MODEL NRD-535

SERVICE MANUAL

JRC Japan Radio Co., Ltd.



PREFACE

This document describes required information for the acquisition of the basic principle of operation, the maintenance and the troubleshooting of the Model NRD-535 HF Receiver. For the operation and handling, refer to the Model NRD-535 Instruction Manual attached to the product.

The circuits of the NRD-535 are constituted on the plug-in type printed circuit boards and this facilitates the repair for defective circuit and the replacement of the circuitry. For the removal of the plug-in type printed circuit board, use the board pulling tool furnished to the extension card, NJZ-667 (available at option), for the service use.

To perform an appropriate service and troubleshooting, it is desirable to well know the basic principle of operation about the product. The circuits of the NRD-535 have been designed with taking account that those adjustable parts are possibly lessened, the secular change of which may go into question, so that they may operate stably. Accordingly, unless an abnormal condition is proved otherwise, there is no need for the adjustment.

Upon the order of any unit for the repair, refer to the Blocks and Units List in Table 6-1, always write the name and the type of the unit and then so the order. In addition, upon the order of any parts, refer to Section 10 Parts List, always write the parts number, the type and the code and then send the order.

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SECTION 1: SPECIFICATIONS

Operating frequency

0.1 to 30 MHz

Modes of operation

AM, USB, LSB, CW, RTTY, FAX

and Narrow FM

Frequency stability

±2 ppm or better after 5 to 50 minutes warm-up period (±0.5 ppm with optional CGD-135 High Stability crys-

tal oscillator unit installed)

Tuning increments

Selectable .001, .01 and .1 kHz steps with main tuning dial; .01, .1 and 1 $\,$

kHz steps with up/down buttons

Memory capacity

200 tunable memories

Receiving system

Triple superheterodyne (double su-

perheterodyne for FM)

Intermediate frequencies

First IF: 70.455 MHz Second IF: 455 kHz

Third IF:

97 kHz

Sensitivity:

BAND	RTTY/FAX/CW/SSB	AM	FM
0.1-0.5 MHz	14 dBμ (5 μV)	24 dBμ (15.8 μV)	_
0.5-1.6 MHz	6 dBμ (2 μV)	16 dBμ (6.3 μV)	
1.6-30 MHz	-10 dBμ (0.32 μV)	6 dBμ (2 μV)	$-6 \text{ dB} \boldsymbol{\mu} \ (0.5 \ \boldsymbol{\mu} \text{V})$

S N: 10 dB; Bandwidth: INTER; Modulation: 400 Hz, 30 %, AM

mode (12 dB SINAD FM)

Selectivity:

BANDWIDTH	6 dB	60 dB
AUX	12 kHz or more	
WIDE	4 kHz or more	10 kHz or less
INTER	2 kHz or more	6 kHz or less
NARR	1 kHz or more	3 kHz or less
FM	12 kHz or more	

NOTE: The NARR bandwidth characteristics measured with CFL-233 filter installed.

Dynamic range

106 dB (300 Hz bandwidth)

Image rejection

70 dB or better

IF rejection

70 dB or better

PBS variable range

±1 kHz

NOTCH attenuation

40 dB or more

Antenna impedance

 50Ω at Lo-Z terminal

 600Ω at Hi-Z terminal

Attenuator

Approx. 20 dB

AGC characteristics

10 dB or less AF output variation for

antenna input signal change from 3

μV to 100 mV

AF output

Speaker output: 1 watt or more (at

 4Ω load and 10% distortion)

Line output: 1 mW or more (at 600Ω

load and 10% distortion)

RS-232C interface

4800 baud, 8 data bits, 1 start bit, 1

stop bit, no parity

Power requirements

100/120/220/240 V AC, ±10%, 35

VA or less

12 to 16 V DC (13.8 V standard), 25

W max (approx. 2 A)

Dimensions

Width 330 mm × Height 130 (143)

mm × 287 (324) mm.

Values in parenthesis include projec-

tions

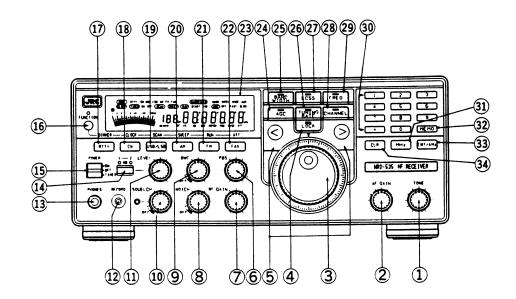
Weight

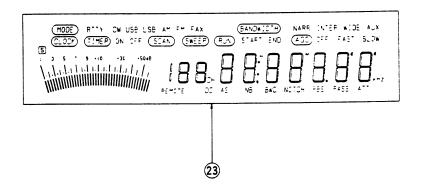
Approx. 9 kg

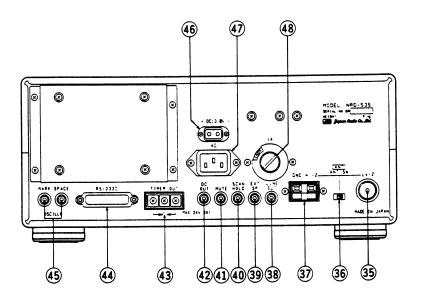
NOTE: The above ratings are based on standard JAIA measuring standards. All ratings are subject to change to increase per-

formance without notice.

SECTION 2: FRONT PANEL AND REAR PANEL







FRONT PANEL

- (i) TONE CONTROL
- AF GAIN CONTROL
- MAIN TUNING DIAL (3)
- LOCK BUTTON
- UP/DOWN BUTTON
- PBS (PASSBAND SHIFT) CONTROL
- RF GAIN CONTROL
- NOTCH CONTROL
- (i) (i) **BWC (BANDWIDTH CONTROL)**
- SQUELCH CONTROL
- NB (NOISE BLANKER) LEVEL CONTROL
- RECORD (OUTPUT) JACK PHONES (HEADPHONE) JACK
- NB (NOISE BLANKER) BUTTON
- POWER/TIMER ON-OFF SWITCH
- **FUNCTION BUTTON**
- RTTY MODE (DIMMER) BUTTON CW MODE (CLOCK) BUTTON
- 18
- USB/LSB MODE (SCAN) BUTTON
- AM MODE (SWEEP) BUTTON
- FM MODE (RUN) BUTTON
- FAX MODE (ATTENUATOR) BUTTON
- FLUQRESCENT DISPLAY
- AGC (AUTOMATIC GAIN CONTROL) BUTTON
- BANDWIDTH BUTTON 25
- TUNING RATE BUTTON
- ECSS (EXALTED CARRIER, SELECTABLE SIDEBAND) BUTTON
- CHANNEL BUTTON
- FREQ (FREQUENCY) BUTTON
- NUMERICAL KEYPAD
- MHz BUTTON MEMO BUTTON
- ENT/kHz BUTTON
- CLR (CLEAR) BUTTON

REAR PANEL

- ANT Lo-Z (LOW IMPEDANCE ANTENNA) CON-**NECTOR**
- ANT (ANTENNA) SWITCH
- ANT Hi-Z (HIGH IMPEDANCE ANTENNA) CON-NECTOR
- LINE OUT JACK
- EXT SP (EXTERNAL SPEAKER) JACK
- SCAN HOLD JACK
- MUTE JACK
- DC OUTPUT JACK
- TIMER OUT TERMINAL
- RS-232C PORT
- RTTY MARK/SPACE INDICATOR JACKS
- DC13.8V (DC POWER) CONNECTOR
- AC POWER CONNECTOR AC FUSE AND VOLTAGE SELECTOR

SECTION 3: LAYOUT OF UNITS

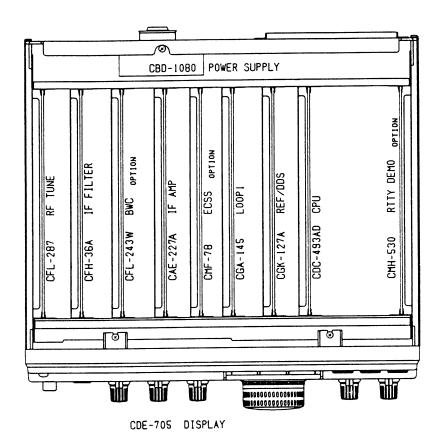


Fig. 3-1 LAYOUT OF UNITS

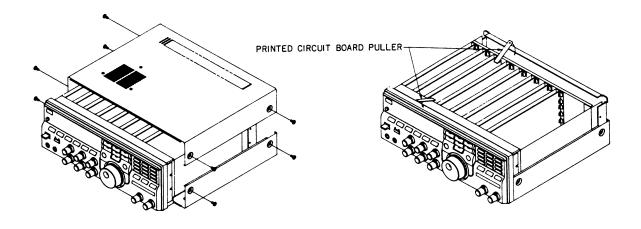
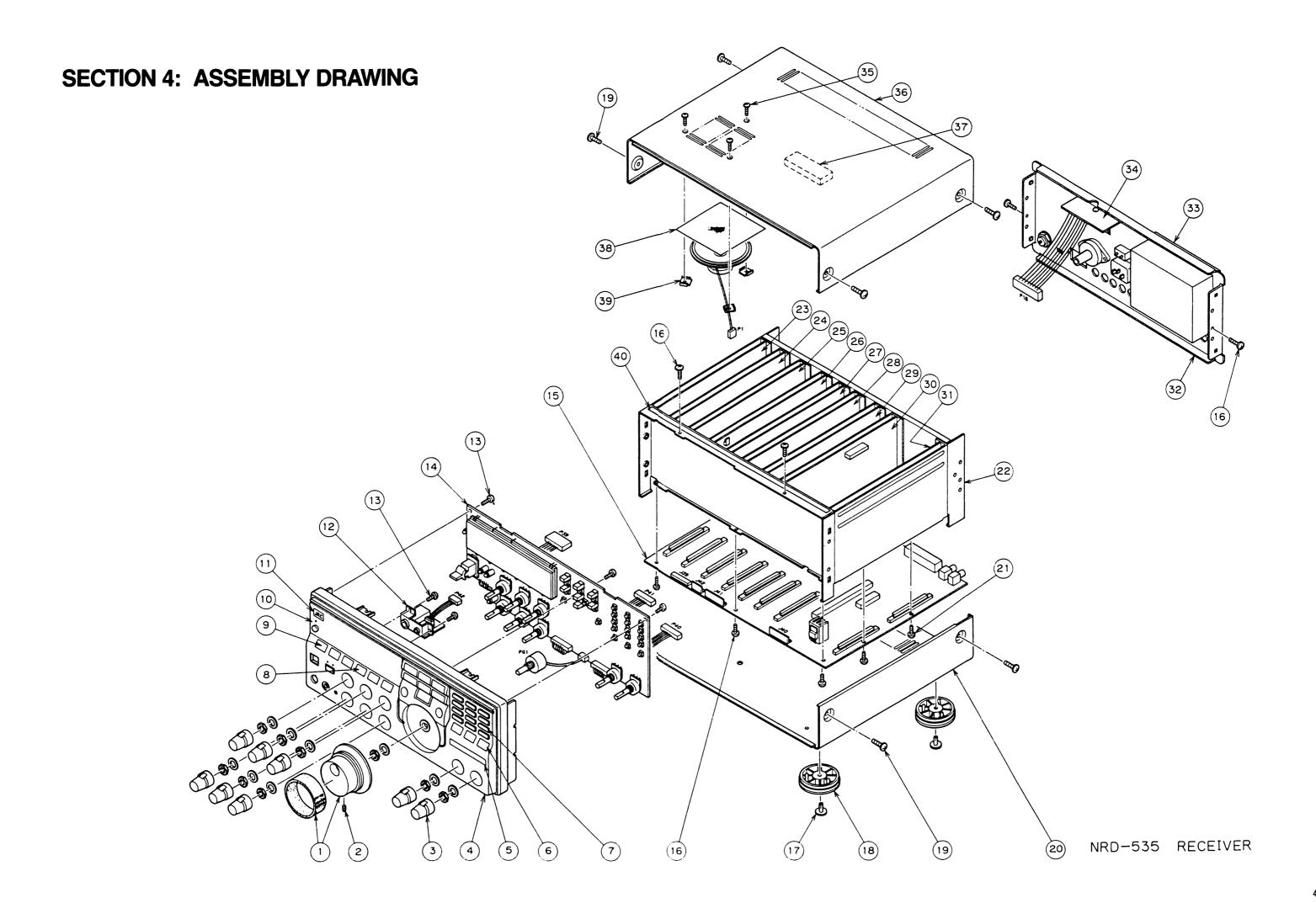
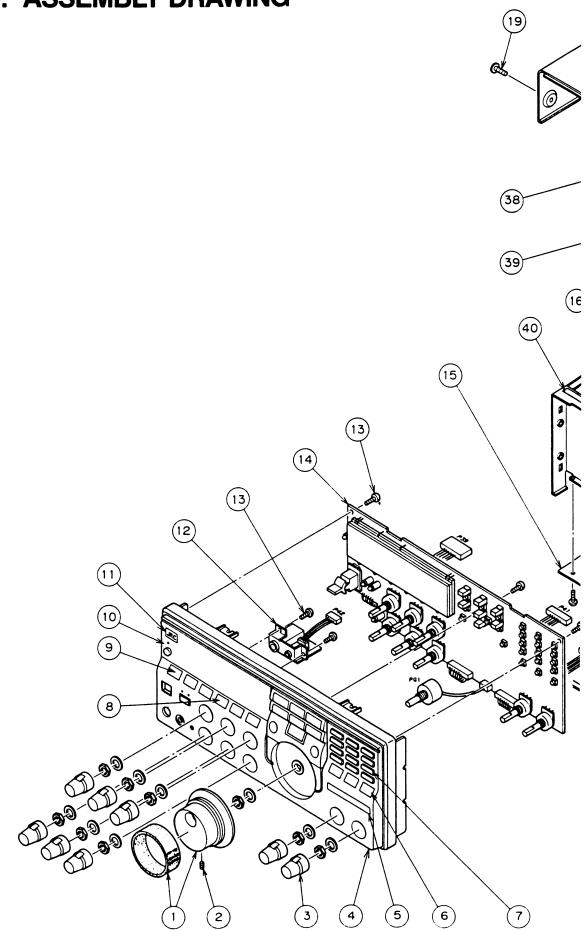


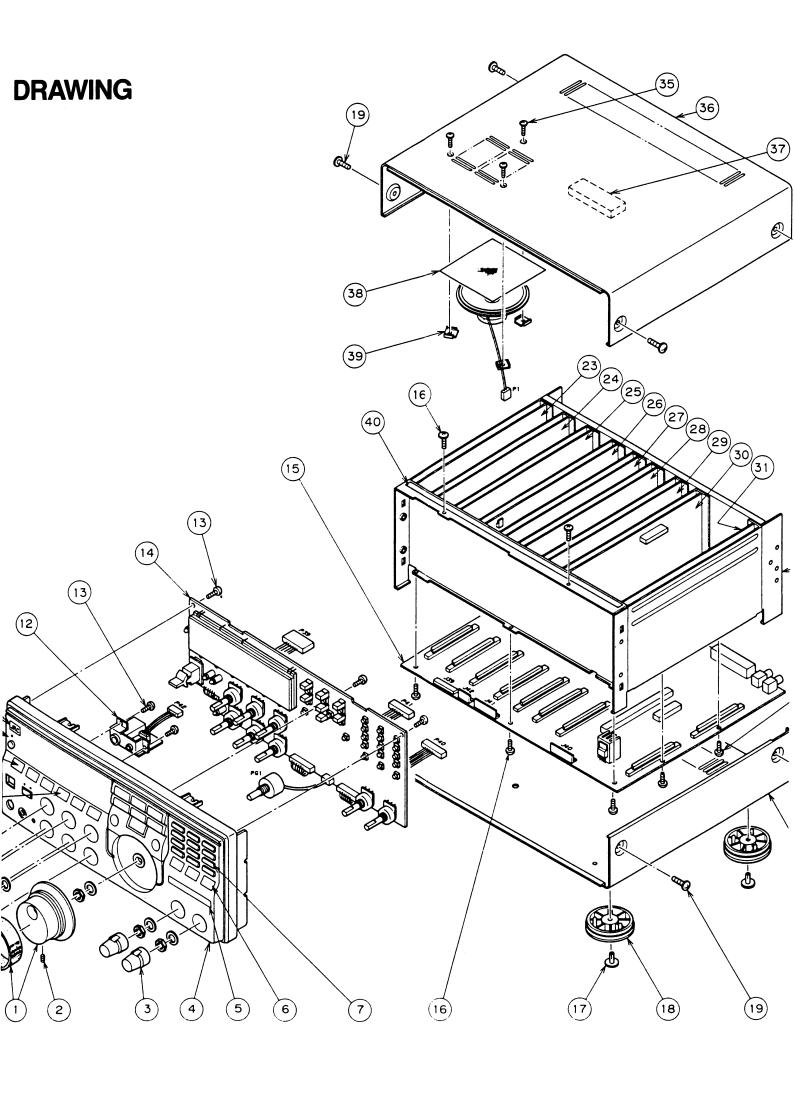
Fig. 3-2 REMOVING THE COVER

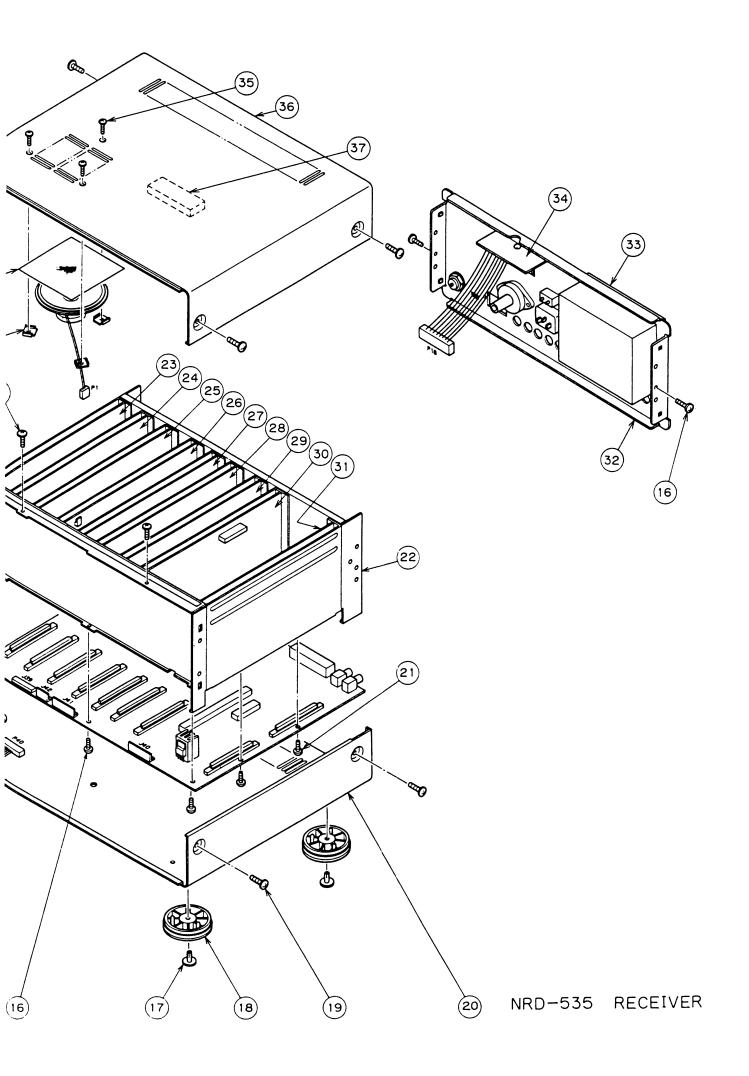
Fig. 3-3 REMOVING THE UNIT



SECTION 4: ASSEMBLY DRAWING

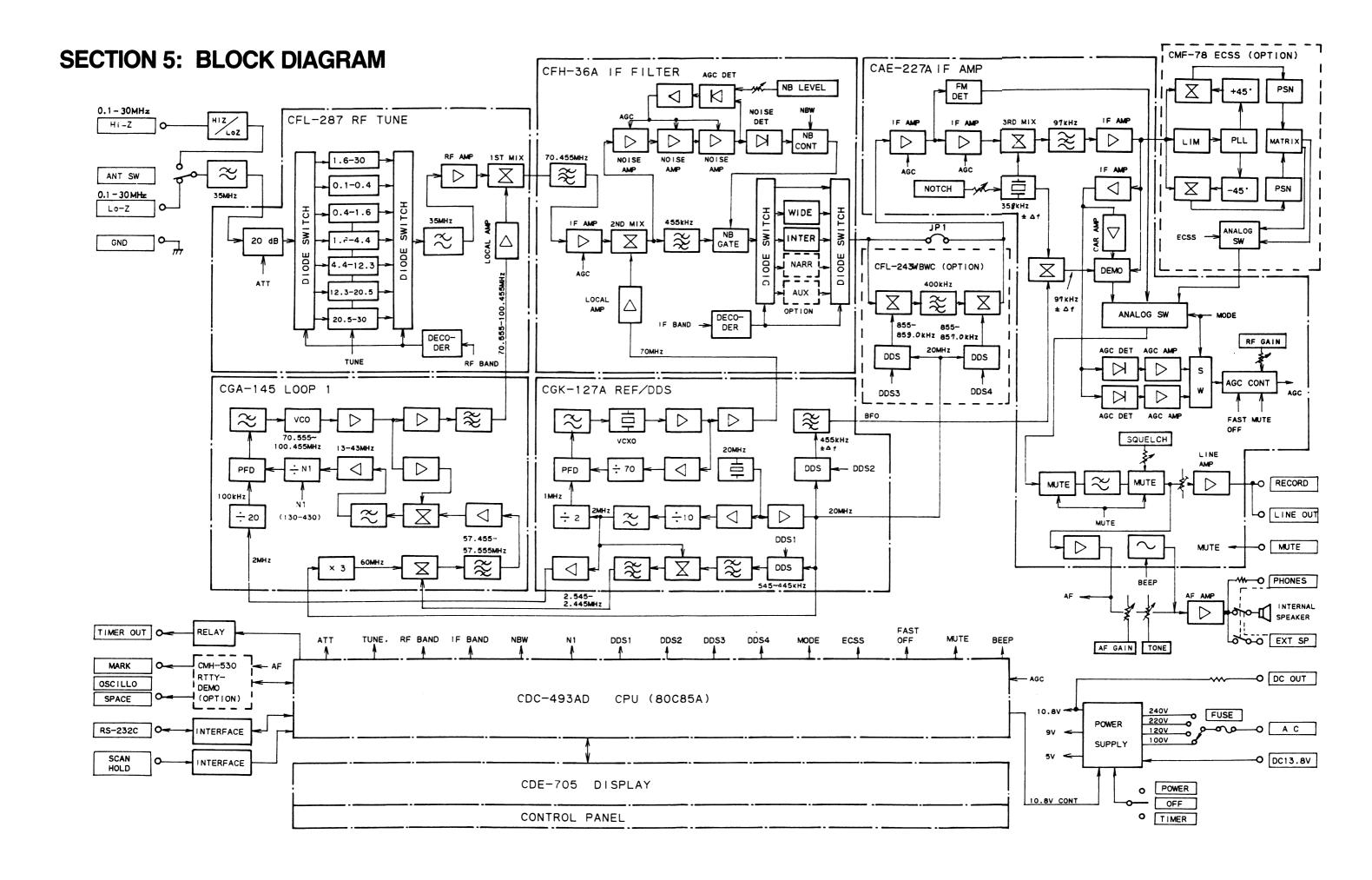


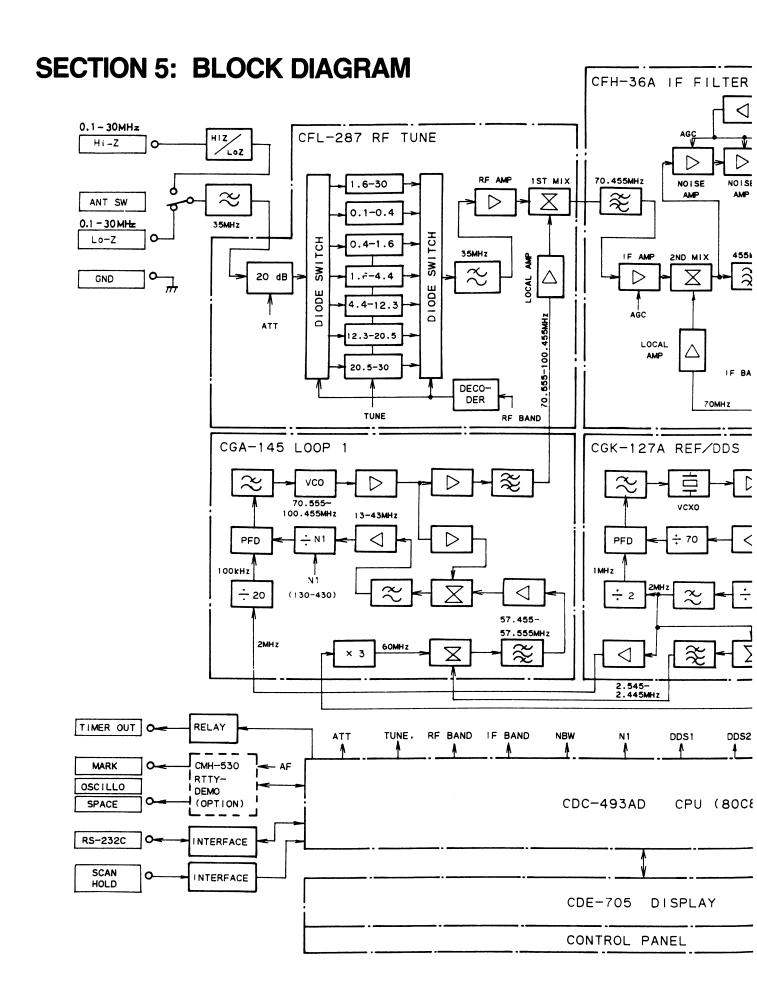


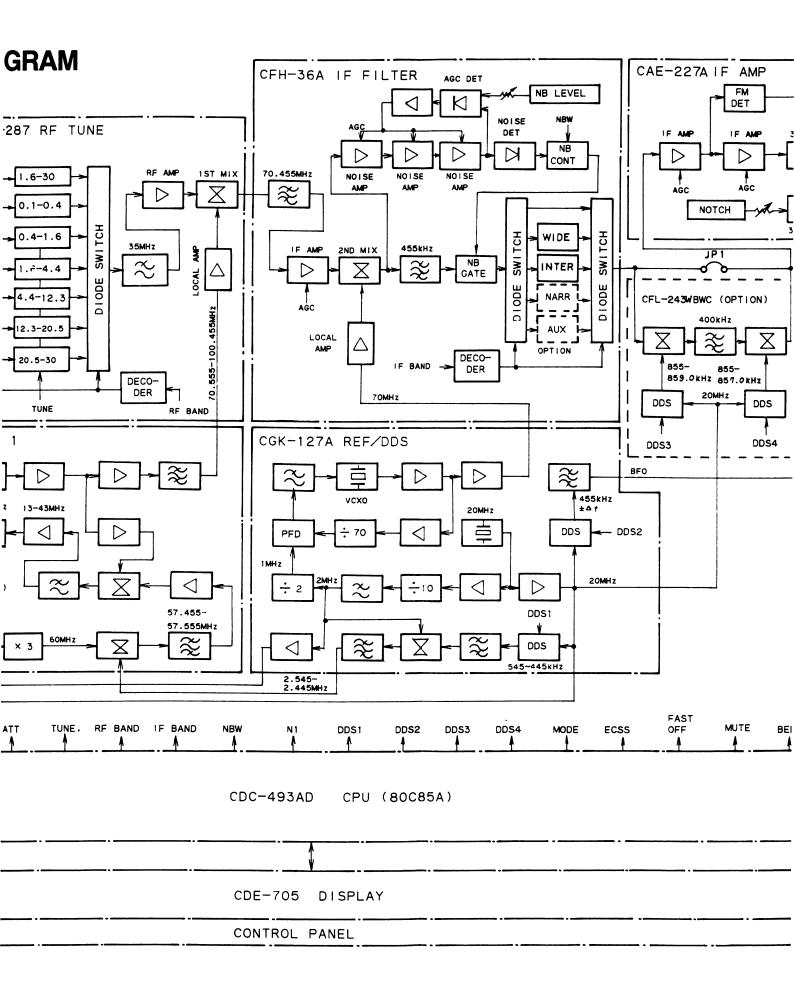


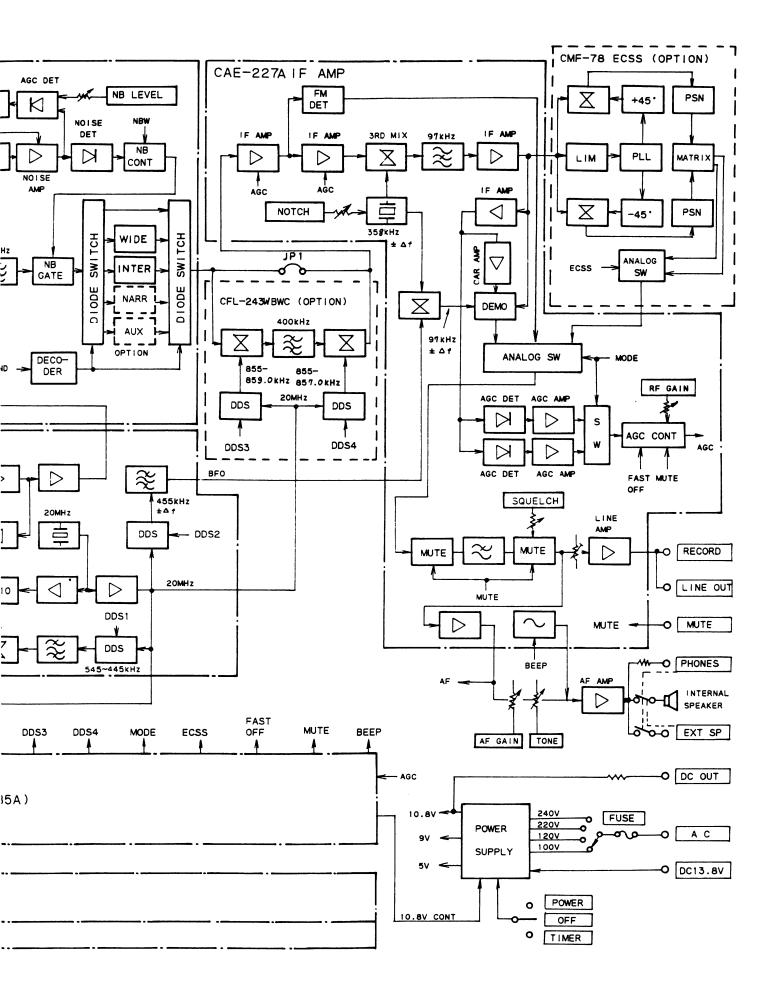
ASSEMBLY PARTS LIST

LOCATION	DESCRIPTION	PART NUMBER	Q' TY	REMARKS
1	DIAL	MPHD01477	1	
2	SET SCREW	BSHT03004S	(1)	3T3×4
3	KNOB	MPHD01478	8	
4	PANEL	MPBC09674	1	
<u>-</u>	NAME DI ATE	MPNM15343	1	NRD-535
5	NAME PLATE	MPNL21368	1	NRD-535D
6	KEYTOP	MTV004125	1	
7	KEYTOP	MTV004124	1	
8	KEYTOP	MTV004126	1	
9	KEYTOP	MTV004127	1	
10	FILTER	MPOL01126	1	
11	JRC BADGE	MPNL09514	1	
12	JACK UNIT	CQB-61	1	
13	SCREW	BRTG02970	8	3×8 ZMC
14	DISPLAY UNIT	CDE-705	1	
15	MOTHERBOARD	CFQ-3597	1	
16	SCREW	BRTG01225	17	3×6 ZMC
17	NYLON RIBET	BRTG01468	4	FNRP $\phi 4 \times 7$ BLK
		MPKU00270	4	NRD-535
18	LEG	MPKU00271	4	NRD-535D
19	SCREW	BRTG03311	8	M3×8BS BNM2
20	BOTTOM COVER	MTD004608	1	1
21	SCREW	BRTG00970	18	2. 6×6 ZMC
22	CHASSIS	MPBC09677	1	
23	RF TUNE UNIT	CFL-287	1	
24	IF FILTER UNIT	CFH-36A	1	
25	BWC UNIT	CFL-243W	1	
26	IF AMP UNIT	CAE-227A	1	
27	ECSS UNIT	CMF-78	1	
28	LOOP1 UNIT	CGA-145	1	
29	REF/DDS UNIT	CGK-127A	1	
30	CPU UNIT	CDC-493AD	1	
31	RTTY DEMO UNIT	CMH-530	1	
32	BACK BOARD	MTD004609A	1	
33	COVER	MTD004430	1	
34	AVR UNIT	CBD-1080	1	
35	SCREW	BRTG02145	3	M3×8BS BLK
36	TOP COVER	MTD004607	1	
37	RUBBER	MTT027856	1	
38	SPEAKER GRILL CLOTH	MTZ003307	1	
39	MOUNTING PLATE	MTB099587	3	
			1	









SECTION 6: DESCRIPTION OF CIRCUITS

6.1 OUTLINE OF BLOCKS

The NRD-535 is roughly divided into six blocks: Receiver block, Synthesizer block, Control block, RTTY block, panel block and chassis block. The units involved in these six blocks are listed in Table 6-1, below.

TABLE 6-1 BLOCKS AND UNITS LIST

BLOCK	UNIT	ТҮРЕ
Receiver	RF TUNE unit	CFL-287
block	IF FILTER unit	CFH-36A
	BWC unit	CFL-243W
	IF AMP unit	CAE-227A
	ECSS unit	CMF-78
Synthesizer	LOOP 1 unit	CGA-145
block	REF/DDS unit	CGK-127A
Control block	CPU unit	CDC-493AD
RTTY demodulator	RTTY DEMO unit	CMH-530
Panel block	DISPLAY unit	CDE-705
	JACK unit	CQB-61
Chassis block Mother board		CFQ-3597
	AVR unit	CBD-1080
	Chassis	NRD-535

The circuit constitution and the frequency relationship of the entire receiver are shown in the block diagram; refer to them.

The receiver adopts a triple superheterodyne system, wherein the first IF is 70.455 MHz, the second IF is 455 kHz and the third IF is 97 kHz. The double tuning circuit at the front end section adopts a variable tuning system (an electronic tuning with use of capacitor diodes), whereby the receiver block is tuned continuously in accordance with the receiving frequency.

The RF amplifier and the first mixer employ each four junction type FETs, which have low noise and excellent cross modulation characteristics, thus widening the dynamic range and improving the sensitivity. In addition, the receiver block is provided with a BWC and an ECSS circuit as a function for the elimination of the RF interference. The BWC unit, CFL-243W, is inserted between the IF FILTER unit, CFH-36A, and the IF AMP unit, CAE-227A. Accordingly, the center fre-

quency for the input/output is 455 kHz. Upon installation of the BWC unit, the jumper wire JP1 on the mother board is cut off. The ECSS unit, CMF-78, receives the third IF signal of 97 kHz as an input signal and performs the synchronous detection of this input signal.

The synthesizer block generates required frequency signals of 70.555 MHz to 100.454999 MHz and 70 MHz for the receiver block as well as the BFO signal, based on a highly stabilized reference frequency of 20 MHz. Among them, the frequency signal of 70.555 MHz to 100.454999 MHz and the BFO signal are generated by the synthesizer and it employs a DDS (direct digital synthesizer), which was developed originally by JRC.

The control block employs CPU's for switching over associated circuits and control of them. Two CPU's are incorporated, a main CPU and sub-CPU's: The main CPU is located in the CPU unit at the main frame side. The main CPU mainly performs the switching-over of the circuits in the receiver block and the frequency control of the synthesizer. The sub-CPU is located in the DISPLAY unit and it performs the display on the fluorescent display tube and the processing of key inputs as well as sending the data of them to the main CPU at the main frame side.

The RTTY demodulator block demodulates the CCITT No. 2 codes at shift widths of 170, 425 and 850 Hz and a baud rate of 37 to 75 bauds. The demodulator output may be displayed on the CRT at the computer side after sending it by way of the RSC-232C line to the computer.

The panel block is provided with switches and controls for operating the receiver. Moreover, a large type custom fluorescent display tube is employed for the display the frequencies, modes, bands, meter readings and others.

The chassis block is constituted with the mother board as a key unit, for the interconnection of associated units. Owing to the use of the mother board, the wire harnesses in the chassis have been lessened as practicable and this improves the reliability and the maintainability as the result.

6.2 DESCRIPTION OF UNITS

6.2.1 CFL-287 RF TUNE UNIT

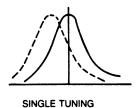
The RF TUNE unit is composed of a double tuning circuit, RF amplifier and first mixer. The received signal entering through the antenna terminal passes through a 20 dB-attenuator switching circuit with K1 to the double tuning circuit. In the double tuning circuit, the frequencies are grouped into six bands in the range from 100 kHz to 30 MHz (refer to Table 6-2, below) and the decoder of IC1 and the transistor TR1 are

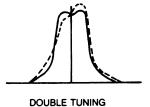
operated to select desired band for the reception in response to the band switching signal fed from the CPU.

TABLE 6-2 DIVISION OF BAND FOR THE DOUBLE TUNED CIRCUIT

DIVISION	FREQUENCY	REMARKS
1	100 kHz-0.4 kHz	LPF
2	0.4 MHz-1.6 MHz	
3	1.6 MHz-4.4 MHz	
4	4.4 MHz-12.3 MHz	Double tuning
5	12.3 MHz-20.5 MHz	Circuit
6	20.5 MHz-30 MHz	

The voltage applied to the variable capacitor in the double tuning circuit is generated in the CPU unit. This applied voltage is controlled every 10 kHz so as to obtain the best tuning characteristics in accordance with the receiving frequency. In addition, the double tuning circuit has such an advantageous point that a sharp resonance characteristic is obtained as well as the change of the impedance of the antenna has only a little influence on the detuning of the tuning circuit, that is, on the resonance characteristics of the circuit; refer to Fig. 6-1. This receiver effectively utilizes this advantageous point such that a high sensitivity will be obtainable with any antenna.





The solid line indicates the response with the impedance matched with the antenna.

The dashed line indicates the response with the im-

pedance not matched with the antenna and the tuning circuit being detuned.

Fig. 6-1 TUNING CHARACTERISTICS

The received signal passed through the double tuning circuit is applied to the RF amplifier. The RF amplifier in this receiver employs a high power gain type amplifier composed of four low-noise junction type FET's TR2, TR3, TR4 and TR5 connected in parallel. Compared with an amplifier composed of one FET only, that RF amplifier provides a power gain as high as four times, 6 dB, and hence it realizes a high sensitivity of the receiver block. The received signal amplified in the RF amplifier is mixed with the first local signal in the first mixer composed of transistors TR7 through TR10 and converted into a first IF signal of 70.455 MHz.

The first mixer employs a double balanced type mixer composed of

four low-noise junction type FET. Since the double balanced type mixer suppresses the intermodulation components of the odd numbered orders, it is capable of greatly reducing the intermodulation product distortion (IMD), compared with a single balanced type mixer. Owing to this, the multiple signal characteristic is improved to thereby elevate the receiver performance.

6.2.2 CFH-36A IF FILTER UNIT

The IF FILTER unit is composed of a second mixer, a group of IF filters, which determine the pass bandwidth of the receiver, and a noise blanker circuit.

The first IF signal of 70.455 MHz from the RF TUNE unit is fed through a monolithic filter (MCF) FL1 to the first IF amplifier of TR1 and amplified therein. To operate the TR1 as an AGC amplifier, it employs a dual gate type MOS-FET. The signal amplified in the first IF amplifier is applied to the FET balanced mixer composed of TR2 a. TR3 and mixed with a second local signal of 70 MHz fed from the synthesizer block, thus converting into a second IF signal of 455 kHz. By the way, the second local signal of 70 MHz is amplified in the transistor TR4 and then supplied to the second mixer.

The noise blanker circuit in the next stage is composed of a gate circuit and a noise amplifier, and the second IF signal of 455 kHz is fed to these two circuits. The signal fed to the gate circuit passes through the filter FL2 and then through a balanced type gate circuit composed of diodes CD1 and CD2. The signal fed to the noise amplifier, on the other hand, is amplified by the noise amplifier composed of TR5, TR6 and TR7. To this noise amplifier an AGC is applied from the AGC circuit composed of CD4, TR8 and TR9. The signal from the output of the noise amplifier is fed to the noise detector (gate control) circuit composed of CD5, CD6, TR10, TR12, and TR13, which detects the no component only. It switches on and off the above described gate circuit to thereby blank the noise component contained in the second IF signal of 455 kHz. The signal from the output of the gate circuit is fed to filter selected among a group of the IF filters FL3, FL4, FL5 and FL6. which provides required selectivity characteristics. Thereafter, it is sent to the BWC unit, if the BWC unit is incorporated. If the BWC unit is not incorporated, the signal from the IF filter is sent to the IF AMP unit.

6.2.3 CFL-243W BWC UNIT

The BWC unit is composed of two mixers for the BWC (bandwidth control), two local oscillators and crystal filter having a center frequency of 400 kHz. The signal applied from the second IF stage of 455 kHz is converted into a signal of 400 kHz by the mixer of IC1 in the front stage. This signal passes through the crystal filter FL1 of 400 kHz to the mixer of IC2 in the latter stage, wherein it is converted again into an original signal of 455 kHz, which is then applied to the IF AMP unit. The local oscillation signals to be fed to both mixers of IC1 and IC2 are

obtained from the synthesizer of IC3 and IC4 in the DDS system.

When you operate the BWC knob on the panel face, the first local frequency and two local frequencies in the BWC unit change to cause the pass bandwidth to be continuously varied. This is due to the combination of filter characteristics of the filter FL3 or FL4 in the IF FILTER unit with the filter FL1 in the BWC unit.

6.2.4 CAE-227A IF AMP UNIT

The IF AMP unit is composed of a third local oscillator, third mixer, second IF amplifier, third IF amplifier, demodulator, AGC circuit, squelch circuit, line amplifier and others.

The third local oscillator is composed of a 358 kHz-oscillator of TR9 and a buffer amplifier of TR10. The 358 kHz-oscillator employs a ceramic oscillator X1. The diodes CD2 and CD28 are variable-capacitance diodes for fine adjustment of the ceramic oscillator X1 and they are controlled with the control voltage fed from TR11. The third local scillation signal from TR9 passes through the buffer amplifier of TR10 to the gate of the third mixer of TR3 as well as the Pin 2 of IC4. The mixer of IC4 mixes the local oscillation signal of 358 kHz with the BFO signal to provide an output signal, which is used as a carrier signal for the product detection. For the carrier signal frequencies by the modes of operation, refer to Table 6-3, below.

TABLE 6-3 CARRIER FREQUENCIES FOR PRODUCT DETECTION

MODE	BFO FREQUENCY	CARRIER FREQUENCY
RTŤY(N)	457.210 kHz	99.210 kHz
RTTY(M)	457.095 kHz	99.095 kHz
RTTY(W)	456.870 kHz	98.870 kHz
CW	455.800 kHz	97.800 kHz
USB	456.500 kHz	98.500 kHz
LSB	453.500 kHz	95.500 kHz
FAX	456.900 kHz	98.900 kHz

The IF amplifier is composed of a second IF amplifier of TR1 and TR2 (455 kHz) and third IF amplifier of TR3 (97 kHz). The second IF signal of 455 kHz is amplified by the TR1 and TR2 and then mixed in the third mixer with the third local oscillation signal of 358 kHz fed from TR10, whereby a third IF signal of 97 kHz is produced. The third IF signal is fed through the NOTCH circuit of TR4, TR5, TR6 and T4 to the third IF amplifier of TR7, which amplifies the IF signal. The TR4 and TR5 in the NOTCH circuit form a change-over switch of the NOTCH, wherein the TR4 turns ON to actuate the fixed T-NOTCH circuit of T4, when the NOTCH is ON, and the TR5 turns ON to allow the NOTCH circuit to pass the signal through, when the NOTCH is OFF. Since the notch frequency is fixed, the filtering frequency is con-

trolled by adjusting the 358 kHz local oscillator frequency.

The IC2 forms a demodulator. When the mode is AM, it operates as a synchronous detector, and when the mode is other than AM, it also operates as a product detector. The carrier for the synchronous detection is fed to the Pin 2 of IC2 from the limiter circuit of TR17. In addition, the carrier for the product detection is fed to the Pin 2 of the IC2 from the Pin 9 of IC4 through the resistor.

The FM signal is demodulated with IC8. This IC is a one-chip type IC, which incorporates a limiter circuit, quadrature detection circuit and others, and it is provided for the use of the FM demodulation only.

The AGC circuit is composed of rectifiers of CD5, CD6, TR19 and TR20, time constant circuit based on a time constant determined by C103 and R105, analog switch of IC5 and IC6, and DC amplifier of IC7. There are two rectifiers: one is a rectifier for the peak detection, which is composed of CD6 and TR19 and operates when the mode is CW or SSB, and the other is a rectifier for the mean value detection, which is composed of CD5, R98, C100 and TR20 and operates, when the mode is AM. Switching over these rectifier is performed by the analog switch of IC5. The IC6 is an analog switch for the switching-over of the time constant.

The AGC voltage is provided from the Pin 7 of IC7 and applied to control the gates 2 of TR1 and TR2. Moreover, the AGC voltage is also fed through R115 to the IF FILTER unit and used for the control of TR17 in this unit.

The squelch circuit is composed of a comparator of IC9 and tuning circuit of TR35. The NRD-535 has been designed so that the squelch may function for all modes of operation. To the Pin 5 of IC9, the AGC voltage is fed from the Pin 7 of IC7. In addition, to the Pin 6 of IC7, the control voltage for the squelch is fed from the panel control. Both two voltages are compared in IC9; when the voltage on the Pin 5 of IC9 is higher than the voltage on the Pin 6 of IC9, that is, when the squelch is closed, this causes TR35 to turn on, whereby it cuts off the AF output.

The line amplifier is an AF amplifier for the external output, which is composed of 1/2 of IC12. This amplifier cuts off the output, when the squelch is closed.

Among other circuits, there is a BEEP tone oscillator of TR41. The BEEP tone oscillator oscillates at approximately 2 kHz, when the key operation on the panel is performed. The output of this oscillator is amplified with an AF amplifier, and beep tone sounds from the speaker.

6.2.5 CMF-78 ECSS UNIT

The ECSS unit is capable of receiving desired signal as an AM wave without suffering from any RF interference upon the receipt of the AM RF wave, when its one side band is suffering from the RF interference, wherein the ECSS unit extracts the other side band, without using any narrow band filter.

The ECSS unit is composed of a limiter-amplifier, synchronous car-

rier generator, mixer, phase shifter, adder-subtractor circuit and demodulated signal siwtch-over circuit.

The IC1 forms a limiter-amplifier, which amplifies the third IF signal of 97 kHz. The amplified signal is fed to the PLL circuit of IC2, wherein a carrier synchronous with the carrier of the AM wave is reproduced. This PLL circuit employs a 90°-type phase comparator, wherein the capture range of the PLL has been set approximately for ± 1 kHz enough to ensure a good RF interference suppression effect. The reproduced carrier is fed to the phase shifters of $+45^\circ$ and -45° , the outputs of which are then fed to the mixers of IC3 and IC4, respectively.

In the mixers of IC3 and IC4, the carriers are mixed with the third IF signal of 97 kHz, and the outputs of these mixers are fed through the AF phase shifters to the adder-subtractor circuit of IC7. The adder circuit provides a USB component of the input signal while the subtractor circuit provides an LSB component of the signal. The circuits have been designed such that you may hear an AM voice, without suffering from the RF interference, owing to the change-over circuit of IC12, which selects either the USB component or the LSB component in accordance with the RF interference.

6.2.6 CGA-145 LOOP 1 UNIT

This LOOP 1 unit includes a PLL type synthesizer, which generates frequency signals in the steps of 1 Hz in a range between 70.555 MHz and 100.454999 MHz, and it is composed of a frequency converter. VCO and PLL IC.

The TR12 in the frequency converter forms a frequency tripler circuit, which converts a frequency of 20 MHz into a frequency of 60 MHz and feeds the output signal to the Pin 11 of IC6. The IC6 forms a mixer, which converts the signal of 2.545 MHz to 2.445 MHz fed from the DDS, into a signal of 57.455 MHz to 57.555 MHz. Thus converted signal is fed to the SAW filter FL3, which eliminates unwanted components, and then amplified by TR13. The amplified signal is fed to the Pin 11 of IC4.

The VCO shares the frequency signals in the range between 70.555 MHz and 100.454999 MHz with three VCO's, as described below.

TR1, VCO1: 70.555-80.454999 MHz
TR2, VCO2: 80.455-90.454999 MHz
TR3, VCO3: 90.455-100.454999 MHz

The TR9, TR10 and TR11 are transistors for switching over the VCO1, VCO2 and VCO3, and one of the transistors is set on according to the frequency under the control of the CPU. The output signal from each VCO is fed through the buffer amplifier of TR4 to the local oscillation amplifier of IC1 as well as the local oscillation amplifier of IC2. The output signal from IC1 is fed through the bandpass filter to the receiver block as a first local oscillation signal of 70.555-100.454999 MHz.

On the other hand, the output signal from IC2 is to be used for the PLL, and it is converted into a signal of 13 to 43 MHz by the mixer in the next stage and the converted signal is fed through the lowpass filter and the buffer amplifier of IC3 to the PLL IC of IC5. The internal constitution of the PLL IC of IC5 is illustrated in Fig. 6-2, below.

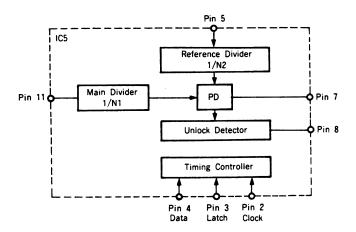


Fig. 6-2 INTERNAL CONSTITUTION OF IC5

The divider of IC5 is set to have frequency division ratios, as follows:

 $N_1 = 130 - 430$

 $N_2 = 20$

The setting of the frequency division ratios is performed, based on the serial data fed from the CPU. In addition, the reference frequency of the PLL has been set for 100 kHz. Accordingly, a frequency of 2 MHz has been fed to the Pin 5 of IC5.

The receiving frequency f_{R} , the VCO frequency f_{VCO} , the frequency f_{IF} on the Pin 11 of IC5, and the frequency division ratio N_1 of the main divider are related to one another, as described below.

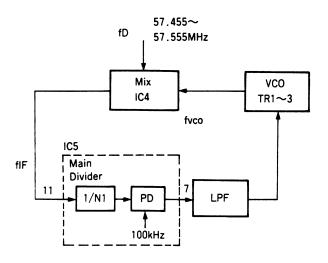


Fig. 6-3 CONSTITUTION OF LOOP 1

It is assumed that a fraction of the receiving frequency f_R at the 100 kHz-digit and higher-digits is F1 and the remaining fraction of the receiving frequency at the 10 kHz-digit and lower-digits is F2.

In the case of a frequency of $2.154~\mathrm{MHz}$, for example, F1 is $2.1~\mathrm{MHz}$ and F2 is $0.054~\mathrm{MHz}$.

 $f_{VCO} = 70.455 + f_R$

 $f_{VCO} = f_{IF} + f_{D}$

 $N_1 = 10 \times (13 + F1)$

 $f_{IF} = N_1 \times 0.1 \text{ MHz}$

 $f_D = 57.455 \text{ MHz} + \text{F2}.$

When f_R =12.354 MHz, for example, the parameters N_1 , f_{IF} , f_D , and v_{CO} are related, as shown below.

 $f_{R} = \underbrace{12.354}_{F1} MHz$

 $f_{VCO} = 70.455 \text{ MHz} + 12.354 \text{ MHz}$

= 82.809 MHz

 $N_1 = 10 \times (13 + 12.3)$

= 253

 $f_{IF} = 253 \times 0.1 \text{ MHz}$

= 25.3 MHz

 $f_D = 57.455 \text{ MHz} + 0.054 \text{ MHz}$

= 57.509 MHz.

6.2.7 CGK-127A REF/DDS UNIT

The REF/DDS unit includes an address decoder, 20 MHz-STD OSC part, DDS part, which forms a part of the synthesizer for generating local oscillation signals in the range between 70.555 MHz and

100.454999 MHz, synthesizer for generating the BFO signal and another synthesizer for generating the local oscillation signal of 70 MHz.

The address decoder is composed of a NAND of IC13, addressable latch of IC14, and 3-to-8 line decoder of IC15 and IC16, and it supplies the data from the CPU to the synthesizers.

The 20 MHz-STD OSC is composed of a 20 MHz-crystal oscillator of TR5, buffer amplifier of TR6, TR7 and TR8, and 1/10-frequency divider of IC19. The reference frequencies for the synthesizers are all fed from this oscillator. The output signal of 20 MHz from the TR5 is fed by way of the buffer amplifier of TR6 to the pin 14 of IC19 as well as the pins 16 of IC1 and IC2. The IC19 in the 1/10-frequency divider provides an output signal of 2 MHz. The waveform of this signal is shaped by the lowpass filter, the output of which is then fed to the pin 10 of IC12 and the pin 5 of IC17 as well as TR8. The signal amplified in TR8 is fed to the LOOP 1 unit.

The DDS is composed of a DDS of IC1, level converter of IC3 and IC4, D/A converters of RA1 and RA2, constant-current circuit of IC5 and TR1, comparator of IC7 and flip-flop of IC8. The frequency data is written into IC1 in the form of a serial data fed from the CPU. The data from the CPU is fed to the pin 18 of IC1, while the CLOCK signal is fed to the pin 19 of IC1. When the input data of 24 bits is applied to IC1, the latch signal from the CPU is applied to the pin 17 of IC1. Thus, one cycle of the write of the frequency data is completed. The IC1 converts the serial data into a parallel data and then directly synthesizes the frequency signals, based on the reference signal of 20 MHz being fed to the pin 16 of IC1 in accordance with this parallel data. The output signal from the pin 37 of IC1 has a frequency as high as twice that of the written frequency data. This output signal is a signal involving an error, which is then applied to drive TR2 and cause C11 to be discharged.

The error output data is provided on the pins 38 through 47 of IC1 and fed to the ladder circuit of RA1, which converts the digital data into an analog data. Then, the analog data is fed to the pin 10 of IC7. The operation waveforms of these circuits are illustrated in Fig. 6-3, below.

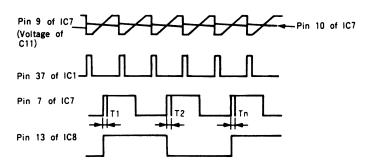


Fig. 6-3 OPERATION WAVEFORMS OF CIRCUITS IN DDS

The widths of T1 through Tn vary in a range of 0 to 50 ns in accordance with the magnitude of the error. In addition, the IC1 is provided with a frequency correction circuit for minimizing the error produced, depending on the frequency. The frequency output data is provided on the pins 26 through 35 of IC1 and digital-to-analog-converted with the ladder circuit of RA2, and resulting data is fed to IC5 in the constant-current circuit. Owing to this correction circuit, an output is obtained, the phase jitter of which is a little at any of the output frequencies in the range of 0.545 MHz to 0.445 MHz in the DDS.

The output signal (on the pin 12 of IC8) from the DDS is fed through the bandpass filter of 0.545 MHz to 0.445 MHz to the pin 1 of IC12 in the mixer. In this mixer, the signal is mixed with the signal of 2 MHz fed to the pin 10 of IC12 from the 20 MHz-STD OSC and converted into a signal in the range of 2.545 MHz to 2.445 MHz. Thus converted signal (on the pin 6 of IC12) is fed to the bandpass filter of 2.545 MHz to 2.455 MHz, which eliminates unwanted wave components, and the output signal from the filter is fed to the LOOP 1 unit, CGA-145.

The BFO signal synthesizer is composed of a DDS of IC2, D/A converter of RA3, constant-current circuit of TR3, comparator of IC6 and flip-flop of IC20. This synthesizer has the same circuit constitution as the DDS for generating the frequency signal of 0.545 MHz to 0.445 MHz. The output frequency covers the range between 453.5 kHz and 457.21 kHz in the steps of 1 Hz. The DDS is not corrected with the frequency, since the change width of the output frequency is a little. Accordingly, the pins 26 through 35 of IC2 are not used. The BFO signal (on the pin 13 of IC20) from the DDS is fed to the lowpass filter to shape the waveform of the signal and then it is fed as a BFO signal to the receiver block.

The 70 MHz PLL synthesizer is composed of a VCXO of TR9, buffer amplifier of TR10, TR11 and TR15, PLL IC of IC17, and active lowpass filter of TR12, TR13, and TR14. The output frequency of the VCXO of TR9 is 70 MHz. This signal is fed through the buffer amplifier of TR10 and TR11 to the pin 11 of IC17. The PLL IC of IC17 is the same as the IC5 used in the LOOP 1 unit, CGA-145. For the internal constitution, refer to Fig. 6-2. In this synthesizer the output frequency is fixed to 70 MHz and hence it is set for N_1 =70 and N_2 =2.

The reference frequency of the P/D (phase detector) is 1 MHz. To the pin 5 of IC17, a frequency signal of 2 MHz is fed from the 20 MHz-STD OSC and its frequency is divided 1/2 in the interior of IC17, wherein the resultant frequency is used for the reference frequency. For the setting of the N_1 of the main divider and the N_2 of the reference divider, the data, latch and CLOCK signals from the CPU are supplied to the pins 4, 3 and 2 of IC17, respectively, and the settings are performed in the form of serial data. In the phase detector, the phase-compared output signal (on the pin 7 of IC17) is converted into a DC signal by the active lowpass filter composed of TR12, TR13 and TR14, and the DC signal is applied to control the frequency of the VCXO. The

output signal on the pin 8 of IC17 goes to the "H"-level, when the PLL is not locked, whereby it drives the TR17 to thereby illuminate the "UNLOCK" indicator of CD7.

6.2.8 CDC-493AD CPU UNIT

The CPU unit is main part for the control of the NRD-535. It employs an 8-bit type CPU of IC1 for the control of associated circuits. The programs of the CPU have been stored in an EP-ROM of 32 kbytes (IC3) and data of the memory channels and others have been stored in a CMOS RAM of 8 kbytes (IC4). This RAM has been backed up with a lithium battery BT1 and owing to this, the CPU unit is capable of holding the once stored data for a long time, even with the power switch set off.

For the control of the analog circuits, the I/O controller of IC5 and IC6 is assigned in use, while for the control of the synthesizer circuithe IC14 is assigned in use. The IC12 and IC13 are USART's; the IC12 is used for the RS-232C at 4800 bps and the IC13 is used for the data communication at 4800 bps with the CPU in the display unit, wherein each IC operates for the communication in the form of serial data. The IC7, IC17 and TR1 form a voltage generator, which generates a voltage to be applied to the variable capacitor*in the double tuning circuit of the RF TUNE unit. It generates a voltage changed in a range of 5.47 V to 20 V in accordance with the receiving frequency.

6.2.9 CMH-530 RTTY DEMO UNIT

The RTTY DEMO unit is composed of an AGC circuit, mark filter circuit, space filter circuit, slide back detector circuit, code demodulator circuit, indicator driving circuit, printer dividing circuit and control circuit.

The AF signal fed from the IF AMP unit is fed through the A circuit of IC10 to both the mark filter circuit of IC11 and space filter circuit of IC12. The mark filter is an active bandpass filter having a center frequency of 2295 Hz and pass-band width of 30 Hz, approximately. The space filter is also an active bandpass filter having a center frequency selected among 2125 Hz, 1895 Hz and 1145 Hz and passband width of 30 Hz, approximately. Upon the operation of the space filter, it is switched over the three center frequencies in accordance with the shift width. The output signals from the filters are sent to the slide back detector circuit of IC13 as well as the driving circuit of IC15 for illuminating the mark and space LED lamps on the furnished indicator, CKJ-61. The slide back detector circuit synthesizes the mark signal with the space signal and detects resultant signal. The detected signal is fed through the code-normal and -reverse inversion gate to the USART of IC2 through for the serial-to-parallel conversion of the signal. Thus converted signal is sent by way of the data line to the CPU unit, CDC-493AD. The parallel interface IC of IC3 is provided for driving the printer, however, the NRD-535 is not equipped with any printer output terminal and hence the software does not process the output data of the printer. The clock provides pulses of 727 Hz, 800 Hz, and 900 Hz for the baud rate, such that the frequency of 12 MHz is divided by 10 in the IC5 and further divided by 1650 for the 45.45 bauds, by 1500 for the 50 bauds, or by 1333 for the 75 bauds. The parallel interface IC switches over the clock for the baud rate as well as the center frequency of the space filter (the change over the shift width).

6.2.10 CDE-705 DISPLAY UNIT

The display unit is composed of a CPU for the processing of the switch data on the display panel, driving of the fluorescent display tube, and data communication with the CPU in the main frame, oscillator for the clock, and controls interlocked with the control knobs on the display panel.

The CPU circuit is, the same as the CPU unit in the main frame, composed of an 8-bit type CPU of IC1, which is the center of this cir
it, 32 kbyte type EP-ROM of IC3 and I/O controller of IC5, IC6 and IC8. The IC5 has roles for driving the fluorescent display tube for the display, and taking in the switch data. The IC6 drives the fluorescent display tube on one hand and processes the data sent through the IC7 from the rotary encoder for the tuning dial, on the other hand. The IC8 is a USART, which performs the data communication at 4800 bps with the CPU in the CPU unit, CDC-493AD.

The IC9 is an IC for the clock, which is working and has been backed up with a power voltage of 5 V directly fed from the power supply circuit, even when the power switch is set off. The IC10 is an A/D converter, which takes in the conditions of the controls as well as the data for the S-meter. The IC11 and IC18 are IC's for driving the LED lamps on the display panel. The IC17 is an analog switch, which changes over the AF signal and the FINE TUNE voltage of the RTTY PEMO unit, CMH-530.

6.2.11 CFQ-3597 MOTHER BOARD AND CHASSIS BLOCK

The mother board is composed of connectors for the interconnection of associated units, AF power amplifier circuit of IC4, IC6 for the RS-232C, and 12 MHz-oscillator of X1 and IC8. The 12 MHz-oscillator oscillates when the mode is set for the FSK, and the RTTY DEMO unit, CMH-530, is incorporated. In addition, the mother board incorporates diodes CD5, CD6, CD7 and CD8 for the rectification of the AC power source, diode CD4 for preventing the DC power current from reversely flowing, relay K1 for the TIMER OUT, input/output connectors for the signals from the rear panel, and connectors for the connection with the panel block.

The chassis block includes the CBD-1080 AVR unit, power connectors J21 and J22 and power transformer T1. The speaker is mounted on the upper cover.

SECTION 7: ADJUSTMENT

7.1 PREPARATION

For the adjustment of the NRD-535, the measuring instruments are required, which will be described in Paragraph 7.1.2. If the required measuring instruments are not prepared, do not adjust unreasonably.

7.1.1 PRELIMINARY SETTINGS

The switches and controls on the front panel should be set to avoid erroneously operating them, as listed below. In addition, return these switches and controls to the following positions, whenever adjusting them.

LOCK switch OFF position
RF GAIN control Fully clockwise
NOTCH control Fully counterclockwise
SQUELCH control Fully counterclockwise
PBS control
TONE control Mid position
BWC control Fully counterclockwise
NB switch OFF position
ATT switch OFF position
•

7.1.2 REQUIRED MEASURING INSTRUMENTS FOR THE ADJUSTMENT

DC (AC) voltmeter Digital voltmeter
Frequency counter 10 kHz to 100 MHz
High frequency voltmeter 455 kHz to 150 MHz,
(Vacuum tube voltmeter) 0.001-3 Vrms
Level meter 600 ohms, -50 dBm to 30 dBm
Distortion meter 600 ohms, 0.5 to 30%
AF oscillator 600 ohms, -70 to 20 dBm
Signal generator
90 kHz to 150 MHz,
with AM and FM modulations
Tracking-scope
Spectrum analyzer 50 ohms, 400 kHz to 100 MHz
Auto keyer Capable of switching on the RF signal
for 20 mS and off for 100 mS
Oscilloscope Dual display type, DC to 100 MHz
Conversion transformer 4 ohms: 600 ohms, 3 watts
Headphone ST-3, etc.
Extension circuit board NJZ-667

7.1.3 STANDARD MEASURING CIRCUITS

(1) SENSITIVITY MEASUREMENT

Connect the measuring instruments, as shown in Fig. 7-1 below.

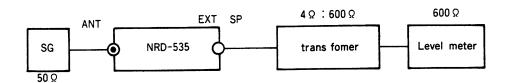


Fig. 7-1 MEASUREMENT OF SENSITIVITY

7.2 ADJUSTMENT OF UNITS

7.2.1 CBD-1080 AVR UNIT

NO.	ITEM	ADJUSTING PROCEDURE	RATING (REF. VALUE)
1	Power voltage check	 Check the voltages at test points, using the digital voltmeter (DC). Check the voltage betwen CBD-1080, P18, No. 1 and chassis (earth). Check the voltage between CBD-1080, P18, No. 3 and chassis (earth). Check the voltage between CBD-1080, P18, No. 6 and chassis (earth). 	4.8-5.2 Vdc 8.7-9.4 Vdc 10.7-10.9 Vdc
2	10.8 Vdc adjustment	① Adjust the control RV1 of CBD-1080, if the voltage between CBD-1080, P18, No. 6 and chassis (earth) deviates in excess of the range between 10.7 and 10.9 Vdc in the above described power voltage check.	
		Screw-driver (tip width of 1.5mm) RV1 Hole for adjustment	

7.2.2 CDC-493AD CPU UNIT

NO.	ITEM	ADJUSTING PROCEDURE	RATING (REF. VALUE)
1	TUNE voltage adjustment	 ① Connect the digital voltage (DC) to TP1. ② Adjust RV2 for a voltage of 5.74 Vdc on TP1 with the receiving frequency set for 400 kHz. ③ Adjust RV1 for a voltage of 20 Vdc on TP1 with the receiving frequency set for 799.9 kHz. ④ Repeat steps ② and ③, until both conditions are satisfied. 	5.72-5.76 Vdc 19.8-20.2 Vdc

7.2.3 CDE-705 DISPLAY UNIT

NO.	ITEM	ADJUSTING PROCEDURE	RATING (REF. VALUE)
1	Fluorescent display tube	① Connect the oscilloscope to the collector of TR2 and check the waveform. In this check, there should be not any abnormal oscillation.	
			TR2 collector 18Vp-p 50µs TR12 base

7.2.4 CGK-127A REF/DDS UNIT

NO.	ITEM	ADJUSTING PROCEDURE	RATING (REF. VALUE)
1	DDS cancel adjustment	 ① Connect the spectrum analyzer to TP1. Fcenter=500 kHz, Span=10 kHz and BW=100 Hz. ② Settings: Fr=0.4501 MHz and MODE=AM. ③ Adjust RV1 so that the side spurious response may be minimum (A may be maximum). 	
		800Hz 500kHz	
2	2 MHz balance adjustment	 Connect the spectrum analyzer to TP5. Fcenter=2.5 MHz, Span=5 MHz, BW=1 kHz. Settings: Fr=0.4501 MHz, MODE=AM. Adjust RV3 so that the 2 MHz component may be minimum. 	
3	70 MHz PLL adjustment	 Connect the digital voltmeter (DC) to TP8. Check the voltage. In this time, the LED CD7 must be illuminating (indicating the locked state). Make sure the LED CD7 illuminates when grounding TP8 (unlocked state). Connect the vacuum tube voltmeter to TP9 and adjust T1 for a maximum output voltage. 	2-7 Vdc
4	Frequency measurement	 Connect the frequency counter to TP9. Measure the frequency of oscillation. 	70 MHz±50 Hz
5	BFO cancel adjustment	 Connect the spectrum analyzer to TP6. Fcenter=455.8 kHz, Span=500 kHz, BW=1 kHz. Set for MODE=CW and adjust RV2 for a minimum side sprious response. 	

7.2.5 CGA-145 LOOP 1 UNIT

NO.	ITEM	ADJUSTI	NG PROCEDURE		RATING (REF. VALUE)
1	AVR adjustment	① Connect the digital voltmeter (DC) to ② Adjust RV1 for a voltage of 8.5 Vdc.	o TP4.		8.4-8.6 Vdc
2	60 MHz tuning	① Connect the vacuum tube voltmeter ② Adjust T1 for a maximum output.	to TP5.		
3	57 MHz tuning	 Connect the vacuum tube voltmeter Adjust T2 for a maximum output. 	to TP6.		
4	VCO adjustment	 Connect the digital voltmeter (DC) to Switching over the receiving frequency voltage for VCO. 		v, and adjust the control	
!		Receiving frequency	Adjusti	ng trimmer	Control voltage
		9.999 MHz	(CV1	7.5±0.1 Vdc
		19.999 MHz		CV2	7.5±0.1 Vdc
		29.999 MHz	(CV3	7.5±0.1 Vdc
		 3 Make sure the lock out does not take 100 kHz to 29.999 MHz. 4 Make sure the LED CD11 illuminate of the frequency. However, it should 	s in the unlocked state		LED CD11 turns off.
5	Operating levels check at check points	① Check the operating levels, using the	e vacuum tube voltmete	er.	
				IC5, Pin 11	0.1 Vrms or more
				TP3	0.12 Vrms or more

7.2.6 CAE-227A IF AMP UNIT

١٥.	ITEM	ADJUSTING PROCEDURE	RATING (REF. VALUE)
1	NOTCH frequency	① Connect the frequency counter and vacuum tube voltmeter to TP4.	
	adjustment	② Set the NOTCH control on the front panel to mid position.	
		3 Adjust RV2 for a frequency of 357 kHz.	
2	IF AMP tuning	① Control settings:	
		RF GAIN: Fully clockwise	
		NOTCH: Fully counterclockwise	
		AGC: OFF	
		MODE: AM	
-		NOTCH: OFF (LED CD4 turns off)	
		BANDWIDTH: INTER	
		ATT: OFF	
		② Connect the vacuum tube voltmeter to TP2.	
		3 Connect the signal generator (50 ohms, CW, 7.1 MHz, 5 dB μ) to the ANT connector	
		on the rear panel.	
		Set the receiving frequency to 7.1 MHz.	
		(§) Adjust T1, T2, T3 and T5 for a maximum output voltage.	
3	Notch ON-OFF adjustment	① Adjust RV3 so that the LED CD4 may be turns off when the NOTCH control is set to	
		OFF position and illuminated when set to the ON position.	
		Adjustable position—	
4	Notch adjustment	① Connect the same measuring instruments as the above described IF AMP tuning and	
		set in the same receiving conditions as in the IF AMP tuning.	
		② Set the signal generator for an output level of 40 dB μ .	
		3 Adjust the RF GAIN control for a reading of 10 mVrms on the vacuum tube volt- meter.	
		Adjust the AF GAIN control for a reading (of the AF output) of 20 dBm on the level	
		meter.	
		Set the NOTCH control to the mid position.	
		Adjust T4 and RV1 for a minimum reading on the level meter.	
	•		

NO.	ITEM	ADJUSTING PROCEDURE		RATING (REF. VALUE)
5	AGC adjustment	(1) Control settings: Receiving frequency: 7.1 MHz MODE: AM BANDWIDTH: INTER AGC: ON NOTCH: OFF ATT: OFF (2) Connect the measuring instruments as shown below. EXT SP 4 Ω: 600 Ω LEVEL METER (3) Set the signal generator for an output level of 100 dBμ. (4) Adjust RV4 for a reading of 10 mVrms on the vacuum tube voltmeter. (5) Set the MODE to LSB and in the same manner and measure the level on TP2. NOTE: Adjustable resistor: R95		9–11 mVrms
6	S-meter adjustment	 Set for the condition to measure the sensitivity. Control settings: Receiving frequency: 7.1 MHz AGC: ON ATT: OFF MODE: LSB BANDWIDTH: INTER Set the signal generator for a frequency of 7.1 MHz and a least of the signal generator for	evel of 40 dBμ, CW.	
7	Detector circuit carrier level	 Connect and set the measuring instruments in the same rece AGC adjustment described above. Set the signal generator for a level of 40 dBμ. When setting the MODE to AM and LSB, and check the vo NOTE: Adjustable resistors: AM: R90 		
		LSB: R67	MODE AM LSB	VOLTAGE ON TP3 0.1-0.15 Vrms 0.04-0.06 Vrms

NO.	ITEM	ADJUSTING PROCEDURE	RATING (REF. VALUE)
8	LINE OUT adjustment	 Set for 7.1 MHz and LSB sensitivity receiving condition: AGC: SLOW SG level: 40 dBμ Connect the level meter of 600 ohms to the LINE OUT of the connector J36 on the rear panel. Adjust RV9 for a reading of -2 dBm on the level meter. 	
9	FM receiving circuit	 Set for a frequency of 7.1 MHz and FM sensitivity measuring condition: SG level: 40 dBμ Adjust T6 for a maximum AF output, without distortion. 	
10	Squelch adjustment	 ① Control settings: AGC: FAST RF GAIN: Fully clockwise ANT terminal: Opened ② Set the MODE to LSB and rotate the squelch control to check at which position the squelch turns on/off. NOTE: Adjustable resistor: R167 	Range A
		Set the MODE to FM. Adjust RV6 so that the squelch may turn on/off at specified position with rotating the squelch control. A B C A B C B C C B C C C C C C C	Range B

7.2.7 CFH-36A IF FILTER UNIT

NO.	ITEM	ADJUSTING PROCEDURE	RATING (REF. VALUE)
1	70.455 MHz MCF adjustment (single unit adjustment)	NOTE: This adjustment have need of an exclusive test bench (not for sale) and hence do not adjust unreasonably. ① Connect the tracking-scope as shown below.	
		CONNECTOR OF BENCH TRACKING OUTPUT 50.0HM-CABLE TRACKING INPUT TRACKING OUTPUT 50 Ω CFH-36A	
		 ② Adjust CV1 and T4 for a maximum output at point of 70.455 MHz. ③ Adjust T1, T2 and T3 so that the 6 dB-bandwidth may exceed a range of ±7.5 kHz. Adjust T1 and T2 so that the response may be flat within the pass band. Adjust T3 for desired bandwidth. ④ Adjust T1 and T2 for an attenuation of 70 dB or more at 69.545 MHz. 	
		69.545 70.455 MHz MHz	A=70 dB or more
		(5) Repeat steps (2), (3) and (4) until the specifications are satisfied.	
2	Second mixer injection level	① Connect the vacuum tube voltmeter to TP2 and adjust T8 for a maximum reading on the voltmeter.	

NO.	ITEM	ADJUSTING PROCEDURE	RATING (REF. VALUE)
3	Signal tuning	 Set for 7.1 MHz and SSB sensitivity measuring conditions: AGC: OFF Connect the vacuum tube voltmeter to TP2 of the CAE-227A IF AMP unit. 	
		(3) Set the signal generator for a level of 5 dB μ and adjust T4 through T7 for a maximum reading on the vacuum tube voltmeter.	
4	Noise blanker adjustment	 Set for 7.1 MHz and AF sensitivity measuring conditions: SG: 10 dBμ, CW. Connect the auto keyer and oscilloscope as shown below. 	
		ANT TP3 CFH-36A SG AUTO KEYER 7// Mark 20ms Space 100ms OSCILLOSCOPE	
		3 Set the NB-1 to ON and the NB control for a maximum level (fully clockwise position).	
	Noise AMP tuning	 Set the auto keyer for mark hold. Adjust T9, T10 and T11 for a maximum output on TP3. If difficult to take the maximum point, adjust the NB level or SG level. 	
	Noise AMP AGC	ⓐ Operate the auto keyer. ① Varying the output level of SG from 10 to 100 dB μ and check the waveform on TP3.	0.6~0.8Vp-p
	Sensitivity adjustment	Rotate RV1 fully clockwise (maximum position)	
	Balance adjustment	 Set the oscilloscope for dual display mode and connect the channel 1 to TP3 of CFH-36A and the channel 2 to TP2 of CAE-227A. Operate the auto keyer and adjust RV2 of CFH-36A so that the spike level of the waveform on TP2 of CAE-227A may be minimum. 	Flat
		CFH-36A TP3	
		CAE-227A TP2 SPIKE	
	NB-2	(i) Make sure the above described width A enlarges when the NB switch is set to the NB-2 position.	

7.2.8 CFL-287 RF TUNE UNIT

NO.	ITEM		ADJUSTING	PROCEDURE		RATING (REF. VALUE)
1	TUNE adjustment ① Connect the output of the tracking to TP1. ② Adjust the tuning controls as tabula				racking-scope	
		Т	UNING	RECEIVING FREQUENCY	CONTROL	
		400	kHz LPF	0.4 MHz or less		300 kHz std. attenuation 400 kHz 3 dB or less 600 kHz 30 dB or more
			SUB 0.8-1.599 MHz	0.8 MHz 1.599 MHz	T9, 10	
		0.4-1.6 MHz	MAIN 0.4-0.799 MHz	0.799 MHz 0.4 MHz	CV5, 6	
		1.C. 4.4 MU-	SUB 2.65-4.399 MHz	2.65 MHz 4.399 MHz	T7, 8 —	
		1.6-4.4 MHz	MAIN 1.6-2.649 MHz	2.649 MHz 1.6 MHz	CV3, 4	TUNE deviation 3 dB or less
		4.4-12.3 MHz	SUB 7.4-12.299 MHz	7.4 MHz 12.299 MHz	T5, 6 —	
		4.4-12.3 MITZ	MAIN 4.4-7.399 MHz	7.399 MHz 4.4 MHz	CV1, 2 —	
		12.3-20.5 MHz		12.3 MHz 20.499 MHz	T3, 4 —	
		20.5-30 MHz		20.5 MHz 29.999 MHz	T1, 2	
		(2) Adjust T9 and T (3) Check if the rece 1.599 MHz. In	ng frequency of 0.8 MH 10 for a tuning frequence viver is tuned at 1.599 M	cy of 0.8 MHz. MHz when setting for a receiving deviation takes place, return t		

NO.	ITEM	ADJUSTING PROCEDURE	RATING (REF. VALUE)
2	1st mixer injection level	 Set RV1 to mid position. Connect the vacuum tube voltmeter to TP2. Switch the receiving frequency over the range from 100 kHz to 29.999 MHz in steps of 1 MHz and check the level. 	0.5 Vrms or more
3	Signal tuning	 Set for 7.1 MHz and SSB sensitivity measuring condition: AGC: OFF Connect the vacuum tube voltmeter to TP2 of CAE-227A. Set the SG for a level of 5 dBμ and adjust T12 for a maximum reading on the voltmeter. 	
4	1st mixer balance	① Set for a receiving frequency of 100 kHz and the MODE to CW. ② Adjust RV1 for a minimum spurious beet.	

7.2.9 CFL-243W BWC UNIT

NO.	ITEM	ADJUSTING PROCEDURE		RATING (REF. VALUE)	
1	20 MHz level	 Fully counterclockwise rotate the BWC control on the front panel of NRD-535. Check the level on TP5, using the oscilloscope. 		2 Vp-p or more	
2	DDS cancel	shown in the	① Connect the oscilloscope to TP6 and adjust RV1 so that the jitter A of the waveform shown in the right diagram may be minimum. Connect the oscilloscope to TP7 and adjust RV2 in the same manner.		
3	Local level and frequency	 ① Check the levels on TP2 and TP3, using the vacuum tube voltmeter. ② Check the frequencies on TP2 and TP3, using the frequency counter. 		0.1 Vrms or more	
			BWC control fully counterclockwise		
		TP2	855 kHz		
		TP3	855 kHz		

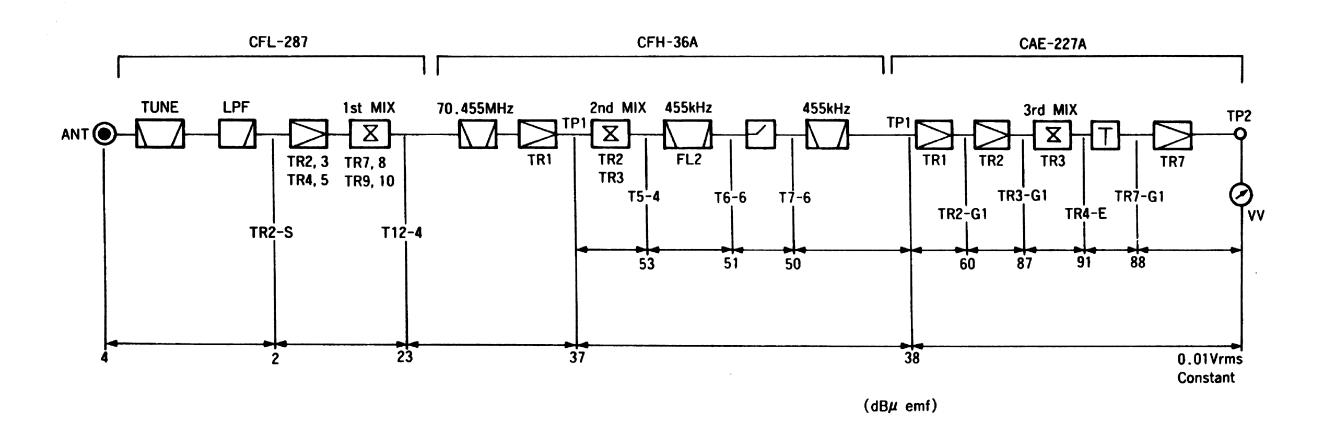
7.2.10 CMF-78 ECSS UNIT

NO.	ITEM	ADJUSTING PROCEDURE	RATING (REF. VALUE)
1	VCO adjustment	 Set the receiving frequency to 7.1 MHz and the mode to AM. Connect the signal generator to the antenna and set for a frequency of 7.1 MHz and output level of 40 dBμ. Connect the digital voltmeter to TP4 of CMF-78. Set the ECSS to ON and adjust RV1 for a voltage of 4.5 V on TP4. 	4.3–4.7 Vdc

7.2.11 CMH-530 RTTY DEMO UNIT

NO.	ITEM		ADJUSTING PROCEDURE		RATING (REF. VALUE)
1	Filter adjustment	① Connect the signal generation.	rator, frequency counter, and CK	J-61 indicator as shown be-	
		7.1MHz FF 60dBµ M CW B	EXT SP NRD-535 MARK CKJ- SPACE INDICA REQUENCY: 7.1MHz ODE: RTTY ANDWIDTH: WIDE GC: FAST		
		RECEIVING FREQUEN MODE: RTTY BANDWIDTH: WIDE AGC: FAST	CY: 7.1 MHz		
		② Rotate RV2 and RV3 full			
		Finely adjust the signal	f the oscilloscope to TP4 and the generator frequency or the rece EXT SP may be 2295 Hz.		
		(5) Adjust RV4 for a maximu			
		In this time, the output l	evel is saturated, and hence clocated.	kwise rotate RV1, until the	
		Set for a shift width of 1			
1			generator frequency or the rece	iving frequency so that the	1
		a Adjust RV5 for a maximum.	EXT SP may be 2125 Hz.		
		1	for 1895 Hz and 1445 Hz in the	e same manner as steps ®	
		SPACE FILTER	SHIFT WIDTH	CONTROL	
		1895 Hz	400 Hz	RV6	
		1445 Hz	850 Hz	RV7	
2	Output level adjustment ① Set for a shift width of 425 Hz (±212.5 Hz). ② Finely adjust the signal generator frequency or the receiving frequency so that the output frequency of the EXT SP may be 2295 Hz or 1895 Hz. ③ Adjust RV2 or RV3 so that the output levels on TP4 and TP5 may be equal. ④ Adjust RV1 so that the output levels on TP4 and TP5 may be equal to 8 Vp-p.				
		(4) Adjust KVI so that the o	output levels on 174 and 175 ma	у ве еquai to в vp-p.	

Fr=7.1MHz MODE: LSB AGC: OFF



SECTION 8: TROUBLESHOOTING

8.1 OUTLINE OF TROUBLESHOOTING

The trouble of the receiver includes only those caused by the failures of the receiver itself but also those caused by the misunderstandings in view of the operation as well as the causes originating from other than the receiver, which results may appear on the receiver. It is, hence, essential to calmly investigate which causes the trouble between a failure of the receiver itself and any external problem.

In this section, the procedure is given for finding possible troubles of the receiver itself. Once the trouble is located, replace associated unit involving the location of the trouble, or procure new parts according to the Section 10 Parts List and replace them.

1.1 CHECK OF POWER CIRCUIT

Upon the investigation of the trouble in the receiver, the voltages of the power supply should be checked at first.

The power supply unit CBD-1080 locates at the rear panel of the main frame. The power voltages of 10.8 V, 9 V and 5 Vdc of this unit should be checked. If any abnormal condition is found, pull off all the plug-in units. In addition, pull off all the connectors on the panel block, except the connector P39. If the abnormal condition still exists in the power supply unit this time, then it may concludes that the power supply unit is defective. If, however, the voltage of 10.8 V can be adjusted again, adjust it and verify the operation.

In the case of the 5 V being abnormal, make sure there is no failure in the panel block, since this power voltage is supplied to the panel block through the connector P37. If each power voltage is not abnoral, when the plug-in units are disconnected, then return the units to ne original places one after another, whereby any defective unit is found. If the substitute units are presented at hand, replace them and make sure they operate normally. For any defective unit, if any, check at first whether or not any short circuit exists in the power supply and parts due to the solder bridge or impurities. In addition, for the C-MOS IC's or the like, check whether or not they have heated abnormally. This is the measure for the check.

If any defective parts is found, replace them with new parts and check the operation.

8.1.2 RECEIVER SENSITIVITY POOR

The case where the sensitivity lowers will be described below.

If there are the substitutive units at hand, then try to replace the RF TUNE unit, CFL-287, at first. Successively, try to replace the IF FIL-TER unit, CFH-36A, IF AMP unit, CAE-227A, and CPU unit, CDC-493AD in this order, and find any defective unit. If the sensitivity still

remains poor after replacing all these units, then check the mother board, CFQ-3597, which connects associated units to the antenna.

In the case of no substitutive unit, you must find which unit is defective. The procedure for finding this will be described below.

Check whether the sensitivity is poor in all the bands (for the bands, refer to the description of the operation in the receiver block) or in a specific band only. The checking method is as follows: If the signal generator or the like is present at your hand, measure the sensitivity at each band and compare the measured value with specified value. If the signal generator or the like is not obtainable, try to receive the broadcast wave in each band, then operate the controls to pass the received signal through the tuning circuit at one hand and take the pass operation to pass the signal through the bypass filter of 1.6 MHz on the other hand. Thus, determine in which band the sensitivity is poor, based on the difference of the sensitivity between both operations.

(1) Sensitivity poor at specified band

In the case where the sensitivity is poor at specific band, the following three points are considerable for a defective part.

a) Band change-over of the tuning circuit

Some parts may be defective. Check IC1 and CD5 through CD10 in the CFL-287 unit and IC6 in the CDC-493AD unit.

b) Tuning circuit

Some parts may be defective and poor adjustment is possible. At first adjust again according to the adjusting procedure. If this readjustment is not effective, some parts may be defective. Check the tuning transformers in the CFL-287 unit as well as the trimmer capacitors and SUB band change-over relay.

c) Tuning voltage generator circuit

Some parts may be defective and poor adjustment is possible. At first adjust again according to the adjusting procedure. If this readjustment is not effective, some parts may be defective. Check the tuning voltage generator circuit in the CDC-493AD unit.

(2) Sensitivity in all the bands

In the case where the sensitivity is poor over all bands, a defective circuit will be found by checking the levels at some points on the route of the received signal. To do the checks, the levels at the check points are measured, with referring to the level diagrams in Paragraph 7.3. Search the circuits for a point, where the measured value is greatly different from the standard value on the

level diagram. It is noted that the standard values on the level diagram are somewhat different from the measured values.

If the defective circuit involves some adjustable points, readjust them according to the adjusting procedure. If this readjustment is not effective, some parts may be defective. Check possible parts belonging to the defective circuit.

8.1.3 NO SOUND FROM SPEAKER

As for the case where no sound is produced at all from the speaker, the procedure for locating a defective circuit will be described below.

At first, check whether the connecting line of the speaker is broken or not and whether the MUTE terminal on the rear panel is used or not.

Next, make sure the PLL loop in the synthesizer block is not locked out. The lock out state can be checked with the UNLOCK LED of CD10 in the CGA-145 unit and the UNLOCK LED of CD8 in the CGK-127A unit.

If the synthesizer block is operation normally, then check the squelch circuit. Try to rotate the SQUELCH control on the front panel and see the SQUELCH LED on the front panel. If this LED remains illuminated, the squelch circuit may be defective. The squelch circuit actuates different circuits between when the FM mode is selected and when other mode is selected, as explained in the Description of Operation. If, accordingly, the squelch circuit is abnormal, irrespective of the mode, then check IC9, IC10 and IC11 in the CAE-227A unit as well as the SQUELCH control RV5 on the front panel. If abnormal with the FM mode only, then check the FM detector circuit, above all, IC8 in the CAE-227A. If abnormal with other mode than the FM mode, then check the AGC circuit in the CAE-227A.

8.1.4 THE OPERATION NOT POSSIBLE

In the case where a failure exists in the control system, i.e., the control block and the panel block, the NRD-535 may be no more operable. The control block and the panel block in the NRD-535 icorporates their respective microcomputers. If the microcomputer faults or its peripheral IC is defective, the operation of the receiver may be also not possible. By the way, to search the control system for either defective microcomputer or any defective IC, you must be familiar with the basic performance of each IC and as well as in what way the IC is used from the viewpoint of the constitution of the circuit, and then check the IC's one after another.

In this paragraph, for occurred troubles, only clearly considerable causes will be described below.

a) No display with power-on

Is the power circuit for the fluorescent display tube normally operating? Check the choke coil L1, transformer T1 and transistors TR1 and TR2 with respect to the damage or the like. Is the

- heater for the fluorescent display tube not broken? Visually check the heater.
- b) No operation with the switch pressed; the display satisfactory If one switch does not operate, check the switch itself. If several switches become defective at once, check IC5 and IC6 in the CDE-705 unit.
- The receiving frequency not changeable by rotating the tuning dial; the key switches satisfactory

Check PG1 and IC7 in the CDE-705 unit.

d) PBS or BWC not operative

If the PBS or BWC is not operative, check the PBS control RV1 or the BWC control RV2 in the CDE-705 unit, respectively.

e) The internal clock deviating

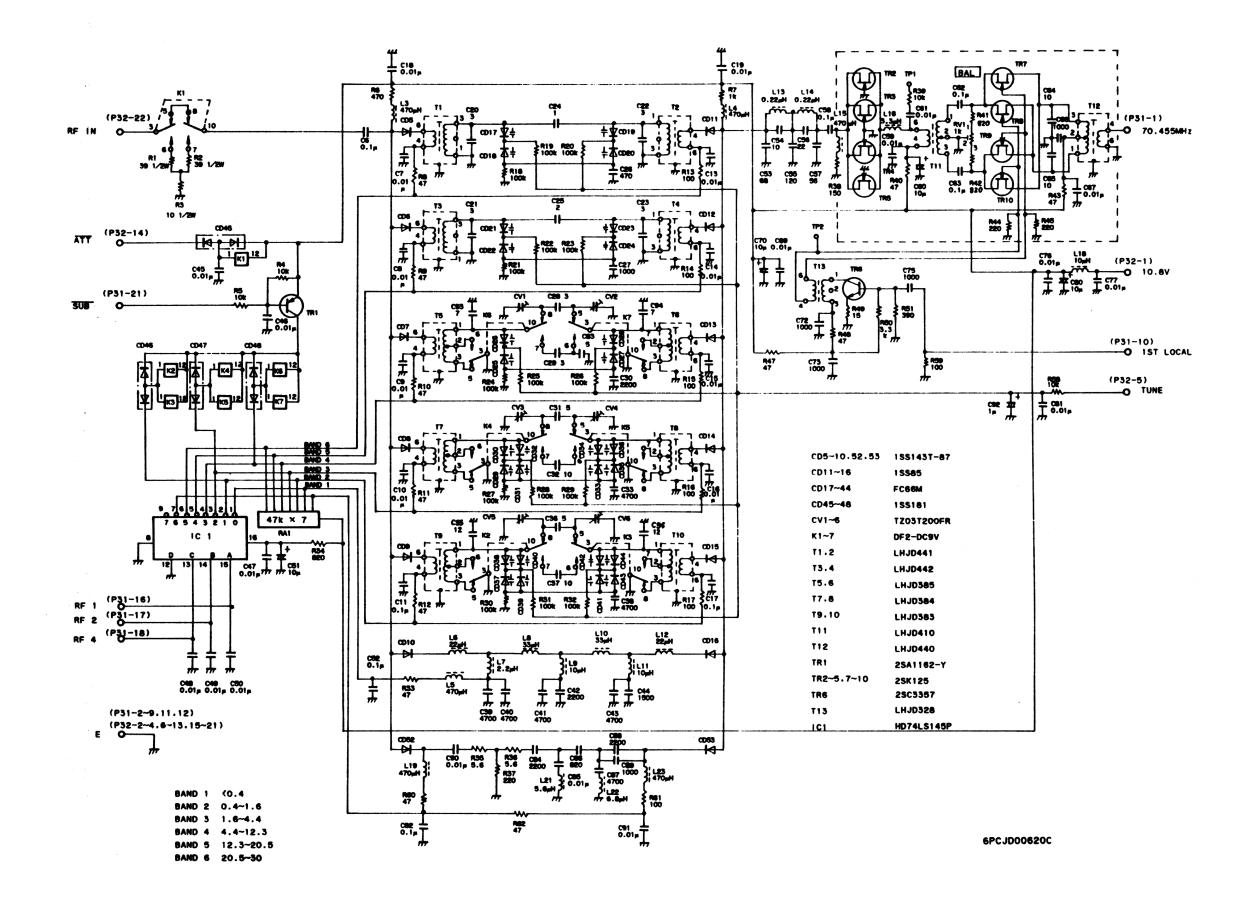
If the time deviation of the internal clock is great, then connect the frequency counter to TP1 of the CDE-705 DISPLAY unit adjust the trimmer capacitor CV1 so that the frequency of oscillation may be 64 Hz.

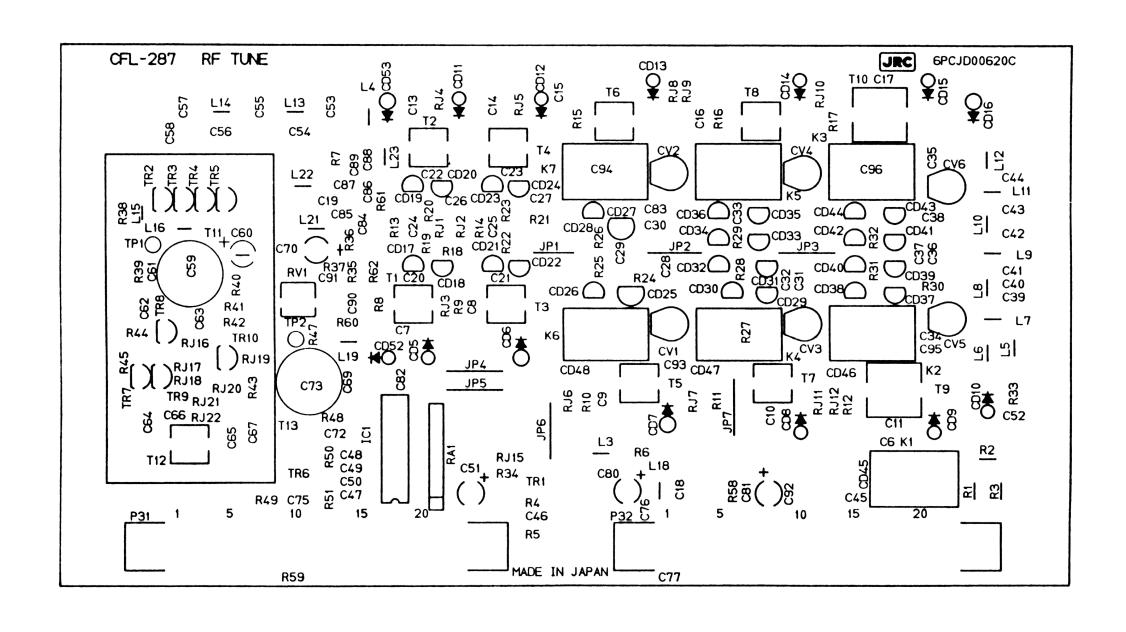
8.1.5 NOTCH NOT TURNING OFF

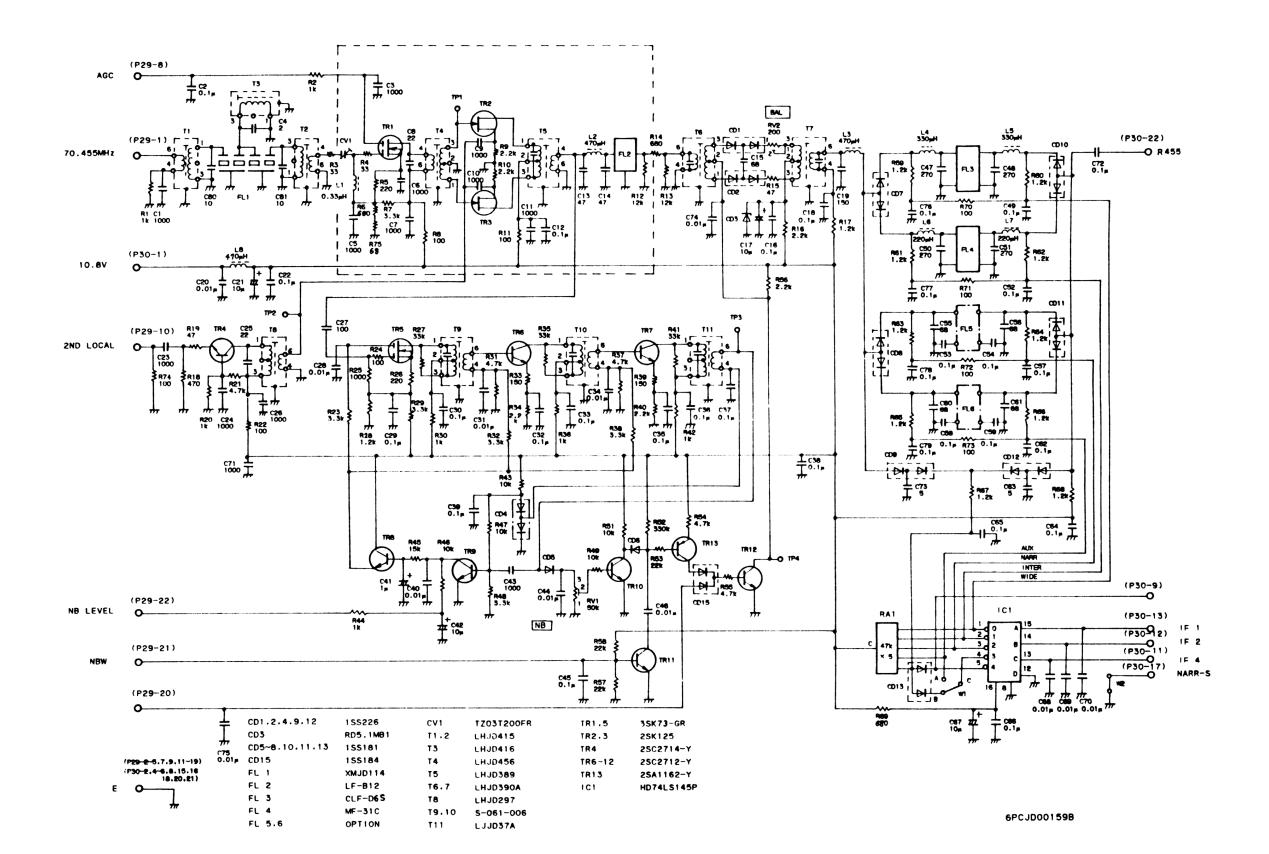
In the case where the NOTCH circuit remains operating even when the NOTCH control is set to OFF, readjust according to No. 3 for the CAE-227A IF AMP unit in Paragraph 7.2.6.

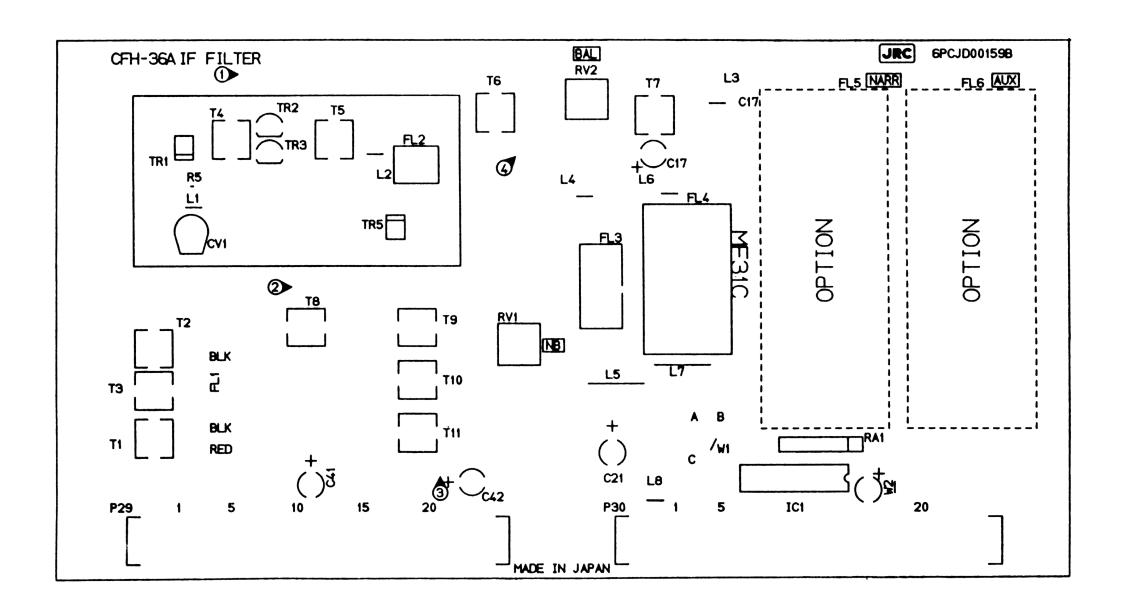
SECTION 9: CIRCUIT DIAGRAM AND COMPONENT LAYOUT

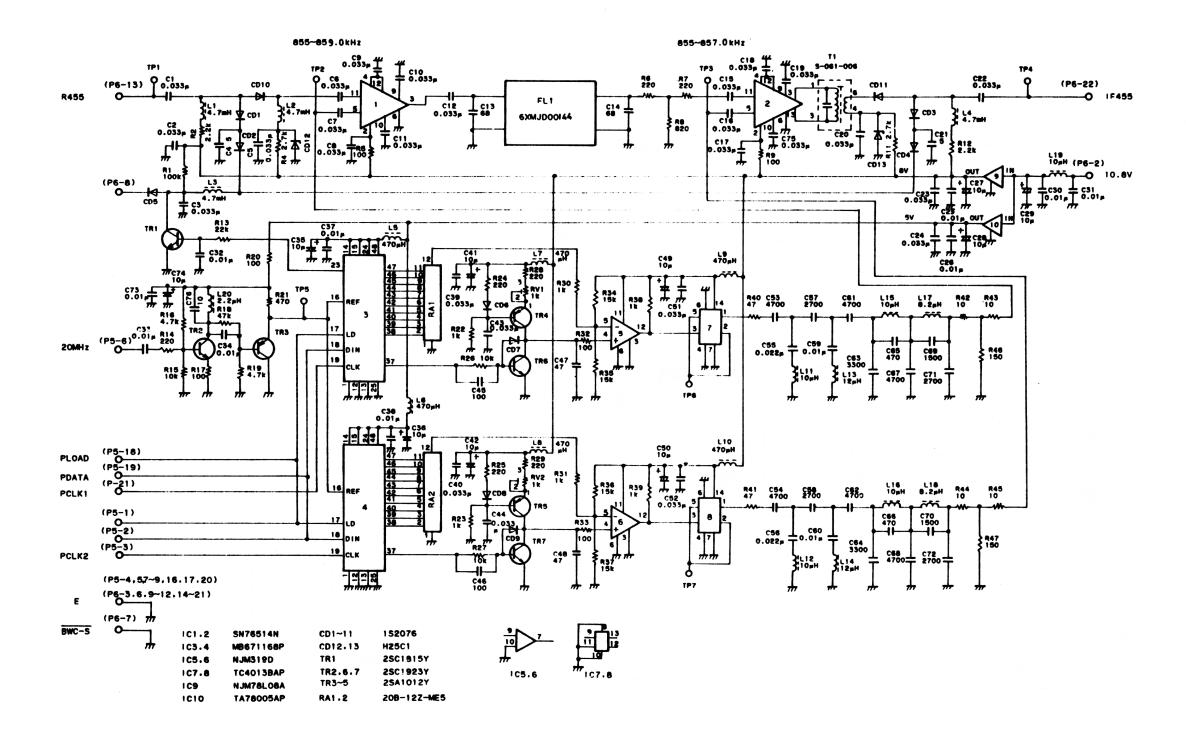
1.	CFL-287	RF TUNE UNIT	32
2.	CFH-36A	IF FILTER UNIT	34
3.	CFL-243W	BWC UNIT	36
4.	CAE-227A	IF AMP UNIT	38
5.	CMF-78	ECSS UNIT	40
6.	CGA-145	LOOP1 UNIT	42
7.	CGK-127A	REF/DDS UNIT	44
8.	CDC-493AD	CPU UNIT	46
9.	CMH-530	RTTY DEMO UNIT	48
10.	CDE-705	DISPLAY UNIT	50
11.	NRD-535	CHASSIS	52



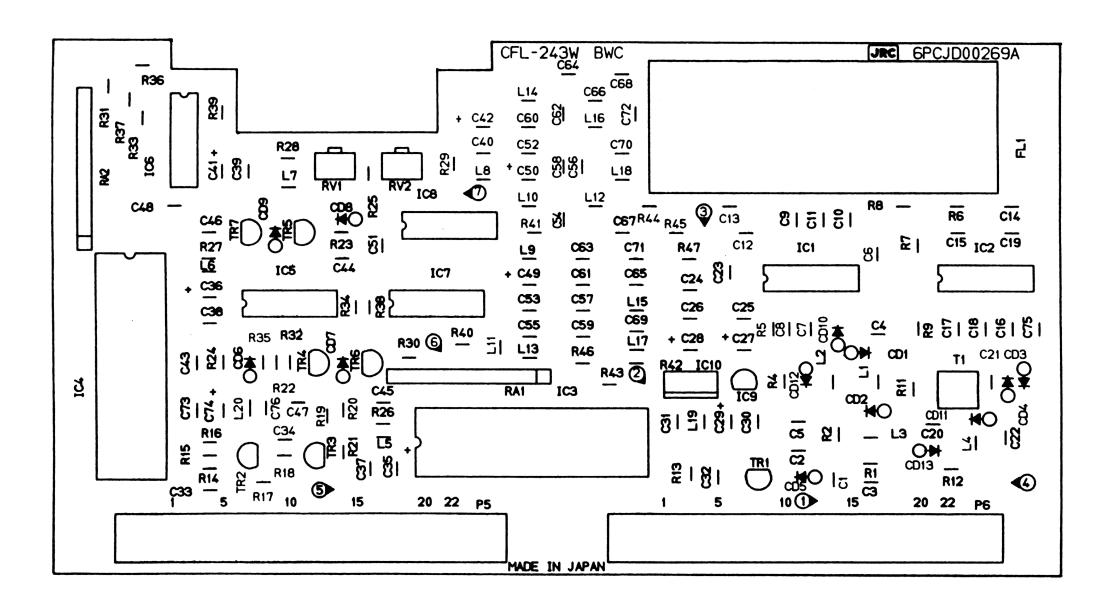


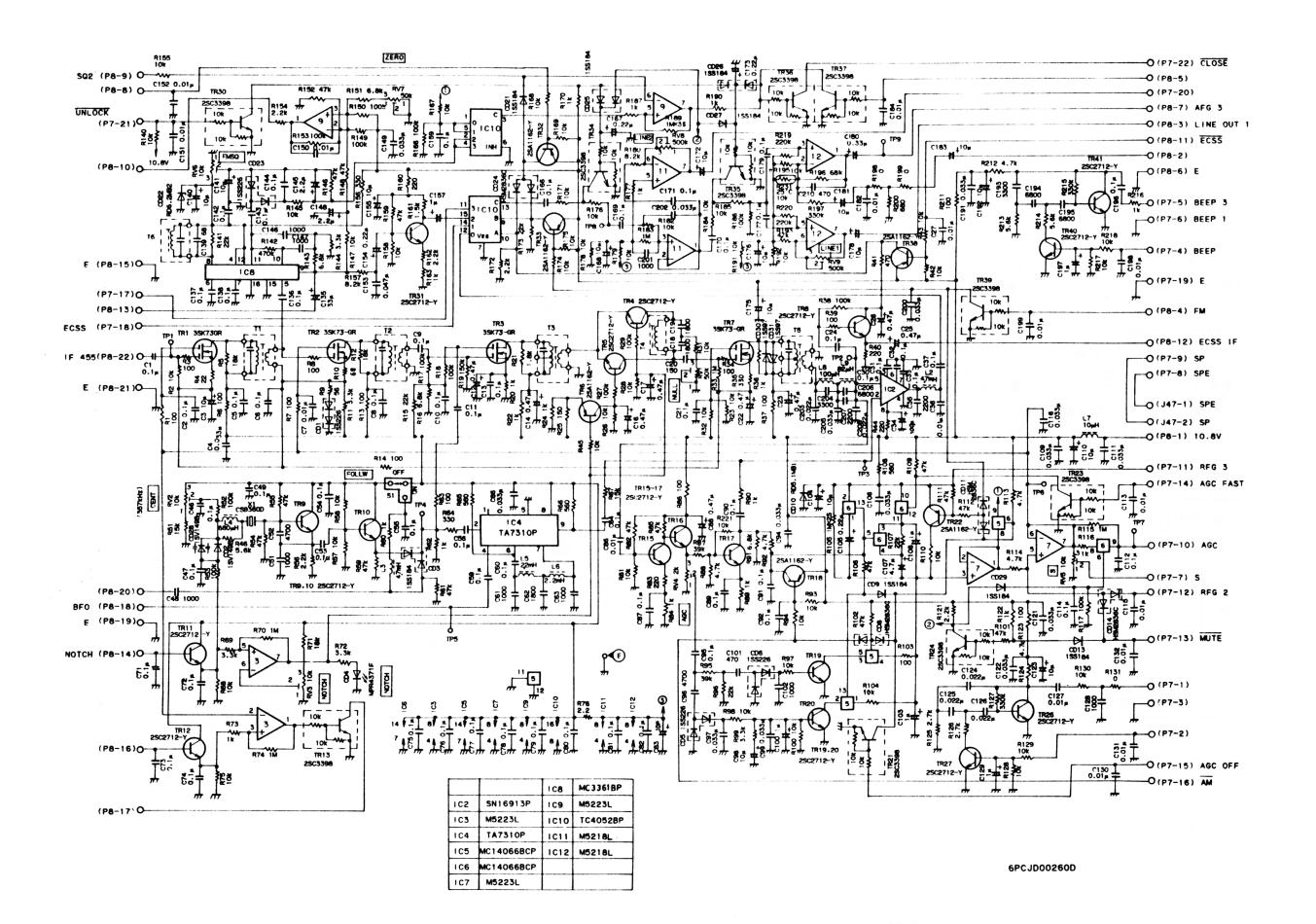


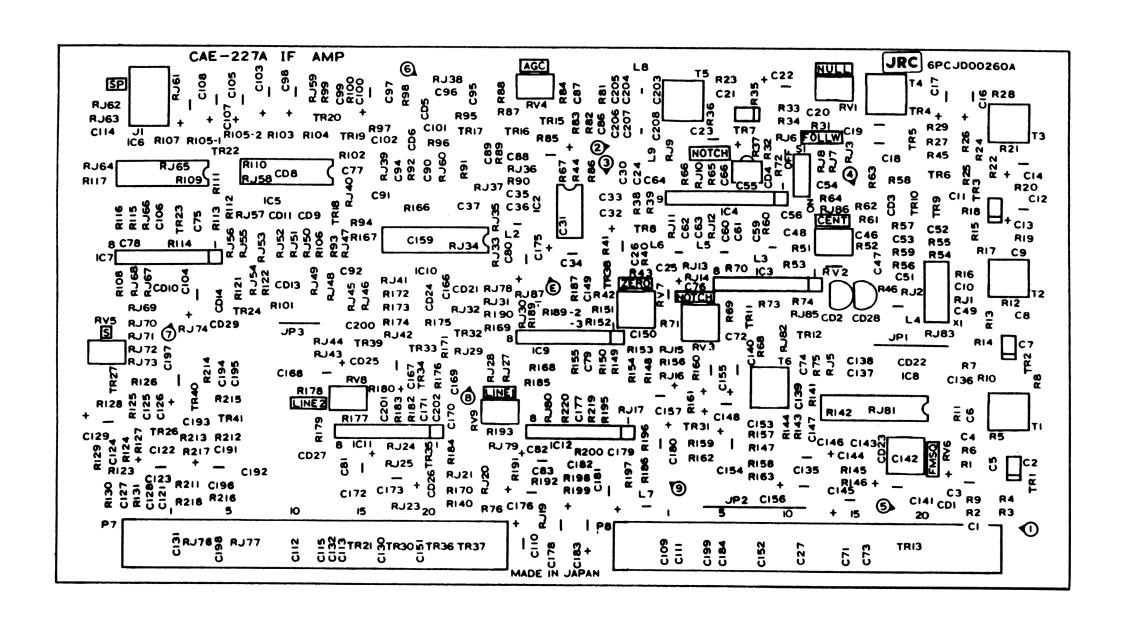


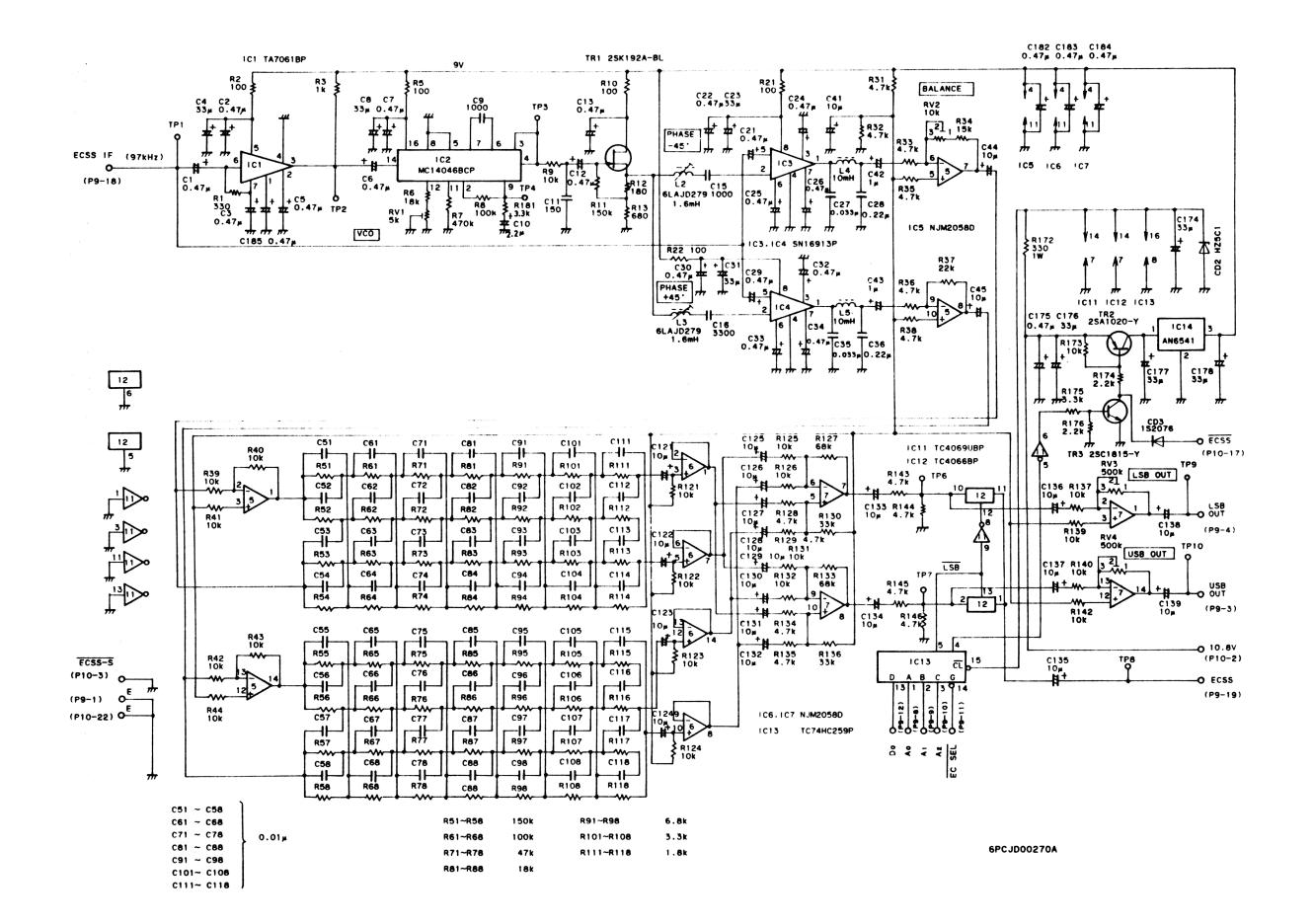


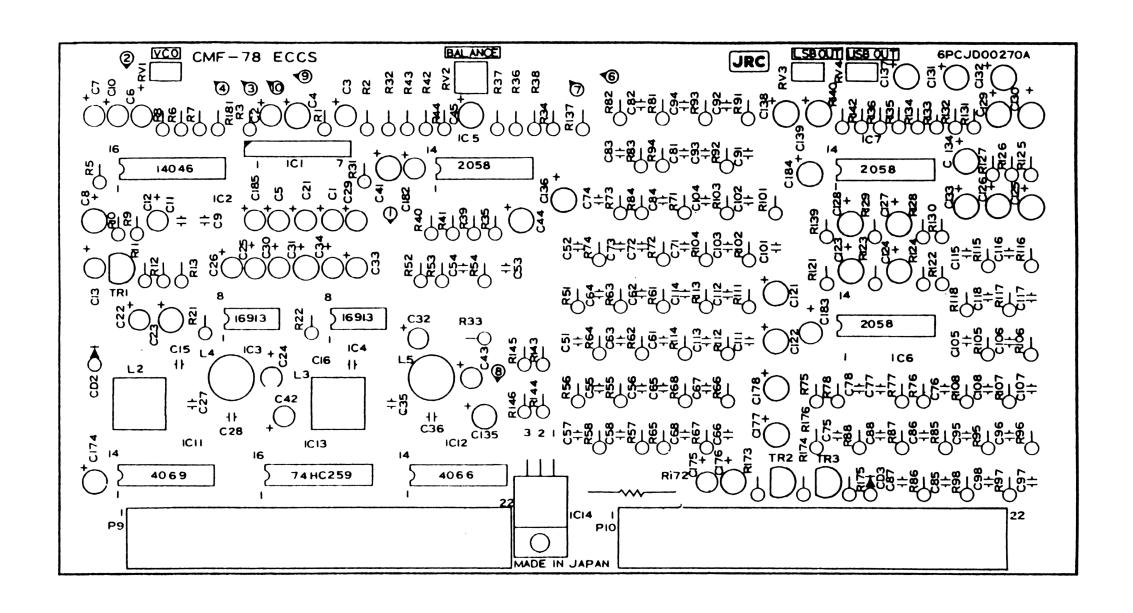
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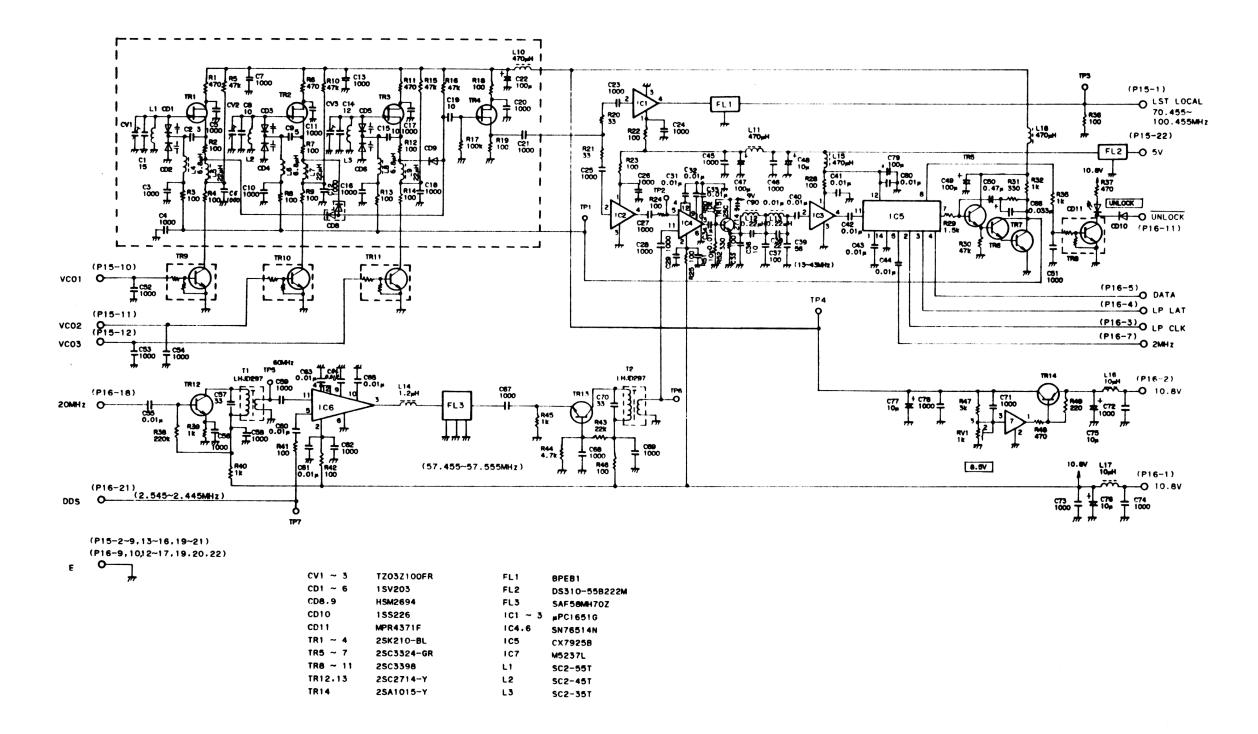




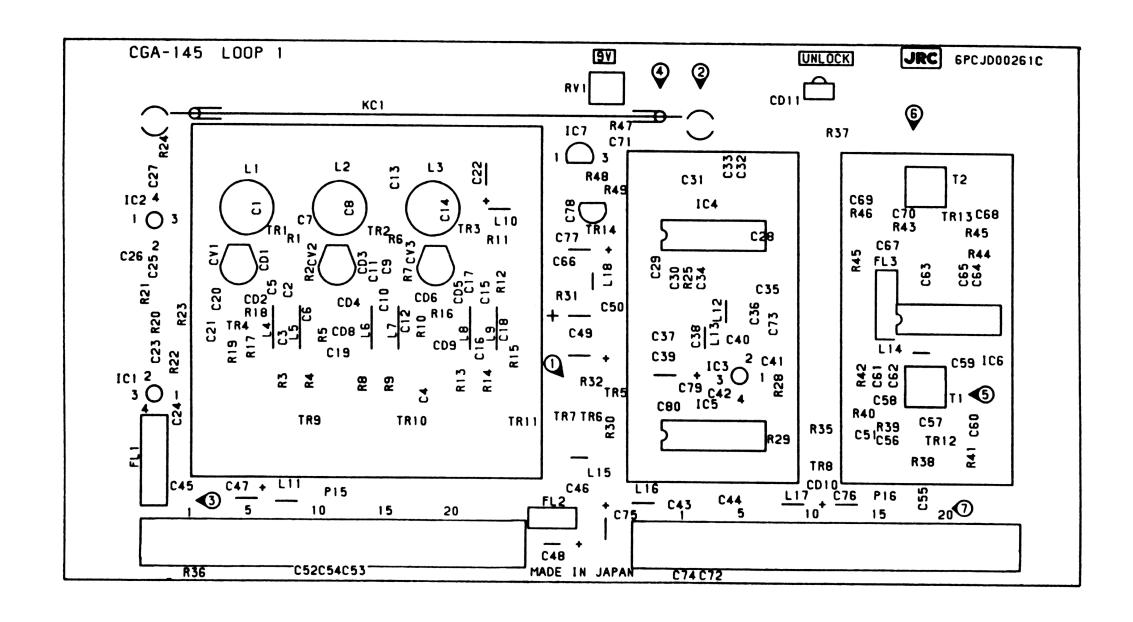


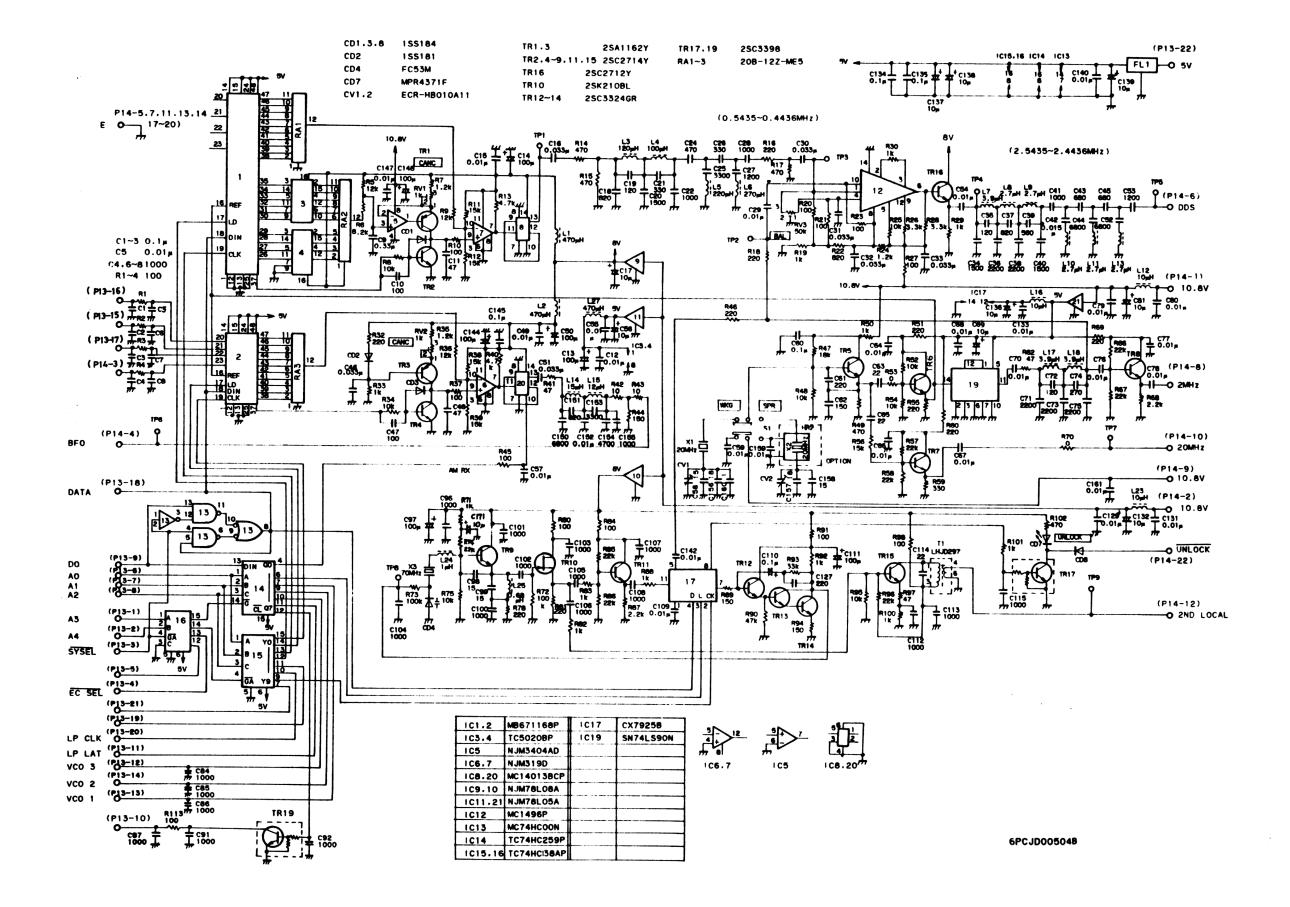


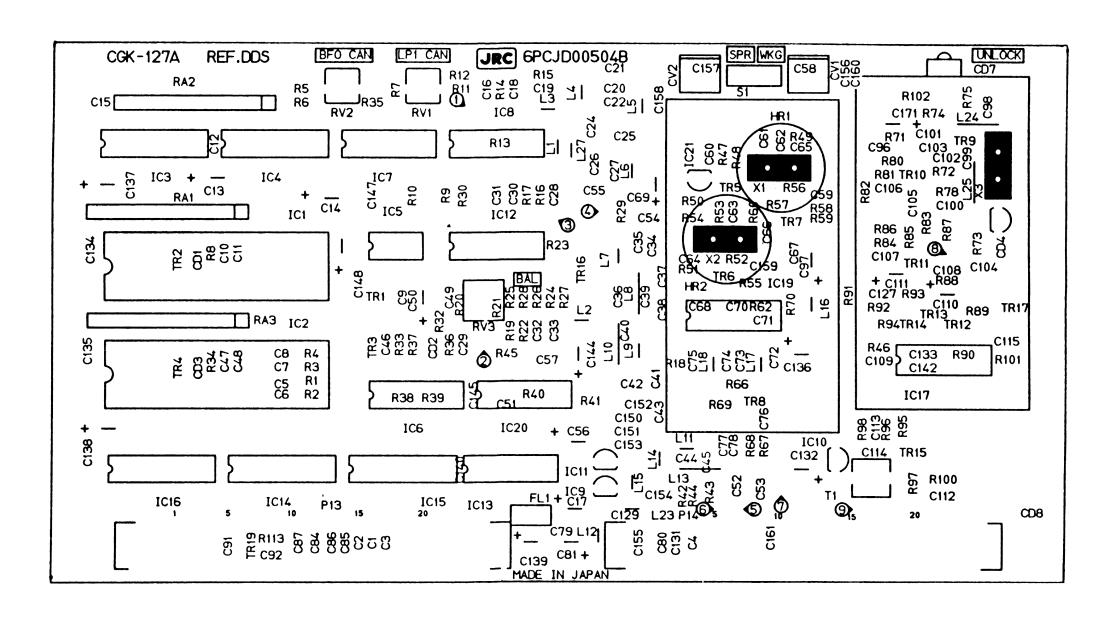


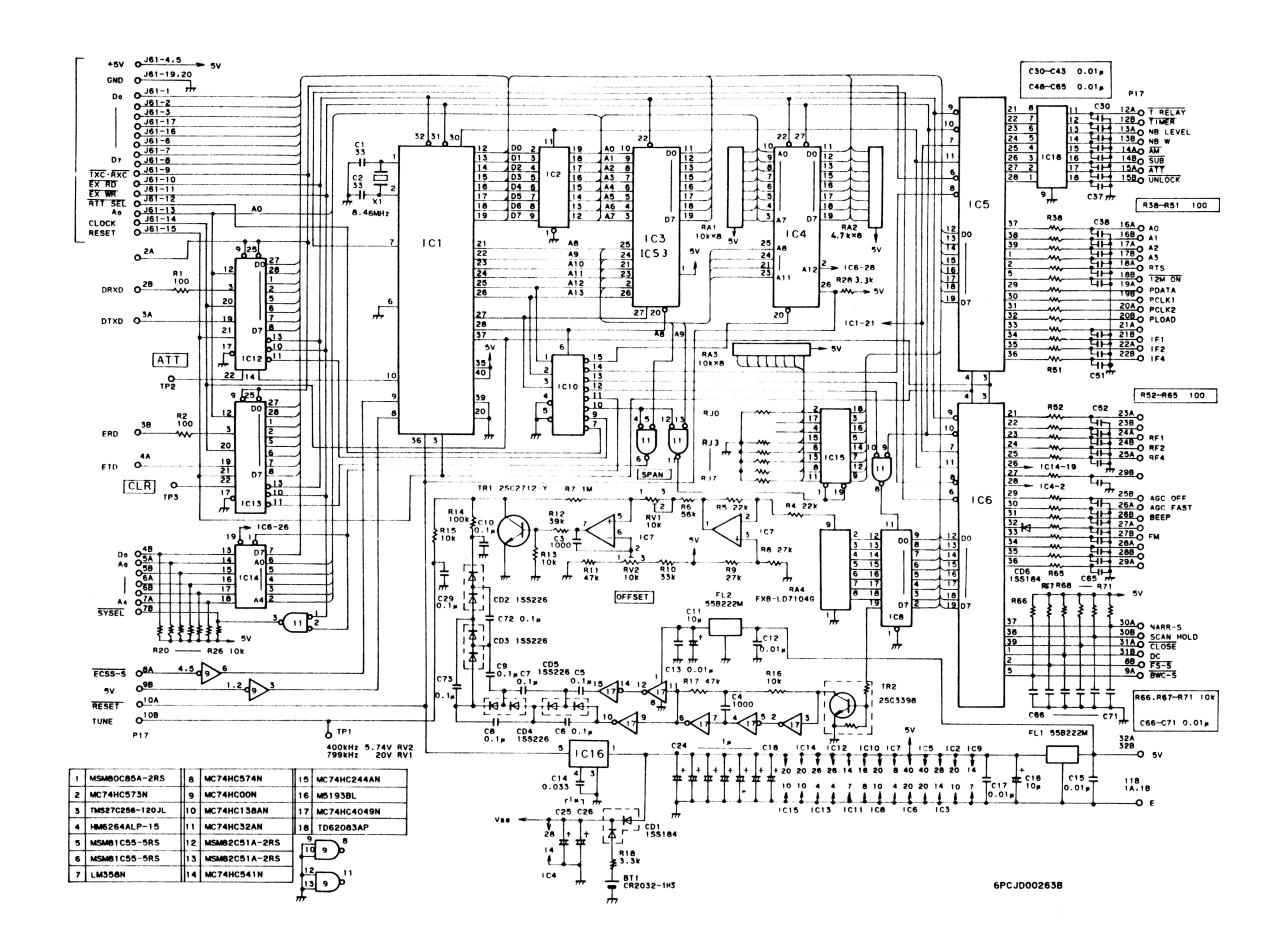


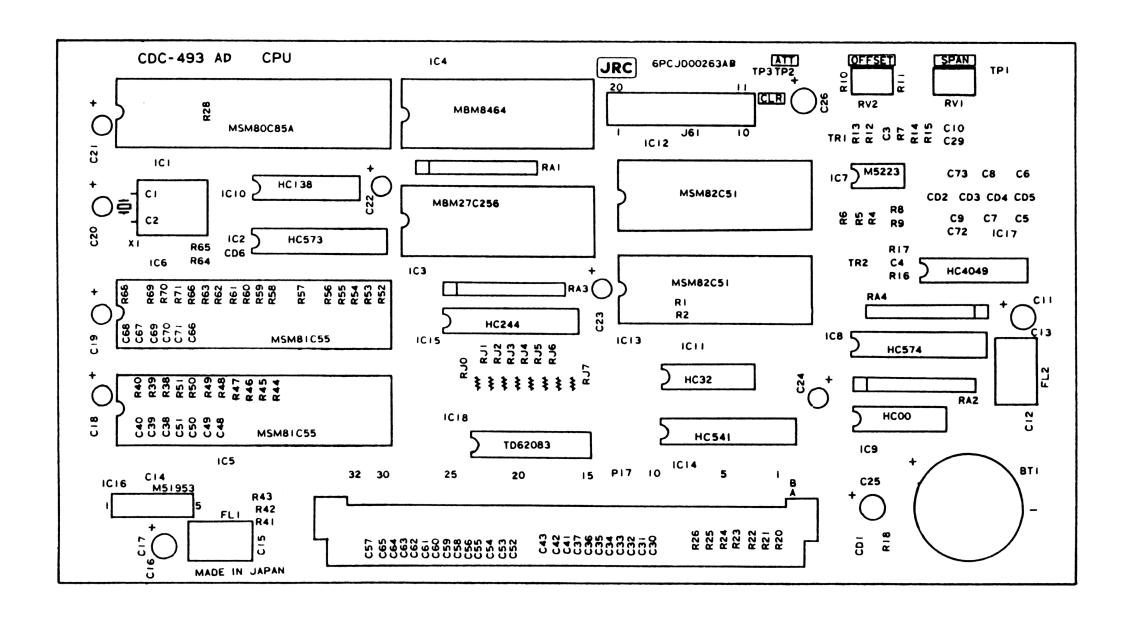
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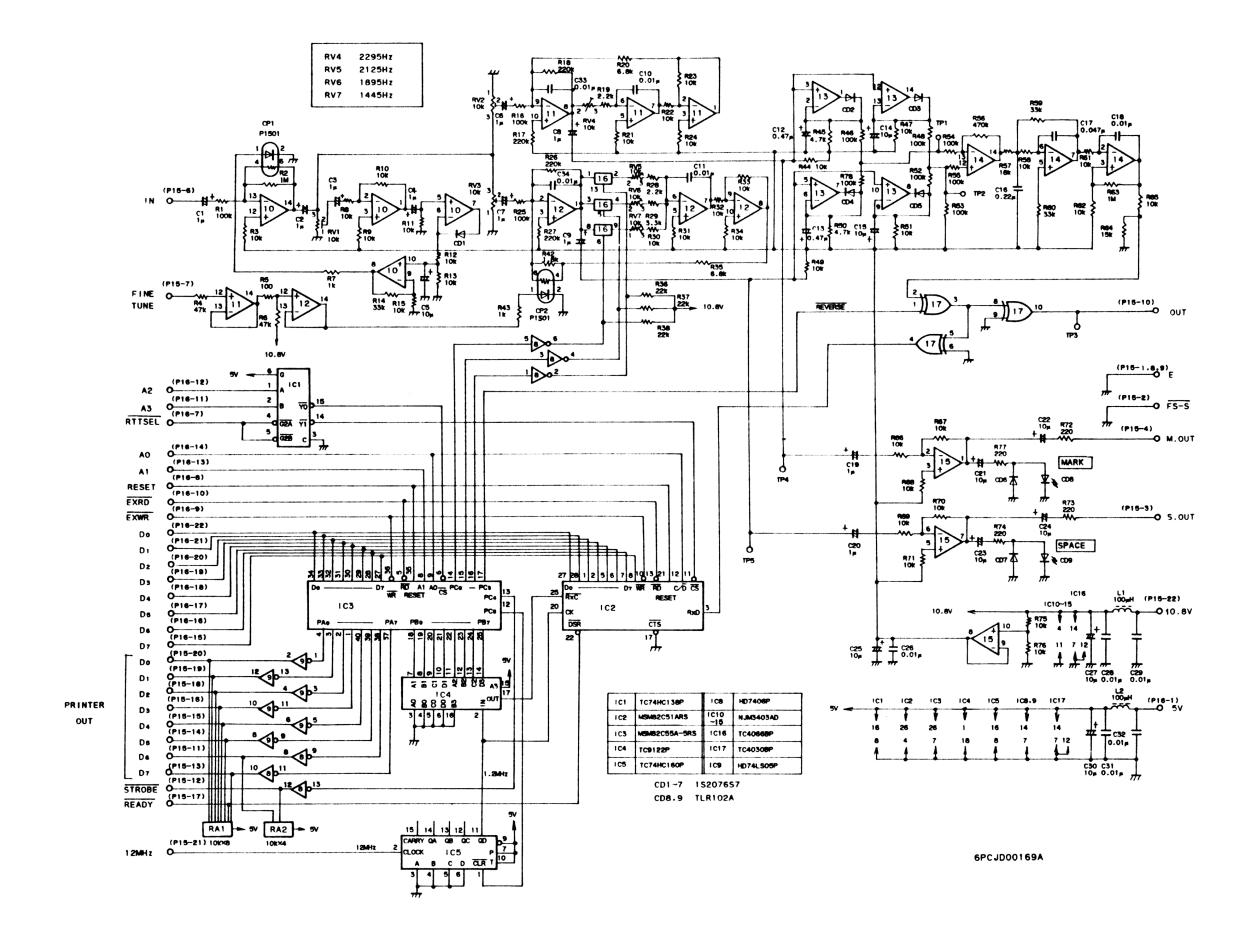


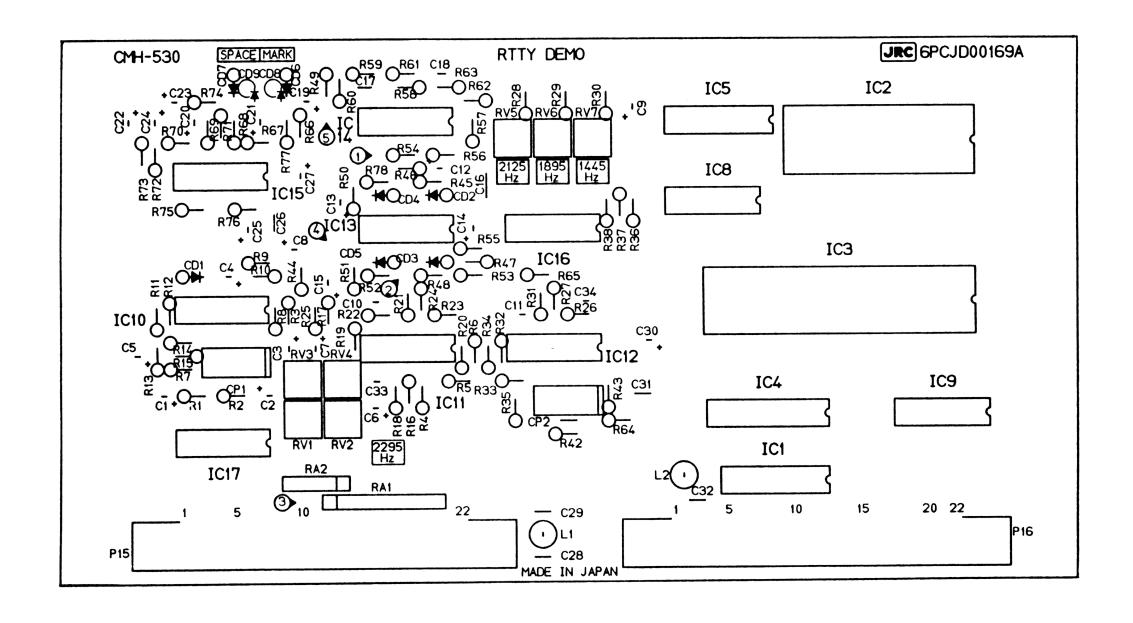


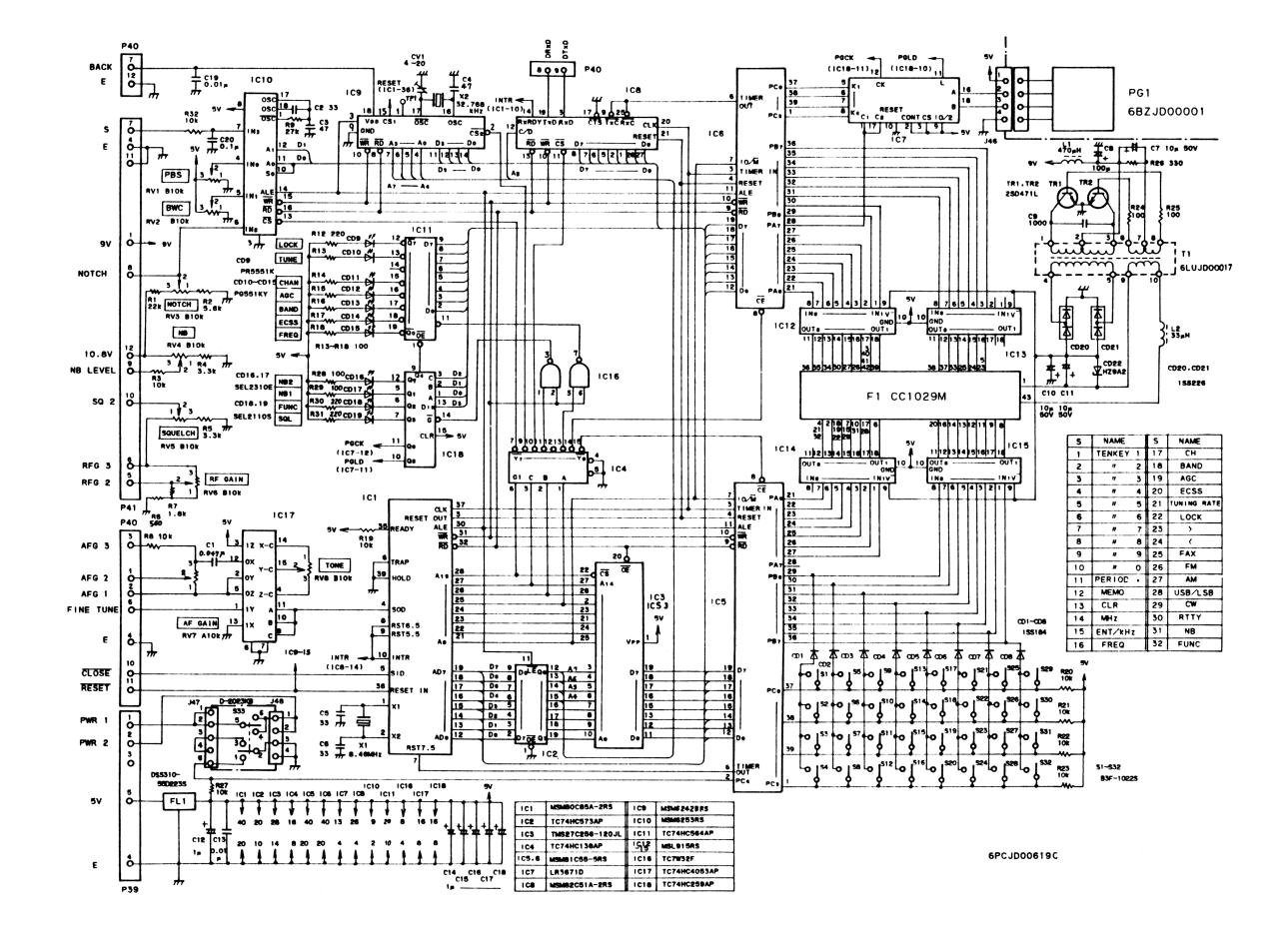


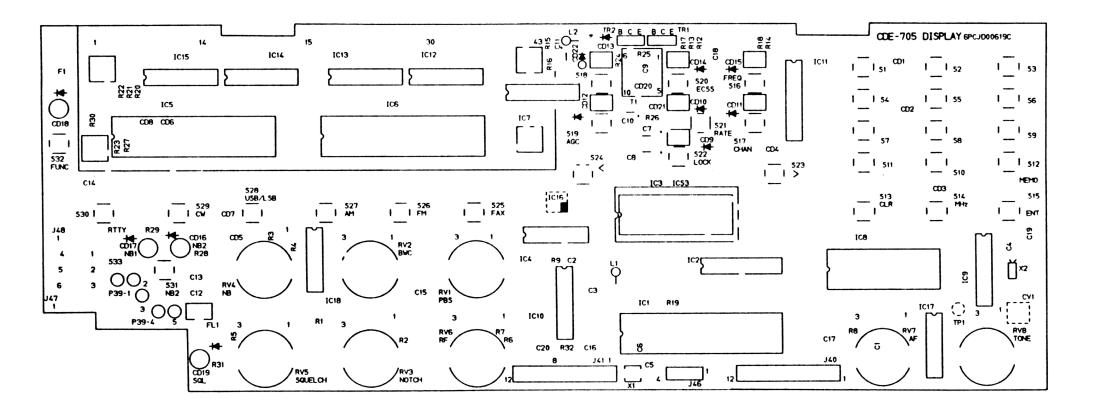


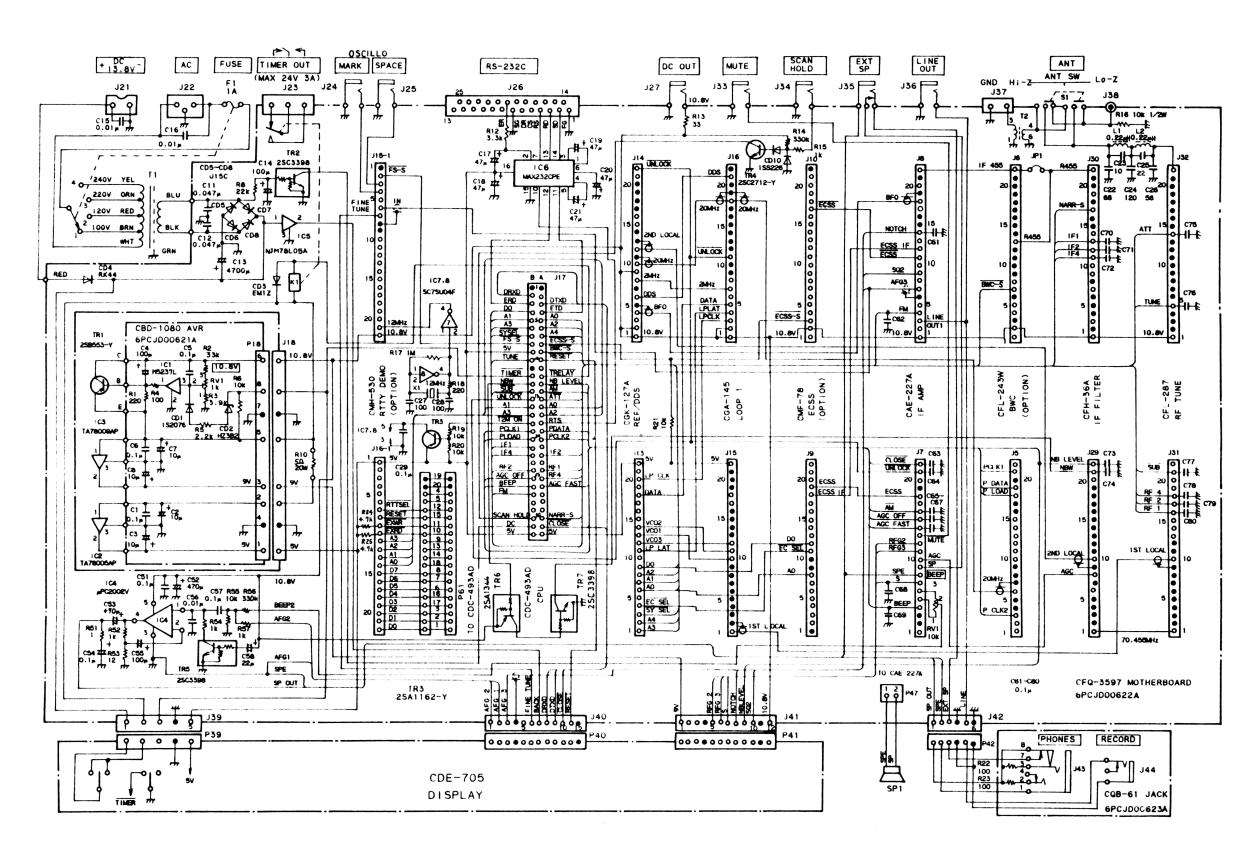


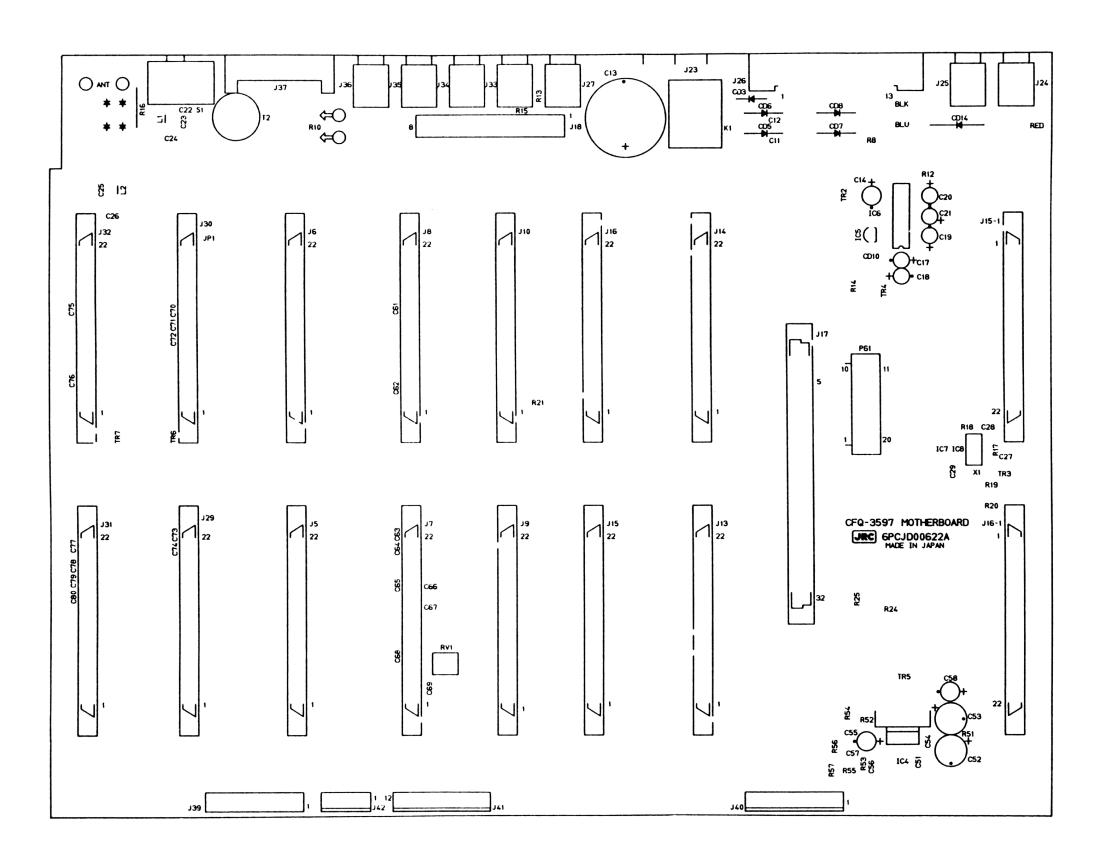


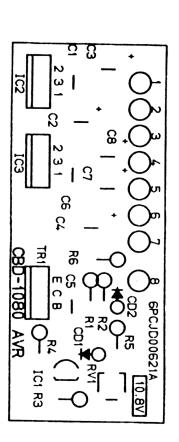












CBD-1080 AVR UNIT

SECTION 10: PARTS LIST

1.	RF TUNE	CFL-287	56
2.	IF FILTER	CFH-36A	60
3.	BWC	CFL-243W	64
4.	IF AMP	CAE-227A	67
5.	ECSS	CMF-78	75
6.	LOOP1	CGA-145	79
7.	REF/DDS	CGK-127A	82
8.	CPU	CDC-493AD	87
9.	RTTY DEMO	CMH-530	90
0.	DISPLAY	CDE-705	93
11.	CHASSIS	NRD-535	96
2.	JACK	CQB-61	98
3.	AVR	CBD-1080	98
4	ACCESSORY	NRD-535FII7OKII	99

		RF	TUNE	CFL-287	SHEET NO.			RF	TUNE	CFL-287	SHEET NO
ART NO	PART	NAME	TYPE	DESCRIPTION	CODE	PART NO	PART	NAME	TYPE	DESCRIPTION	CODE
6	CAP, FXD	C CER	C3216JF1H1D4Z-E-TP	50V 0.1UF	5 C A A D O 1 2 6 8	C 4 4	CAP,FXD	CER	C3216SL1H152J-E-TP	1500PF	5CAAD00791
7	CAP, FXD	C CER	C3216JB1H1O3K-E-TP	50v 0.01uf	5CAAD00789	C 4 5	CAP, FXD	C CER	C3216JB1H103K-E-TP	50V 0.01UF	5CAAD00789
8	CAP, FXD	C CER	C3216JB1H1O3K-E-TP	50v 0.01uf	5CAAD00789	C 4 6	CAP, FXD	C CER	C3216JB1H103K-E-TP	50v 0.01ur	5CAAD00789
9	CAP, FXD	C CER	C3216JB1H1O3K-E-TP	50v 0.01uf	5CAAD00789	C 4 7	CAP, FXD	C CER	C3216JB1H103K-E-TP	50V 0.01UF	5CAAD0078
10	CAP, FXD	C CER	C3216JB1H103K-E-TP	50V 0.01UF	5 C A A D O O 7 8 9	₅ C 4 8	CAP, FXD	C CER	C3216JB1H103K-E-TP	50V 0.01UF	5 C A A D O O 7 8 9
11	CAP,FXD	C CER	C3216JF1H104Z-E-TP	50V 0.1UF	5CAAD01268	c 4 9	CAP, FXD	C CER	C3216JB1H103K-E-TP	50V 0.01UF	5CAAD0078
13	CAP, FXD	C CER	C3216JB1H103K-E-TP	50V 0.01UF	5 C A A D O O 7 8 9	c 5 O	CAP,FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5 C A A D O O 7 8 9
14	CAP, FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5 C A A D O O 7 8 9	C 5 1	CAP, FXD	ELCTLT	ECE-A1EU100B		5CEAA01864
15	CAP, FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5 C A A D O O 7 8 9	C 5 2	CAP, FXD	C CER	C3216JF1H104Z-E-TP	50v 0.1uf	5CAAD01268
16	CAP,FXD	C CER	C3216JB1H103K-E-TP	50V 0.01UF	5 C A A D O O 7 8 9	C 5 3	CAP, FXD	CER	C3216CH1H68OJ-E-TP	68PF	5 C A A D O O 9 2 S
17	CAP,FXD	C CER	C3216JF1H104Z-E-TP	50v 0.1uf	5CAAD01268	C 5 4	CAP,FXD	CER	C3216CH1H100D-E-TP	10PF	5CAAD00785
18	CAP, FXD	C CER	C3216JB1H103K-E-TP	50V 0.01UF	5CAAD00789	C 5 5	CAP, FXD	CER	C3216CH1H121J-E-TP	120PF	5 C A A D O O 9 3 1
19	CAP, FXD	C CER	C3216JB1H1O3K-E-TP	50v 0.01ur	5 C A A D O O 7 8 9	C 5 6	CAP, FXD	CER	C3216CH1H22OJ-E-TP	22PF	5 C A A D O O 8 6 9
20	CAP, FXD	C CER	C3216CH1H030C-E-TP	50V 3PF	5CAAD00796	C 5 7	CAP, FXD	CER	C3216CH1H56OJ-E-TP		5 C A A D O O 8 6 3
21	CAP,FXD	C CER	C3216CH1H030C-E-TP	50V 3PF	5 C A A D O O 7 9 6	c 5 8	CAP, FXD	C CER	C3216JF1H104Z-E-TP	50v 0.1uf	5CAAD01268
22	CAP, FXD	C CER	C3216CH1HO3OC-E-TP	50V 3PF	SCAAD00796	C 5 9	CAP, FXD	C CER	C3216JB1H103K-E-TP	50V 0.01UF	5CAAD00789
23	CAP,FXD	C CER	C3216CH1H030C-E-TP	50V 3PF	5CAAD00796	C 6 O	CAP, FXD	ELCTLT	ECE-A1EU100B		5CEAA01864
24	CAP,FXD	CER	C3216CH1H010C-E-TP	50V 1PF	5 C A A D O O 7 9 5	C 6 1	CAP, FXD	C CER	C3216JB1H103K-E-TP	50V 0.01UF	5CAAD00789
25	CAP, FXD	C CER	C3216CH1H02OC-E-TP	50V 2PF	5CAAD00798	C 6 2	CAP, FXD	C CER	C3216JF1H104Z-E-TP	50V 0.1UF	5CAAD01268
26	CAP, FXD	CER	C3216CH1H471J-E-TP	470PF	5 C A A D O O 7 9 7	2 O C 6 3	CAP,FXD	C CER	C3216JF1H104Z-E-TP	50v 0.1uf	5CAAD01268
27	CAP, FXD	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782	C 6 4	CAP, FXD	CER	C3216CH1H100D-E-TP	10PF	5CAAD00785
28	CAP, FXD	C CER	C3216CH1HO3OC-E-TP	50V 3PF	5CAAD00796	C 6 5	CAP, FXD	CER	C3216CH1H100D-E-TP	10PF	5 C A A D O O 7 8 5
29	CAP, FXD	C CER	C3216CH1HO3OC-E-TP	50V 3PF	5CAAD00796	¢66	CAP, FXD	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782
30	CAP, FXD	CER	C3216SL1H222J-E-TP	2200PF	5CAAD00792	C 6 7	CAP, FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5 C A A D O O 7 8 S
31	CAP, FXD	C CER	C3216CH1H050C-E-TP	50V 5PF	5 C A A D O O 8 O O	2 5 C 6 9	CAP,FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5 C A A D O O 7 8 S
32	CAP, FXD	CER	C3216CH1H100D-E-TP	10PF	5 C A A D O O 7 8 5	c 7 O	CAP,FXD	ELCTLT	ECE-A1EU100B		5CEAA01864
33	CAP, FXD	CER	C3216JB1H472K-E-TP	4700PF	5CAAD01138	c 7 2	CAP, FXD	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782
36	CAP, FXD	C CER	C3216CH1H050C-E-TP	50V 5PF	5 C A A D O O 8 O O	c 73	CAP, FXD	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782
37	CAP, FXD	CER	C3216CH1H100D-E-TP	10PF	5CAAD00785	c 75	CAP, FXD	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782
38	CAP, FXD	CER	C3216JB1H472K-E-TP	4700PF	5 C A A D O 1 1 3 8	₃₀ C 76	CAP,FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5 C A A D O O 7 8 9
39	CAP, FXD	CER	C3216JB1H472K-E-TP	4700PF	5CAAD01138	c77	CAP, FXD	C CER	C3216JB1H103K-E-TP	50V 0.01UF	5 C A A D O O 7 8 9
40	CAP, FXD	CER	C3216JB1H472K-E-TP	4700PF	5CAAD01138	c 8 O	CAP,FXD	ELCTLT	ECE-A1EU100B		5CEAA01864
41	CAP,FXD	CER	C3216JB1H472K-E-TP	4700PF	5CAAD01138	c 8 1	CAP, FXD	C CER	C3216JB1H103K-E-TP	50V 0.01UF	5 C A A D O O 7 8 9
42	CAP,FXD	CER	C3216SL1H222J-E-TP	2200PF	5CAAD00792	C 8 2	CAP, FXD	C CER	C3216JF1H104Z-E-TP	50v 0.1uf	5CAAD01268
43	CAP, FXD	CER	C3216JB1H472K-E-TP	4700PF	5CAAD01138	C 8 3	CAP, FXD	C CER	C3216CH1H050C-E-TP	50V 5PF	5 C A A D O O 8 O C

PARTS LIST

PARTS LIST

			RF	TUNE	E CFL-287	SHEET NO				RF 1	UNE	CFL-287	SHEET NO.
PART	NO PA	R T	NAME	TYPE	DESCRIPTION	CODE	PART	Ю	PART	NAME	ТҮРЕ	DESCRIPTION	CODE
C 8 4	CAP,F	X D	CER	C3216SL1H222J-E-TP	2200PF	5CAAD00792	CD27		DIODE		FC66M-010		5TXAB00035
C 8 5	CAP,F	X D	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5CAAD00789	CD28		DIODE		FC66M-010		5TXAB00035
C 8 6	CAP,F	X D	CER	C3216SL1H821J-E-TP		5CAAD01068	CD29		DIODE		FC66M-010		5TXAB00035
c 8 7	CAP,F	X D	CER	C3216JB1H472K-E-TP	4700PF	5CAAD01138	CD30		DIODE		FC66M-010		5TXAB00035
C 8 8	CAP,F	X D	CER	C3216SL1H222J-E-TP	2200PF	5CAAD00792	5 CD 31		DIODE		FC66M-010		5TXAB00035
C 8 9	CAP,F	X D	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782	CD32		DIODE		FC66M-010		5TXAB00035
C 9 O	CAP,F	X D	C CER	C3216JB1H103K-E-TP	50v 0.01uf	5CAAD00789	CD33		DIODE		FC66M-010		5TXAB00035
c 9 1	CAP,F	X D	C CER	C3216JB1H1O3K-E-TP	50v 0.01uf	5CAAD00789	CD34		DIODE		FC66M-010		5TXAB00035
092	CAP,F	X D	TANTAL	202L3502 105KB	35V 1UF	5CSAC00982	CD35		DIODE		FC66M-010		5TXAB00035
₀ C 9 3	CAP, F	X D	CER	C3216CH1H070D-E-TP	7 P F	5CAAD00977	CD36		DIODE		FC66M-010		5TXAB00035
C 9 4	CAP,F	X D	CER	C3216CH1H070D-E-TP	7 P F	5CAAD00977	CD37		DIODE		FC66M-010		5TXAB00035
C 9 5	CAP,F	X D	CER	C3216CH1H12OJ-E-TP	12P	5CAAD00784	CD38		DIODE		FC66M-010		5TXAB00035
C 9 6	CAP,F	X D	CER	C3216CH1H12OJ-E-TP	12P	5CAAD00784	CD39		DIODE		FC66M-010		5TXAB00035
C D 5	DIODE			1SS143T-87		5 T X C W O O O O 2 1	CD40		DIODE		FC66M-010		5TXAB00035
_CD6	DIODE			1551431-87		5TXCW00021	CD41		DIODE		FC66M-010		5TXAB00035
C D 7	DIODE			1551431-87		5TXCW00021	CD42		DIODE		FC66M-010		5TXAB00035
8 d O	DIODE			1551431-87		5 T X C W O O O 2 1	C D 4 3		DIODE		FC66M-010		51XAB00035
C D 9	DIODE			1551431-87		5 T X C W O O O O 2 1	C D 4 4		DIODE		FC66M-010		51XAB00035
C D 1 O	DIODE			1551431-87		5 T X C W O O O 2 1	CD45		DIODE		188181 TE85L		5TXAD00356
₀ CD11	DIODE			15585RE		5TXAE00590	2 0 CD46		DIODE		188181 TE85L		51XAD00356
C D 1 2	DIODE			1 S S 8 5 R E		5 T X A E O O 5 9 O	CD47		DIODE		188181 TE85L		5TXAD00356
C D 1 3	DIODE			1 S S 8 5 R E		STXAE00590	CD48		DIODE		188181 TE85L		5TXAD00356
CD14	DIODE			1 S S B 5 R E		5TXAE00590	CD52		DIODE		1881431-87		5TXCW00021
CD15	DIODE			1SS85RE		5TXAE00590	CD53		DIODE		1881431-87		5TXCW00021
CD16	DIODE			1 S S 8 5 R E		51XAE00590	2 to C V 1		CAPACITO	OR VAR	TZ03T200FR		5CVAA00166
C D 1 7	DIODE			FC66M-010		5 T X A B O O O 3 5	C V 2		CAPACITO	OR VAR	TZ03T200FR		5CVAA00166
C D 18	DIODE			FC66M-010		5TXAB00035	C V 3		CAPACITO	OR VAR	T203T200FR		5CVAA00166
CD19	DIODE			FC66M-010		5TXAB00035	C V 4		CAPACITO	OR VAR	TZ03T200FR		5CVAA00166
C D 2 O	DIODE			FC66M-010		5TXAB00035	C V 5		CAPACITO	R VAR	TZ03T200FR		5CVAA00166
₀ C D 2 1	DIODE			FC66M-010		5 T X A B O O O 3 5	3 v C V 6		CAPACITO	R VAR	TZ03T200FR		5CVAA00166
C D 2 2	DIODE			FC66M-010		51XAB00035	101		1 C		SN74LS145N		5DDAS00138
C D 2 3	DIODE			FC66M-010		5TXAB00035	JP1		TIN COAT	ED WIRE	TA-0.6P		2717100001
CD24	DIODE			FC66M-010		51XAB00035	JP2		TIN COAT	ED WIRE	TA-0.6P		2717100001
CD25	DIODE			FC66M-010		51XAB00035	JP3		TIN COAT	ED WIRE	TA-0.6P		2717100001
C D 2 9	DIODE			FC66M-010		5TXAB00035	JP 4		TIN COAT	TED WIRE	TA-0.6P		2717100001

				1	TTLE	SHEET NO.				TI	11.E	SHEET NO
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PART	но	PART	NAME	TYPE	DESCRIPTION	CODE	PART NO	PART	NAME	ТҮРЕ	DESCRIPTION	CODE
JP5	1	TIN COAT	ED WIRE	TA-0.6P		2717100001	R 4	RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750
JP6	1	TIN COAT	ED WIRE	TA-0.6P		2717100001	R 5	RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750
JP7	1	TIN COAT	ED WIRE	TA-0.6P		2717100001	R 6	RESISTOR	FXD	ERJ-8GEYJ471V	1/8W 470 OHM	5REAG01734
к1	F	RELAY		DF2-DC9V		5KLAD00578	R7	RESISTOR	FXD	ERJ-8GEYJ102V	1/8W 1K OHM	5REAG01738
, К 2 5	F	RELAY		DF2-DC9V		5KLAD00578	s R 8	RESISTOR	FXD	ERJ-8GEYJ470V	1/8w 47 OHM	5REAG01722
к3	F	RELAY		DF2-DC9V		5KLAD00578	R 9	RESISTOR	FXD	ERJ-8GEYJ470V	1/8W 47 OHM	5REAG01722
K4	F	RELAY		DF2-DC9V		5KLAD00578	R10	RESISTOR	FXD	ERJ-8GEYJ470V	1/8W 47 OHM	5REAG01722
K 5	F	RELAY		DF2-DC9V		5KLAD00578	R11	RESISTOR	FXD	ERJ-8GEYJ470V	1/8W 47 OHM	5REAG01722
K 6	F	RELAY		DF2-DC9V		5KLAD00578	R12	RESISTOR	FXD	ERJ-8GEYJ470V	1/8W 47 OHM	5REAG01722
K7	F	RELAY		DF2-DC9V		5KLAD00578	R13	RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
L3	c	COIL		LALO3VB471K	470UH	5LCAA00270	R 1 4	RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
L4	C	COIL		LALO3VB471K	470uH	5LCAA00270	R15	RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
L 5	C	OIL		LALO3VB471K	470uH	5LCAA00270	R16	RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
L6	C	01L		LALO3VB220K	22UH	5LCAA00277	R17	RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
L7	C	COIL		LALO3VB2R2M	2.2UH	5LCAA00278	R18	RESISTOR	CFXD	ERJ-8GEYJ104V	1/8W 100K OHM	5REAG01762
L 8	C	COIL		LALO3VB330K	33 UH	5LCAA00279	R 1 9	RESISTOR	CFXD	ERJ-8GEYJ104V	1/8W 100K OHM	5REAG01762
L9	C	COIL		LALO3VB100K	10UH	5LCAA00273	R 2 O	RESISTOR	CFXD	ERJ-8GEYJ104V	1/8W 100K OHM	5REAG01762
L10	C	COIL		LALO3VB330K	33UH	5LCAA00279	R21	RESISTOR	CFXD	ERJ-8GEYJ104V	1/8W 100K OHM	5REAG01762
L11	C	COIL		LALO3VB100K	10UH	5LCAA00273	R 2 2	RESISTOR	CFXD	ERJ-8GEYJ104V	1/8W 100K OHM	5REAG01762
L12	C	COIL		LALO3VB220K	22UH	5LCAA00277	2 0 R 2 3	RESISTOR	CFXD	ERJ-8GEYJ104V	1/8₩ 100K OHM	5REAG01762
L13	(COIL		LALO3VBR22M	O.22UH	5LCAA00280	R 2 4	RESISTOR	CFXD	ERJ-8GEYJ104V	1/8W 100K OHM	5REAG01762
L14	(COIL		LALO3VBR22M	O.22UH	5LCAA00280	R 2 5	RESISTOR	CFXD	ERJ-8GEYJ104V	1/8W 100K OHM	5REAG01762
L15	(COIL		LALO3VB471K	470UH	5LCAA00270	R 2 6	RESISTOR	CFXD	ERJ-8GEYJ104V	1/8W 100K OHM	5REAG01762
L16	(LOIL		LALO3VB3R3K	3.3UH	5LCAA00281	R27	RESISTOR	CFXD	ERJ-8GEYJ104V	1/8W 100K OHM	5REAG01762
L18	(COIL		LALO3VB100K	10UH	5LCAA00273	R 2 8	RESISTOR	CFXD	ERJ-8GEYJ104V	1/8W 100K OHM	5REAG01762
L19	C	COIL		LALO3VB471K	470UH	5LCAA00270	R 2 9	RESISTOR	CFXD	ERJ-8GEYJ104V	1/8W 100K OHM	5REAG01762
L21	(COIL		LALO3VB5R6K	5.6UH	5LCAA00275	R 3 O	RESISTOR	CFXD	ERJ-8GEYJ104V	1/8W 100K OHM	5REAG01762
L22	C	COIL		LALO3VB6R8K	6.8UH	5LCAA00276	R 3 1	RESISTOR	CFXD	ERJ-8GEYJ104V	1/8W 100K OHM	5REAG01762
L23	C	COIL		LALO3VB471K	470UH	5LCAA00270	R32	RESISTOR	CFXD	ERJ-8GEYJ104V	1/8W 100K OHM	5REAG01762
P31	C	CONNECTO	R	EC1C-22P-2.5DSA	22P	5JWB\$00070	3 O R 3 3	RESISTOR	FXD	ERJ-8GEYJ470V	1/8W 47 OHM	5REAG01722
P32	C	CONNECTO	R	EC1C-22P-2.5DSA	22P	5JWBS00070	R 3 4	RESISTOR	FXD	ERJ-8GEYJ821V	1/8W 820 OHM	5REAG01737
PC1	F	CB		H-6PCJD00620B		6PCJD00620	R 3 5	RESISTOR	FXD	ERJ-8GEYK5R6V		5REAG02207
R1	F	RESISTOR	R FXD	ERD-S1VJ390T		5RDAA00590	R 3 6	RESISTOR	FXD	ERJ-8GEYK5R6V		5REAG02207
R 2	F	RESISTOR	R FXD	ERD-S1VJ390T		5RDAA00590	R 3 7	RESISTOR	FXD	ERJ-8GEYJ221V	1/8W 220 OHM	5REAG01730
R3	F	RESISTOR	FXD	ERD-S1VJ100T		5RDAA01712	838 3 b	RESISTOR	CFXD	ERJ-8GEYJ151V	1/8w 150 OHM	5REAG01728

		RF	TUNE	CFL-287	SHEET NO		
PART	NO PART	NAME	TYPE	DESCRIPTION	CODE		
R 3 9	RESISTO	R FXD	ERJ-8GEYJ103V	1/8W 1DK OHM	5REAG01750		
R 4 D	RESISTO	R FXD	ERJ-8GEYJ470V	1/8W 47 OHM	5REAG01722		
R41	RESISTO	R FXD	ERJ-8GEYJ821V	1/8W 820 OHM	5REAG01737		
R 4 2	RESISTO	OR FXD	ERJ-8GEYJ821V	1/8w 820 OHM	5REAG01737		
R43	RESISTO	OR FXD	ERJ-8GEYJ470V	1/8W 47 OHM	5REAG01722		
R 4 4	RESIST	OR FXD	ERJ-8GEYJ221V	1/8W 220 OHM	5REAG01730		
R 4 5	RESISTO	R FXD	ERJ-8GEYJ221V	1/8W 220 OHM	5REAG01730		
R 4 7	RESISTO	R FXD	ERJ-8GEYJ470V	1/8W 47 OHM	5REAG01722		
R 4 8	RESISTO	R FXD	ERJ-8GEYJ470V	1/8W 47 OHM	5REAG01722		
R 4 9	RESISTO	R FXD	ERJ-8GEYJ150V	1/8W,15 OHM	5REAG01716		
R 5 O	RESISTO	R FXD	ERJ-8GEYJ332V	1/8w 3.3K OHM	5REAG01744		
R 5 1	RESISTO	R FXD	ERJ-8GEYJ391V	1/8W,390 OHM	5REAG01733		
R 5 8	RESISTO	R FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750		
R 5 9	RESISTO	R CFXD	ERJ-8GEYJ101V	1/8w 100 OHM	5REAG01726		
R 6 O	RESISTO	R FXD	ERJ-8GEYJ470V	1/8w 47 OHM	5REAG01722		
R 6 1	RESISTO	R CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726		
R 6 2	RESISTO	R FXD	ERJ-8GEYJ470V	1/8w 47 OHM	5REAG01722		
RA1	RESISTO	R	EXB-F8E-473J	47K OHM X8	5 R Z A S O O 1 8 1		
RJ1	RESISTO	R FXD	ERJ-8GEYOROOV	D OHM	5REAG01775		
RJ2	RESISTO	OR FXD	ERJ-8GEYOROOV	О онм	5REAG01775		
RJ3	RESISTO	OR FXD	ERJ-8GEYOROOV	О ОНМ	5REAG01775		
RJ4	RESIST	R FXD	ERJ-8GEYOROOV	0 OHM	5REAG01775		
RJ5	RESIST	R FXD	ERJ-8GEYOROOV	O OHM	5REAG01775		
RJ6	RESISTO	OR FXD	ERJ-8GEYOROOV	O OHM	5REAG01775		
RJ7	RESISTO	OR FXD	ERJ-8GEYOROOV	О ОНМ	5REAG01775		
RJ8	RESISTO	R FXD	ERJ-8GEYOROOV	О ОНМ	5REAG01775		
R J 9	RESISTO	R FXD	ERJ-8GEYOROOV	O OHM	5REAG01775		
RJ10	RESISTO	R FXD	ERJ-8GEYOROOV	O OHM	5REAG01775		
RJ11	RESISTO	R FXD	ERJ-8GEYOROOV	O OHM	5REAG01775		
RJ12	RESISTO	R FXD	ERJ-8GEYOROOV	0 OHM	5REAG01775		
RJ15	RESISTO	R FXD	ERJ-8GEYOROOV	О ОНМ	5REAG01775		
RJ16	RESISTO	R FXD	ERJ-8GEYOROOV	O OHM	5REAG01775		
RJ17	RESISTO	R FXD	ERJ-8GEYOROOV	0 OHM	5REAG01775		
RJ18	RESISTO	R FXD	ERJ-8GEYOROOV	О ОНМ	5REAG01775		
RJ19	RESISTO	R FXD	ERJ-8GEYOROOV	O OHM	5REAG01775		

		RF	TUNE	CFL-287	SHEET NO
ART NO	PART	NAME	TYPE	DESCRIPTION	CODE
150	RESISTO	R FXD	ERJ-8GEYOROOV	0 OHM	5REAG0177
J21	RESISTO	R FXD	ERJ-8GEYOROOV	О ОНМ	5REAG0177
122	RESISTO	R FXD	ERJ-8GEYOROOV	O OHM	5REAG0177
v 1	RESISTO	R VAR	EVN-D2AAO3B13		5RVAB0042
1	RF XFMR		H-6LHJD00441		6LHJD0044
2	RF XFMR		H-6LHJD00441		6LHJD0044
3	RF XFMR		H-6LHJD00442		6LHJD0044
4	RF XFMR		H-6LHJD00442		6LHJD00447
5	RF XFMR		H-6LHJD00385		6LHJD0038
6	RF XFMR		H-6LHJD00385		6LHJD00385
7	RF XFMR		H-6LHJD00384		6LHJD00384
8	RF XFMR		H-6LHJD00384		6LHJD00384
9	RF XFMR		H-6LHJD00383		6LHJD00383
10	RF XFMR		H-6LHJD00383		6LHJD00383
11	RF XFMR		H-6LHJD00410		6LHJD0041(
12	RF XFMR		H-6LHJD00440		6LHJD0044
13	RF XFMR		H-6LHJD00328		6LHJD0032
P1	TEST TE	RMINAL	PCN6-PEA		5JDAA0036
P2	TEST TE	RMINAL	PCN6-PEA		5JDAA00364
R 1	TRANSIS	TOR	28A1162-YTE85L		5TAAG00182
R 2	TRANSIS	TOR	2SK125		5TKAH0000
R 3	TRANSIS	TOR	2SK125		5TKAH0000
R 4	TRANSIS	TOR	2SK125		5TKAH0000
R 5	TRANSIS	TOR	2SK125		5TKAH0000
Ró	TRANSIS	TOR	2803357-11		5TCAB0028
R 7	TRANSIS	TOR	2SK125		5TKAH0000
R 8	TRANSIS	TOR	2SK125		5TKAH0000
R 9	TRANSIS	TOR	2SK125		5TKAH0000
R 1 0	TRANSIS	TOR	2SK125		5TKAH0000

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			I F	FILTER	CFH-36A	SHEET NO.				ĪF	FILTER	CFH-36A	SHEET N
PART	NO	PART	NAME	TYPE	DESCRIPTION	СОРЕ	PART	ио	PART	NAME	TYPE	DESCRIPTION	CODE
C 1		CAP,FXD	CER	C3216SL1H102J-E-TP	1000PF	5 C A A D O O 7 8 2	C 3 6	CAP	,FXD	C CER	C3216JF1H104Z-E-TP	50V 0.1UF	5CAAD0126
C 2		CAP,FXD	C CER	C3216JF1H104Z-E-TP	50V 0.1UF	5CAAD01268	C 3 7	CAP	,FXD	C CER	C3216JF1H104Z-E-TP	50V 0.1UF	5CAAD0126
C 3		CAP,FXD	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782	C 38	CAP	,FXD	C CER	C3216JF1H104Z-E-TP	50V 0.1UF	5CAAD0126
C 4		CAP,FXD	C CER	C3216CH1H02OC-E-TP	50V 2PF	5CAAD00798	c 3 9	CAP	FXD	C CER	C3216JF1H104Z-E-TP	50V 0.1UF	5CAAD0126
չ C 5		CAP, FXD	CER	C3216SL1H102J-E-TP	1000PF	5 C A A D O O 7 8 2	s C 4 O	CAP	,FXD	C CER	C3216JB1H103K-E-TP	50v 0.01uf	5CAAD0078
C 6		CAP,FXD	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782	C41	CAP	,FXD	TANTAL	202L3502 105KB	35V 1UF	5CSAC0098
C 7	1	CAP, FXD	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782	C42	CAP	FXD	ELCTLT	ECE-A1EU100B		5CEAA0186
C 8	-	CAP, FXD	CER	C3216CH1H22OJ-E-TP	22PF	5 C A A D O O 8 6 9	C 4 3	CAP	FXD	CER	C3216SL1H102J-E-TP	1000PF	5 C A A D O O 7 8
C 9	-	CAP,FXD	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782	C 4 4	CAP	,FXD	C CER	C3216JB1H1O3K-E-TP	50v 0.01uf	5CAAD0078
₀ C 1 O	(CAP,FXD	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782	C 4 5	CAP	,FXD	C CER	C3216JF1H104Z-E-TP	50V 0.1UF	5CAAD0126
C 1 1	(CAP,FXD	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782	C 4 6	CAP	,FXD	C CER	C3216JB1H103K-E-TP	50v 0.01uf	5CAAD0078
C 1 2	(CAP,FXD	C CER	C3216JF1H104Z-E-TP	50v 0.1uf	5CAAD01268	C 4 7	CAP	,FXD	CER	C3216CH1H271J-E-TP	50V 270PF	5CAAD0088
C13	(CAP, FXD	CER	C3216CH1H47OJ-E-TP	47PF	5CAAD00864	C 4 8	CAP	,FXD	CER	C3216CH1H271J-E-TP	50V 270PF	5 C A A D O O 8 8
C 1 4		CAP, FXD	CER	C3216CH1H47OJ-E-TP	47PF	5 C A A D O O 8 6 4	C 4 9	CAP	,FXD	C CER	C3216JF1H104Z-E-TP	50V 0.1UF	5CAAD0126
C15	(CAP,FXD	CER	C3216CH1H68OJ-E-TP	68PF	5 C A A D O O 9 2 9	C 5 O	CAP	,FXD	CER	C3216CH1H271J-E-TP	50V 270PF	5CAAD0088
C 1 6	(CAP,FXD	C CER	C3216JF1H104Z-E-TP	50v 0.1uf	5CAAD01268	C 5 1	CAP	,FXD	CER	C3216CH1H271J-E-TP	50V 270PF	5 C A A D O O 8 8
C 1 7	(CAP,FXD	ELCTLT	ECE-A1EU100B		5CEAA01864	C 5 2	CAP	,FXD	C CER	C3216JF1H104Z-E-TP	50V 0.1UF	5CAAD0126
C 1 8	(CAP,FXD	C CER	C3216JF1H104Z-E-TP	50V 0.1UF	5CAAD01268	C 5 3	CAP	,FXD	C CER	C3216JF1H104Z-E-TP	50V 0.1UF	5CAAD0126
C19	(CAP,FXD	CER	C3216CH1H151J-E-TP	150PF	5 C A A D O O 8 7 O	C 5 4	CAP	,FXD	C CER	C3216JF1H104Z-E-TP	50V 0.1UF	5CAAD0126
° C 5 O	(CAP, FXD	C CER	C3216JB1H103K-E-TP	50V 0.01UF	5CAAD00789	2 O S S	CAP	,FXD	CER	C3216CH1H68OJ-E-TP	68PF	5 C A A D O O 9 2
C 2 1	(CAP,FXD	ELCTLT	ECE-A1EU100B		5CEAA01864	C 5 6	CAP	,FXD	CER	C3216CH1H68OJ-E-TP	68PF	5 C A A D O O 9 2
C 2 2	(CAP,FXD	C CER	C3216JF1H104Z-E-TP	50v 0.1uf	5CAAD01268	C 5 7	CAP	,FXD	C CER	C3216JF1H104Z-E-TP	50V 0.1UF	5CAAD0126
C 2 3	(CAP,FXD	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782	c 5 8	CAP	,FXD	C CER	C3216JF1H104Z-E-TP	50V 0.1UF	5CAAD0126
C 2 4	(CAP, FXD	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782	C 5 9	CAP	,FXD	C CER	C3216JF1H104Z-E-TP	50V 0.1UF	5CAAD0126
s C 2 5	(CAP, FXD	CER	C3216CH1H22OJ-E-TP	22PF	5 C A A D O O 8 6 9	2 5 C 6 Q	CAP	,FXD	CER	C3216CH1H68OJ-E-TP	68PF	5 C A A D O O 9 2
C 2 6	(CAP,FXD	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782	C 6 1	CAP	,FXD	CER	C3216CH1H68OJ-E-TP	68PF	5CAAD0092
C27		CAP, FXD	C CER	C3216CH1H1O1J-E-TP	50V 100PF	5CAAD00780	C 6 2	CAP	,FXD	C CER	C3216JF1H104Z-E-TP	50V 0.1UF	5CAAD0126
C 2 8	(CAP, FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5CAAD00789	C 6 3	CAP	,FXD	C CER	C3216CH1H050C-E-TP	50V 5PF	5 C A A D O O 8 O
C 2 9	(CAP, FXD	C CER	C3216JF1H104Z-E-TP	50V 0.1UF	5CAAD01268	C 6 4	CAP	, FXD	C CER	C3216JF1H104Z-E-TP	50V 0.1UF	5CAAD0126
c 30	(CAP,FXD	C CER	C3216JF1H104Z-E-TP	50V 0.1UF	5 C A A D O 1 2 6 8	3 n C 6 5	CAP	,FXD	C CER	C3216JF1H104Z-E-TP	50v 0.1UF	5CAAD0126
C31	(CAP,FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5 C A A D O O 7 8 9	C 6 6	CAP	,FXD	C CER	C3216JF1H104Z-E-TP	50v 0.1uf	5 C A A D O 1 2 6
C32	(CAP, FXD	C CER	C3216JF1H104Z-E-TP	50V 0.1UF	5CAAD01268	C 6 7	CAP	,FXD	ELCTLT	ECE-A1EU100B		5CEAA0186
C33	(CAP,FXD	C CER	C3216JF1H104Z-E-TP	50v 0.1uf	5CAAD01268	C 6 8	CAP	,FXD	C CER	C3216JB1H1O3K-E-TP	50v 0.01uf	5 C A A D O O 7 8
C34	(CAP, FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5 C A A D O O 7 8 9	G69	CAP	,FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5CAAD0078
C35	(CAP,FXD	C CER	C3216JF1H104Z-E-TP	50v 0.1UF	5CAAD01268	3.5 C 70	CAP	,FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5CAAD0078

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			FILTER	E CFH-36A	SHEET NO			1 F	FILTER	T. E CFH-36A	SHEET NO.
PART	NO PAR	NAME	TYPE	DESCRIPTION	соре	PART N	IO PART	NAME	TYPE	DESCRIPTION	CODE
c 7 1	CAP, FXI	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782	L 5	COIL		LALO4NA331K		5LCAA00136
C 7 2	CAP, FXI	C CER	C3216JF1H104Z-E-TP	50V 0.1UF	5CAAD01268	L6	COIL		LALO3VB221K	220uH	5LCAA00272
C73	CAP, FXI	CCER	C3216CH1H050C-E-TP	50V 5PF	5 C A A D O O 8 O O	L7	COIL		LALO4NA221K		5LCAA00206
C 74	CAP, FX	CCER	C3216JB1H103K-E-TP	50V 0.01UF	5CAAD00789	L 8	COIL		LALO3VB471K	470uH	5LCAA00270
c 75	CAP, FXI	C CER	C3216JB1H103K-E-TP	50v 0.01uf	5CAAD00789	₅ P 2 9	CONNECT	OR	EC1C-22P-2.5DSA	22P	5JWBS00070
c 76	CAP, FXI	CCER	C3216JF1H104Z~E-TP	50v 0.1uf	5CAAD01268	P30	CONNECT	OR	EC1C-22P-2.5DSA	22P	5JWBS00070
C77	CAP, FXI	C CER	C3216JF1H104Z-E-TP	50v 0.1uf	5CAAD01268	PC1	PCB		H-6PCJD00159B		6PCJD00159
C 78	CAP, FXI	CCER	C3216JF1H104Z-E-TP	50V 0.1UF	5CAAD01268	R 1	RESISTO	R FXD	ERJ-8GEYJ102V	1/8W 1K OHM	5REAG01738
C 79	CAP, FXI	CCER	C3216JF1H104Z-E-TP	50V 0.1UF	5CAAD01268	R 2	RESISTO	R FXD	ERJ-8GEYJ102V	1/8W 1K OHM	5REAG01738
C 8 O	CAP, FXI	CER	C3216CH1H100D-E-TP	10PF	5CAAD00785	R 3	RESISTO	R FXD	ERJ-8GEYJ330V	1/8W 33 OHM	5REAG01720
C 8 1	CAP,FX	CER	C3216CH1H100D-E-TP	10PF	5 C A A D O O 7 8 5	R 4	RESISTO	R FXD	ERJ-8GEYJ330V	1/8w 33 OHM	5REAG01720
CD1	DIODE		1\$\$226 TE85L		5TXAD00320	R 5	RESISTO	R FXD	ERD-25UJ221	1/4W 22D OHM	5RDAA01329
C D 2	DIODE		188226 TE85L		5TXAD00320	R 6	RESISTO	R CFXD	ERJ-8GEYJ681V	1/8W 68D OHM	5REAG01736
C D 3	DIODE		RD5.1M-T1B B1		5TXAA00632	R 7	RESISTO	R FXD	ERJ-8GEYJ332V	1/8W 3.3K OHM	5REAG01744
C D 4	DIODE		188226 TE85L		5TXAD00320	R 8	RESISTO	R CFXD	ERJ-8GEYJ101V	1/8w 100 OHM	5REAG01726
C D 5	DIODE		188181 TE85L		5TXAD00356	R 9	RESISTO	R FXD	ERJ-8GEYJ222V	1/8W 2.2K OHM	5REAG01742
C D 6	DIODE		188181 TE85L		5TXAD00356	R10	RESISTO	R FXD	ERJ-8GEYJ222V	1/8W 2.2K OHM	5REAG01742
C D 7	DIODE		188181 TE85L		5TXAD00356	R11	RESISTO	R CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
C D 8	DIODE		188181 TE85L		5TXAD00356	R12	RESISTO	R FXD	ERJ-8GCSJ123T	1/8W 12K OHM	5REAG00681
2 C D 9	DIODE		188226 TE85L		5TXAD00320	2 0 R 1 3	RESISTO	R FXD	ERJ-8GCSJ123T	1/8W 12K OHM	5REAG00681
C D 1 O	DIODE		188181 TE85L		5TXAD00356	R14	RESISTO	R CFXD	ERJ-8GEYJ681V	1/8w 680 OHM	5REAG01736
C D 1 1	DIODE		1\$\$181 TE85L		5TXAD00356	R15	RESISTO	R FXD	ERJ-8GEYJ470V	1/8W 47 OHM	5REAG01722
CD12	DIODE		188226 TE85L		5TXAD00320	R16	RESISTO	R FXD	ERJ-8GEYJ222V	1/8W 2.2K OHM	5REAG01742
C D 1 3	DIODE		188181 TE85L		5TXAD00356	R17	RESISTO	R FXD	ERJ-8GEYJ122V	1/8W 1.2K OHM	5REAG01739
CD15	DIODE		188184 TE85L		5TXAD00290	2 b R 1 8	RESISTO	R FXD	ERJ-8GEYJ471V	1/8W 470 OHM	5REAG01734
c v 1	CAPACI	OR VAR	TZ03T200FR		5CVAA00166	R19	RESISTO	R FXD	ERJ-8GEYJ470V	1/8W 47 OHM	5REAG01722
FL1	CRYSTAL	CKT	H-6XMJD00114	70.455MHZ	6XMJD00114	R 2 O	RESISTO	R FXD	ERJ-8GEYJ102V	1/8W 1K OHM	5REAG01738
FL2	COIL		LF-B12		5LFAE00009	R 2 1	RESISTO	R FXD	ERJ-8GEYJ472V	1/8W 4.7K OHM	5REAG01746
FL3	FILTER		CLF-D6S	BW=6KHZ	5NRAD00001	R22	RESISTO	R CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
FL4	FILTER		MF-31C		5NMAA00019	_{з u} R 2 3	RESISTO	R FXD	ERJ-8GEYJ332V	1/8W 3.3K OHM	5REAG01744
I C 1	1 C		SN74LS145N		5DDAS00138	R 2 4	RESISTO	R CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
L1	COIL		LALO3VBR33M	O.33UH	5LCAA00274	R25	RESISTO	R CFXD	ERJ-8GEYJ104V	1/8W 100K OHM	5REAG01762
L 2	COIL		LALO3VB471K	470uH	5LCAA00270	R26	RESISTO	R FXD	ERJ-8GEYJ221V	1/8W 22D OHM	5REAG01730
L3	COIL		LALO3VB471K	470uH	5LCAA00270	R27	RESISTO	R FXD	ERJ-8GEYJ333V	1/8W 33K OHM	5REAG01756
L 4	COIL		LALO3VB331K	330UH	5LCAA00271	3 S R 2 8	RESISTO	R FXD	ERJ-8GEYJ122V	1/8w 1.2K OHM	5REAG01739

				ITLE	SHEET NO.		<u>L</u>			ritie	SHEFT NO
		I F	FILTER	CFH-36A	5			I F	FILTER	CFH-36A	6
PART	NO PART	NAME	TYPE	DESCRIPTION	CODE	PART NO	PART	NAME	TYPE	DESCRIPTION	CODE
R29	RESISTOR	FXD	ERJ-8GEYJ332V	1/8W 3.3K OHM	5REAG01744	R65	RESISTOR	FXD	ERJ-8GEYJ122V	1/8W 1.2K OHM	5REAG01739
R30	RESISTOR	FXD	ERJ-8GEYJ102V	1/8W 1K OHM	5REAG01738	R66	RESISTOR	FXD	ERJ-8GEYJ122V	1/8W 1.2K OHM	5REAG01739
R31	RESISTOR	FXD	ERJ-8GEYJ472V	1/8W 4.7K OHM	5REAG01746	R67	RESISTOR	FXD	ERJ-8GEYJ122V	1/8W 1.2K OHM	5REAG01739
R32	RESISTOR	FXD	ERJ-8GEYJ332V	1/8w 3.3K OHM	5REAG01744	R 6 8	RESISTOR	FXD	ERJ-8GEYJ122V	1/8W 1.2K OHM	5REAG01739
R33	RESISTOR	CFXD	ERJ-8GEYJ151V	1/8W 150 OHM	5REAG01728	₅ R 6 9	RESISTOR	CFXD	ERJ-8GEYJ681V	1/8w 680 OHM	5REAG01736
R34	RESISTOR	FXD	ERJ-8GEYJ222V	1/8W 2.2K OHM	5REAG01742	R70	RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 10D OHM	5REAG01726
R35	RESISTOR	FXD	ERJ-8GEYJ333V	1/8W 33K OHM	5REAG01756	R71	RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
R36	RESISTOR	FXD	ERJ-8GEYJ102V	1/8W 1K OHM	5REAG01738	R 7 2	RESISTOR	CFXD	ERJ-8GEYJ101V	1/8w 100 OHM	5REAG01726
R37	RESISTOR	FXD	ERJ-8GEYJ472V	1/8W 4.7K OHM	5REAG01746	R73	RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
o R 3 8	RESISTOR	FXD	ERJ-8GEYJ332V	1/8w 3.3K OHM	5REAG01744	R74	RESISTOR	CFXD	ERJ-8GEYJ101V	1/8w 100 OHM	5REAG01726
R39	RESISTOR	CFXD	ERJ-8GEYJ151V	1/8W 150 OHM	5REAG01728	R 7 5	RESISTOR	FXD	ERJ-8GEYJ68OV	1/8W 68 OHM	5REAG01724
R40	RESISTOR	FXD	ERJ-8GEYJ222V	1/8W 2.2K OHM	5REAG01742	RA1	RESISTOR	FXD	EXB-F6E473J		5RDAA01920
R41	RESISTOR	FXD	ERJ-8GEYJ333V	1/8W 33K OHM	5REAG01756	RJ1	RESISTOR	FXD	ERJ-8GEYOROOV	О ОНМ	5REAG01775
R42	RESISTOR	FXD	ERJ-8GEYJ102V	1/8W 1K OHM	5REAG01738	RJ2	RESISTOR	FXD	ERJ-8GEYOROOV	О ОНМ	5REAG01775
R43	RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	RJ3	RESISTOR	FXD	ERJ-8GEYOROOV	D OHM	5REAG01775
R44	RESISTOR	FXD	ERJ-8GEYJ102V	1/8W 1K OHM	5REAG01738	RJ5	RESISTOR	FXD	ERJ-8GEYOROOV	0 OHM	5REAG01775
R45	RESISTOR	FXD	ERJ-8GEYJ153V	1/8W 15K OHM	5REAG01752	RJ6	RESISTOR	FXD	ERJ-8GEYOROOV	O OHM	5REAG01775
R46	RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	RJ7	RESISTOR	FXD	ERJ-8GEYOROOV	O OHM	5REAG01775
R47	RESISTOR	FXD	ERJ-8GEYJ103V	1/8w 10k ohm	5REAG01750	RJ8	RESISTOR	FXD	ERJ-8GEYOROOV	O OHM	5REAG01775
R48	RESISTOR	FXD	ERJ-8GEYJ332V	1/8W 3.3K OHM	5REAG01744	₂₀ RJ9	RESISTOR	FXD	ERJ-8GEYOROOV	O OHM	5REAG01775
R49	RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	RJ10	RESISTOR	FXD	ERJ-8GEYOROOV	O OHM	5REAG01775
R 5 1	RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	RJ11	RESISTOR	FXD	ERJ-8GEYOROOV	0 OHM	5REAG01775
R 5 2	RESISTOR	FXD	ERJ-8GEYJ334V	1/8W 33DK OHM	5REAG01768	RJ12	RESISTOR	FXD	ERJ-8GEYOROOV	O OHM	5REAG01775
R53	RESISTOR	FXD	ERJ-8GCSJ223T	1/8W 22K OHM	5REAG00581	RJ13	RESISTOR	FXD	ERJ-8GEYOROOV	О ОНМ	SREAG01775
R 5 4	RESISTOR	FXD	ERJ-8GEYJ472V	1/8W 4.7K OHM	5REAG01746	RJ14	RESISTOR	FXD	ERJ-8GEYOROOV	О ОНМ	5REAG01775
R 5 5	RESISTOR	FXD	ERJ-8GEYJ472V	1/8W 4.7K OHM	5REAG01746	RJ15	RESISTOR	FXD	ERJ-8GEYOROOV	О ОНМ	5REAG01775
R56	RESISTOR	FXD	ERJ-8GEYJ222V	1/8W 2.2K OHM	5REAG01742	RJ16	RESISTOR	FXD	ERJ-8GEYOROOV	O OHM	5REAG01775
R 5 7	RESISTOR	FXD	ERJ-8GCSJ223T	1/8W 22K OHM	5REAG00581	RJ17	RESISTOR	FXD	ERJ-8GEYOROOV	O OHM	5REAG01775
R 5 8	RESISTOR	FXD	ERJ-8GCSJ223T	1/8W 22K OHM	5REAG00581	RJ18	RESISTOR	FXD	ERJ-8GEYOROOV	О ОНМ	5REAG01775
R59	RESISTOR	FXD	ERJ-8GEYJ122V	1/8W 1.2K OHM	5REAG01739	RJ19	RESISTOR	FXD	ERJ-8GEYOROOV	О ОНМ	5REAG01775
R60	RESISTOR	FXD	ERJ-8GEYJ122V	1/8W 1.2K OHM	5REAG01739	RJ20	RESISTOR	FXD	ERJ-8GEYOROOV	О онм	5REAG01775
R61	RESISTOR	FXD	ERJ-8GEYJ122V	1/8W 1.2K OHM	5REAG01739	RJ21	RESISTOR		ERJ-8GEYOROOV	О ОНМ	5REAG01775
R62	RESISTOR	FXD	ERJ-8GEYJ122V	1/8W 1.2K OHM	5REAG01739	RJ22	RESISTOR	FXD	ERJ-8GEYOROOV	О ОНМ	5REAG01775
R63	RESISTOR	FXD	ERJ-8GEYJ122V	1/8w 1.2K OHM	5REAG01739	RJ23	RESISTOR	FXD	ERJ-8GEYOROOV	О ОНМ	5REAG01775
R64	RESISTOR	FXD	ERJ-8GEYJ122V	1/8W 1.2K OHM	5REAG01739	8 J Z 4	RESISTOR	FXD	ERJ-8GEYOROOV	0 OHM	5REAG01775

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PARTS LIST

		1 F	FILTER	CFH-36A	SHEET NO
PART N	O PAR	Г наме	TYPE	DESCRIPTION	CODE
RJ25	RESIST	OR FXD	ERJ-8GEYOROOV	O OH M	5REAG0177
R V 1	RESIST	OR VAR	EVN-D8AAO3B54		5RVAB0041
RV2	RESIST	OR VAR	EVN-D2AAO3B22		5RVAB0041
т 1	RF XFM	र	H-6LHJD00415	70.455MHZ	6LHJD0041
1 5	RF XFM	₹	H-6LHJD00415	70.455MHZ	6LHJD0041
т 3	RF XFMF	₹	H-6LHJD00416	О.95ИН	6LHJD0041
T 4	RF XFM	₹	H-6LHJD00456		6LHJD0045
T 5	RF XFM	ł	H-6LHJD00389		6LHJD00389
16	RF XFM	ł	H-6LHJD00390A		6LHJD0039(
7 7	RF XFMR	?	H-6LHJD00390A		6LHJD00390
T 8	RF XFMR	t	H-6LHJD00297		6LHJD00297
T 9	RF XFMR	ł	S-061-006		5LJAA0000
т 10	RF XFMR	ł	s-061-006		5LJAA0000
T 1 1	RF XFMR	ł	H-6LJJD00037A	455KHZ	9F1100003
TP1	TEST TE	RMINAL	PCN6-PEA		5JDAA00364
TP2	TEST TE	RMINAL	PCN6-PEA		5JDAA00364
TP3	TEST TE	RMINAL	PCN6-PEA		5JDAA00364
T P 4	TEST TE	RMINAL	PCN6-PEA		5JDAA00364
TR1	TRANSIS	STOR	3SK73-GR-2		51KAA00204
TR2	TRANSIS	STOR	2SK125		5 T K A H O O O O O
TR3	TRANSIS	STOR	2SK125		5TKAH0000
T R 4	TRANSIS	STOR	2SC2714-YTE85L		51CAF00436
TR5	TRANSIS	TOR	3SK73-GR-2		5TKAA00204
T R 6	TRANSIS	STOR	2SC2712Y TE85L		5TAAG00186
T R 7	TRANSIS	STOR	2SC2712Y TE85L		5 T A A G O O 1 8 d
TR8	TRANSIS	STOR	2SC2712Y TE85L		5TAAG00186
T R 9	TRANSIS	TOR	28C2712Y TE85L		5 T A A G O O 1 8 d
TR10	TRANSIS	TOR	28C2712Y TE85L		5TAAG00186
TR11	TRANSIS	TOR	28C2712Y TE85L		5 T A A G O O 1 8 d
TR12	TRANSIS	TOR	28C2712Y TE85L		51AAG00186
TR13	TRANSIS	TOR	2\$A1162-YTE85L		51AAG00182
1	TIN COA	TED WIRE	TA-0.8P		2717100002
W 2	TIN COA	TED WIRE	TA-0.8P		2717100002

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										TITLE				
			BWC	Ť I Ť I.	CFL-243W	SHEET NO.				BWC		CFL-243W	SHEET NO	
PART	NO	PART	NAME	TYPE	DESCRIPTION	CODE	PART	ио	PART	NAME	ТҮРЕ	DESCRIPTION	CODE	
C 1		CAP,FXD	PLSTC	ECQ-V1H333JZ3		5 C R A A O O 8 O 4	C 3 6	(CAP,FXD	ELCTLT	ECE-A1EU100B		5CEAA01864	
C 2		CAP,FXD	PLSTC	ECQ-V1H333JZ3		5CRAA00804	C 3 7	(CAP, FXD	CER	DD806-979F103Z50		5CAAA02929	
C 3		CAP,FXD	PLSTC	ECQ-V1H333JZ3		5CRAA00804	c 38	(CAP, FXD	CER	DD806-979F103Z50		5CAAA02929	
C 4		CAP, FXD	CER	DD104-979CH050C50		5CAAA02688	c 39	(CAP, FXD	PLSTC	ECQ-V1H333JZ3		5CRAA00804	
C 5		CAP,FXD	PLSTC	ECQ-V1H333JZ3		5 C R A A O O 8 O 4	₅ C 4 O	(CAP,FXD	PLSTC	ECQ-V1H333JZ3		5 C R A A O O 8 O 4	
C 6		CAP,FXD	PLSTC	ECQ-V1H333JZ3		5 C R A A O O 8 O 4	C 4 1	(CAP,FXD	ELCTLT	ECE-A1EU100B		5CEAA01864	
C 7		CAP,FXD	PLSTC	ECQ-V1H333JZ3		5CRAA00804	C 4 2	(CAP, FXD	ELCTLT	ECE-A1EU100B		5CEAA01864	
C 8		CAP, FXD	PLSTC	ECQ-V1H333JZ3		5 C R A A O O 8 O 4	c ⁻ 43	(CAP,FXD	PLSTC	ECQ-V1H333JZ3		5 C R A A O O 8 O 4	
C 9		CAP,FXD	PLSTC	ECQ-V1H333JZ3		5 C R A A O O 8 O 4	C 4 4	(CAP, FXD	PLSTC	ECQ-V1H333JZ3		5CRAA00804	
C10		CAP, FXD	PLSTC	ECQ-V1H333JZ3		5 C R A A O O 8 O 4	C 4 5	(CAP,FXD	CER	DD107-979CH101J50	100PF,50V	5CAAA02783	
C11		CAP,FXD	PLSTC	ECQ-V1H333JZ3		5 C R A A O O 8 O 4	C 4 6	(CAP,FXD	CER	DD107-979CH101J50	100PF,50V	5CAAA02783	
C12		CAP, FXD	PLSTC	ECQ-V1H333JZ3		5 C R A A O O 8 O 4	C 4 7	(CAP, FXD	CER	DD106-979CH470J50		5CAAA02754	
C 1 3		CAP, FXD	CER	DD107-979CH680J50	68PF	5CAAA02599	C 48	(CAP, FXD	CER	DD106-979CH470J50		5CAAA02754	
C14		CAP,FXD	CER	DD107-979CH680J50	68PF	5CAAA02599	C 4 9	(CAP, FXD	ELCTLT	ECE-A1EU100B		5CEAA01864	
C15		CAP,FXD	PLSTC	ECQ-V1H333JZ3		5 C R A A O O 8 O 4	C 5 0	(CAP,FXD	ELCTLT	ECE-A1EU100B		5CEAA01864	
C16		CAP,FXD	PLSTC	ECQ-V1H333JZ3		5 C R A A O O 8 O 4	C 5 1	(CAP,FXD	PLSTC	ECQ-V1H333JZ3		5CRAA00804	
C17		CAP,FXD	PLSTC	ECQ-V1H333JZ3		5 C R A A D O 8 O 4	C 5 2	(CAP, FXD	PLSTC	ECQ-V1H333JZ3		5 C R A A O O 8 O 4	
C 18		CAP, FXD	PLSTC	ECQ-V1H333JZ3		5CRAA00804	C 5 3	(CAP, FXD	PLSTC	ECQ-B1H472JZ3		5CRAA00833	
C19		CAP, FXD	PLSTC	ECQ-V1H333JZ3		5CRAA00804	C 5 4	(CAP, FXD	PLSTC	ECQ-B1H472JZ3		5CRAA00833	
C 2 O		CAP, FXD	PLSTC	ECQ-V1H333JZ3		5 C R A A O O 8 O 4	2 0 C 5 5	(CAP,FXD	PLSTC	ECQ-B1H223JZ3		5 C R A A O O 8 3 4	
C 2 1		CAP,FXD	CER	DD104-979CH050C50		5CAAA02688	C 5 6	(CAP,FXD	PLSTC	ECQ-B1H223JZ3		5 C R A A O O 8 3 4	
C 2 2		CAP, FXD	PLSTC	ECQ-V1H333JZ3		5CRAA00804	C 5 7	(CAP, FXD	PLSTC	ECQ-B1H272JZ3		5CRAA00835	
C 2 3		CAP, FXD	PLSTC	ECQ-V1H333JZ3		5 C R A A O O 8 O 4	C 5 8	(CAP,FXD	PLSTC	ECQ-B1H272JZ3		5CRAA00835	
C 2 4		CAP, FXD	PLSTC	ECQ-V1H333JZ3		5CRAA00804	C 5 9	(CAP,FXD	PLSTC	ECQ-B1H103JZ3		5 C R A A O O 5 8 7	
C 2 5		CAP, FXD	CER	DD806-979F103Z50		5 C A A A O 2 9 2 9	2 5 C 6 O	(CAP,FXD	PLSTC	ECQ-B1H1O3JZ3		5CRAA00587	
C 2 6		CAP,FXD	CER	DD806-979F103Z50		5CAAA02929	C 6 1	(CAP,FXD	PLSTC	ECQ-B1H472JZ3		5CRAA00833	
C 2 7		CAP, FXD	ELCTLT	ECE-A1EU100B		5CEAA01864	C 6 2	(CAP, FXD	PLSTC	ECQ-B1H472JZ3		5CRAA00833	
C 2 8		CAP, FXD	ELCTLT	ECE-A1EU100B		5CEAA01864	C 6 3	(CAP,FXD	PLSTC	ECQ-B1H332JZ3	3300PF 50V	5 C R A A O O 5 8 6	
C 2 9		CAP, FXD	ELCTLT	ECE-A1EU100B		5CEAA01864	C 6 4	(CAP,FXD	PLSTC	ECQ-B1H332JZ3	3300PF 50V	5CRAA00586	
c 3 O		CAP,FXD	CER	DD806-979F103Z50		5 C A A A O 2 9 2 9	₃₀ C 6 5	•	CAP,FXD	CER	DD109-979SL471J50		5 C A A A O 2 7 5 5	
C31		CAP,FXD	CER	DD806-979F103Z50		5CAAA02929	C 6 6	(CAP,FXD	CER	DD109-979SL471J50		5CAAA02755	
C 3 2		CAP, FXD	CER	DD806-979F103Z50		5CAAA02929	C67	(CAP,FXD	PLSTC	ECQ-B1H472JZ3		5 C R A A O O 8 3 3	
C 3 3		CAP, FXD	CER	DD806-979F103Z50		5CAAA02929	C 6 8	(CAP,FXD	PLSTC	ECQ-B1H472JZ3		5 C R A A O O 8 3 3	
C 3 4		CAP, FXD	CER	DD806-979F103Z50		5 C A A A D 2 9 2 9	C 6 9	(CAP,FXD	PLSTC	ECQ-B1H152JZ3		5CRAA00727	
C 3 5		CAP, FXD	ELCTLT	ECE-A1EU100B		5CEAA01864	3 5 C 7 O	(CAP,FXD	PLSTC	ECQ-B1H152JZ3		5CRAA00727	

			TITLE	3	SHEET NO.			 -		TI	ri. E	SHEET NO
		BWC		CFL-243W	3				BWC		CFL-243W	4
PART NO	PART	NAME	TYPE	DESCRIPTION	CODE	PART	10 P	ART	NAME	TYPE	DESCRIPTION	CODE
C 7 1	CAP, FXD	PLSTC	ECQ-B1H272JZ3		5 C R A A O O 8 3 5	L 6	COIL			LALO3VB471K	470UH	5LCAA00270
c 7 2	CAP,FXD	PLSTC	ECQ-B1H272JZ3		5CRAA00835	L 7	COIL			LAL03VB471K	470UH	5LCAA00270
C 7 3	CAP,FXD	CER	DD806-979F103Z50		5CAAA02929	L 8	COIL			LALO3VB471K	470UH	5LCAA00270
C 7 4	CAP,FXD	ELCTLT	ECE-A1EU100B		5CEAA01864	L 9	COIL			LALO3VB471K	470UH	5LCAA00270
c 7 5	CAP,FXD	PLSTC	ECQ-V1H333JZ3		5 C R A A O O 8 O 4	_s L 10	COIL			LALO3VB471K	470UH	5LCAA00270
C 7 6	CAP,FXD	CER	DD104-979CH100D50		5CAAA02689	L11	COIL			LALO3VB100K	10uH	5LCAA00273
CD1	DIODE		1S2076RE		5TXAE00588	L12	COIL			LAL03V8100K	1 D U H	5LCAA00273
C D 2	DIODE		1S2076RE		5TXAE00588	L13	COIL			LALO3VB12OK		5LCAA00386
C D 3	DIODE		1S2076RE		5TXAE00588	L 14	COIL	•		LALO3VB12OK		5LCAA00386
CD4	DIODE		1S2076RE		5TXAE00588	L 15	COIL			LALO3VB100K	1 O U H	5LCAA00273
C D 5	DIODE		1S2076RE		5TXAE00588	L16	COIL			LALO3VB100K	10ин	5LCAA00273
006	DIODE		1S2076RE		5TXÃE00588	L17	COIL	•		LALO3VB8R2K		5LCAA00335
C D 7	DIODE		1S2076RE		5TXAE00588	L 18	COIL	•		LALO3VB8R2K		5LCAA00335
C D 8	DIODE		1S2076RE		5TXAE00588	L19	COIL	•		LALO3VB100K	10UH	5LCAA00273
C D 9	DIODE		1\$2076RE		5TXAE00588	1 P T 5 O	COIL			LALO3VB2R2M	2.2UH	5LCAA00278
CD10	DIODE		1S2076RE		5TXAE00588	P5	CONN	ECTO	R	EC1C-22P-2.5DSA	22P	5JWBS00070
CD11	DIODE		1S2076RE		5TXAE00588	P 6	CONN	ECTO	R	EC1C-22P-2.5DSA	22P	5JWBS00070
C D 1 2	DIODE		HZ5C1	5V 1/2W	5 T X A E O O 1 3 O	PC1	PCB			H-6PCJDDD269A		6PCJD00269
CD13	DIODE		HZ5C1	5V 1/2W	5TXAE00130	R 1	RESI	STOR	FXD	ERD-25UJ104T	100K OHM 1/4W	5RDAA01623
FL1	CRYSTAL	CKT	H-6XMJD00144	6KHZ	6XMJD00144	2 0 R 2	RESI	STOR	FXD	ERD-25UJ222T	2.2K OHM 1/4W	5RDAA01548
I C 1	I C		SN76514N		5DDAL00251	R 4	RESI	STOR	FXD	ERD-25UJ272T	2.7K OHM 1/4W	5RDAA01546
IC2	1 C		SN76514N		5DDAL00251	R 5	RESI	STOR	FXD	ERD-25UJ101T	1/4W 100 OHM	5RDAA01599
103	1 C		H-6DDJD00018 MB67116	5	6DDJD00018	R 6	RESI	STOR	FXD	ERD-25UJ221T	220 OHM 1/4	5RDAA01543
I C 4	1 C		H-600J000018 MB67116	5	6DDJD00018	R 7	RESI	STOR	FXD	ERD-25UJ221T	220 OHM 1/4	5RDAA01543
105	1 C		NJM319D		5 D A A N O O 2 O 6	2 5 R 8	RESI	STOR	FXD	ERD-25UJ821T	820 OHM 1/4W	5RDAA01604
1 C 6	1 C		NJM319D		5DAAN00206	R 9	RESI	STOR	FXD	ERD-25UJ101T	1/4w 100 OHM	5RDAA01599
I C 7	I C		TC4013BAP		5DDAE00817	R11	RESI	STOR	FXD	ERD-25UJ272T	2.7K OHM 1/4W	5RDAA01546
1 C 8	IC		TC4013BAP		5DDAE00817	R12	RESI	STOR	FXD	ERD-25UJ222T	2.2K OHM 1/4W	5RDAA01548
1 C 9	1 C		NJM78LO8A	8V 100MA	5 D A A N O O O 7 9	R13	RESI	STOR	FXD	ERD-25UJ223T	22K OHM 1/4W	5RDAA01545
1010	1 C		TA78005AP		5DAAD00082	в R 1 4	RESI	STOR	FXD	ERD-25UJ221T	220 OHM 1/4	5RDAA01543
L 1	COIL		FL-7H472J-H	4.7MH	5LCAA00635	R15	RESI	STOR	FXD	ERD-25UJ103T	10K OHM 1/4W	5RDAA01547
L 2	COIL		FL-7H472J-H	4.7MH	5LCAA00635	R16	RESI	STOR	FXD	ERD-25UJ472T	4.7K OHM 1/4W	5RDAA01549
L 3	COIL		FL-7H472J-H	4.7MH	5LCAA00635	R17	RESI	STOR	FXD	ERD-25UJ101T	1/4W 100 OHM	5RDAA01599
L4	COIL		FL-7H472J-H	4.7MH	5LCAA00635	R18	RESI	STOR	FXD	ERD-25UJ473T	1/4W 47K OHM	5RDAA01618
L 5	COIL		LALO3VB471K	470UH	5LCAA00270	R19	RESI	STOR	FXD	ERD-25UJ472T	4.7K OHM 1/4W	5RDAA01549

			BWC		CFL-243W	SHEET NO
PART	NO	PART	NAME	TYPE	DESCRIPTION	CODE
R 2 D		RESISTOR	FXD	ERD-25UJ101T	1/4W 100 OHM	5RDAA01599
R 2 1		RESISTOR	FXD	ERD-25UJ471T	470 OHM 1/4W	5RDAA01541
R 2 2		RESISTOR	FXD	ERD-25UJ102T	1K OHM 1/4	5RDAA01542
R23		RESISTOR	FXD	ERD-25UJ102T	1K OHM 1/4	5RDAA01542
R 2 4		RESISTOR	FXD	ERD-25UJ221T	220 OHM 1/4	5RDAA01543
R25		RESISTOR	FXD	ERD-25UJ221T	220 OHM 1/4	5RDAA01543
R 2 6		RESISTOR	FXD	ERD-25UJ103T	10K OHM 1/4W	5RDAA01547
R 2 7		RESISTOR	FXD	ERD-25UJ103T	10K OHM 1/4W	5RDAA01547
R 2 8		RESISTOR	FXD	ERD-25UJ221T	220 OHM 1/4	5RDAA01543
R 2 9		RESISTOR	FXD	ERD-25UJ221T	220 OHM 1/4	5RDAA01543
R30		RESISTOR	FXD	ERD-25UJ102T	1K OHM 1/4	5RDAA01542
R 3 1		RESISTOR	FXD	ERD-25UJ102T	1K OHM 1/4	5RDAA01542
R 3 2		RESISTOR	FXD	ERD-25UJ101T	1/4W 100 OHM	5RDAA01599
R33		RESISTOR	FXD	ERD-25UJ101T	1/4W 100 OHM	5RDAA01599
R 3 4		RESISTOR	FXD	ERD-25UJ153T	1/4W 15K OHM	5RDAA01594
R35		RESISTOR	FXD	ERD-25UJ153T	1/4W 15K OHM	5RDAA01594
R36		RESISTOR	FXD	ERD-25UJ153T	1/4W 15K OHM	5RDAA01594
R37		RESISTOR	FXD	ERD-25UJ153T	1/4W 15K OHM	5RDAA01594
R38		RESISTOR	FXD	ERD-25UJ102T	1K OHM 1/4	5RDAA01542
R39		RESISTOR	FXD	ERD-25UJ102T	1K OHM 1/4	5RDAA0154
R40		RESISTOR	FXD	ERD-25UJ4701		5RDAA0155
R41		RESISTOR	FXD	ERD-25UJ470T		5RDAA0155
R42		RESISTOR	FXD	ERD-25UJ100T	1/4W 10 OHM	5RDAA01576
Ř43		RESISTOR	FXD	ERD-25UJ100T	1/4W 10 OHM	5RDAA01576
R 4 4		RESISTOR	FXD	ERD-25UJ100T	1/4W 10 OHM	5RDAA01576
R 4 5		RESISTOR	FXD	ERD-25UJ100T	1/4W 10 OHM	5RDAA01576
R46		RESISTOR	FXD	ERD-25UJ151T	150 OHM 1/4W	5RDAA0160
R47		RESISTOR	FXD	ERD-25UJ151T	150 OHM 1/4W	5RDAA0160
RA1		RESISTOR	FXD	20B-12Z-ME5		5READ00836
RA2		RESISTOR	FXD	208-12Z-ME5		5READ00836
RV1		RESISTOR	VAR	EVN-D2AAO3B13		5RVAB0042
RV2		RESISTOR	VAR	EVN-D2AAO3B13		5RVAB0042
т 1		RF XFMR		S-061-006		5LJAA0000
T P 1		TEST TERM	IINAL	PCN6-PEA		5JDAA00364
TP2		TEST TERM	INAL	PCN6-PEA		5JDAA00364

					1 T I. E	SHEET N
			BW	C	CFL-243W	6
I'ART N	10	PART	T NAME	TYPE	DESCRIPTION	(01)
T P 3	ΤE	ST TE	ERMINAL	PCN6-PEA		5JDAA0036
T P 4	ΤE	ST TE	ERMINAL	PCN6-PEA		5JDAA0036
T P 5	TE	ST TE	ERMINAL	PCN6-PEA		5JDAA0036
TP6	TE	ST TE	ERMINAL	PCN6-PEA		5JDAA0036
T P 7	ΤE	ST TE	ERMINAL	PCN6-PEA		5JDAA0036
TR1	TR	ANSIS	STOR	2SC1815-Y		5TCAF0021
TR2	TR	ANSIS	STOR	2SC1923Y		5TCAF0038
TR3	T R	ANSIS	STOR	2SA1015-Y		5 T A A G O O O 7
TR4	T R	ANSIS	STOR	2SA1015-Y		5 T A A G O O O 7
TR5	TR	ANSIS	STOR	2SA1015-Y		5 T A A G O O O 7
TR6	T R	ANSIS	STOR	2SC1923Y		5TCAF0038
TR7	TR	ANSIS	STOR	2SC1923Y		5TCAF0038

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		IF	AMP	CAE-227A	SHEET NO.	7 • 77 • 4 · · · · · · · · · · · · · · · · · ·			I F	AMP TITLE	CAE-227A	SHEET NO
PART :	NO PAR	T NAME	TYPE	DESCRIPTION	CODE	PART	NO F	'ART	NAME	ТҮРЕ	DESCRIPTION	CODE
c 1	CAP,F)	D CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237	C 4 7	CAP	, FXD	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237
C 2	CAP,FX	D CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237	C48	CAP	, F X D	CER	C3216SL1H102K-E-TP		5CAAD00878
c 3	CAP,F)	D ELCTLT	ECE-A1EU100B		5CEAA01864	C 4 9	CAP	, F X D	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237
C 4	CAP,F)	D CER	C3216X7R1E333K-E-TP	0. 033u	5CAAD01203	C 5 1	CAP	, FXD	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782
c 5	CAP,F)	D CER	C3216X7R1E104K-E-TP	0.10F	5CAAD01237	₅ C 5 2	CAP	,FXD	CER	C3216JB1H472K-E-TP	4700PF	5CAAD01138
6 0	CAP,F)	D CER	C3216X7R1E104K-E-TP	0.1uF	5CAAD01237	C 5 3	CAP	.FXD	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237
c 7	CAP,F)	D C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5CAAD00789	C 5 4	CAP	, FXD	CER	C3216X7R1E104K-E-TP	0.1uF	5CAAD01237
C 8	CAP,FX	D CER	C3216X7R1E104K-E-TP	0.1uf	5CAAD01237	C 5 5	CAP,	, FXD	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237
С 9	CAP,FX	D CER	C3216X7R1E104K-E-TP	0.1uf	5CAAD01237	C 5 6	CAP,	, FXD	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237
C 1 D	CAP,FX	D CER	C3216X7R1E104K-E-TP	0.10F	5 C A A D O 1 2 3 7	C 5 9	CAP	, FXD	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237
C 1 1	CAP,FX	D CER	C3216X7R1E104K-E-TP	0.1uf	5CAAD01237	C 6 O	CAP,	, FXD	CER	C3216X7R1E104K-E-TP	0.10F	5CAAD01237
C 1 2	CAP,FX	D TANTAL	202L3502 474KB		5CSAC01065	C 6 1	CAP	, FXD	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782
C13	CAP,F)	D CER	C3216X7R1E104K-E-TP	0.1uF	5CAAD01237	c 6 2	CAP,	, F X D	CER	C3216SL1H182J-E-TP		5CAAD01070
C14	CAP,F)	D TANTAL	202L3502 474KB		5CSAC01065	C 6 3	CAP,	, F X D	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782
C 16	CAP,F)	D TANTAL	202L3502 474KB		5CSAC01065	C 6 4	CAP	, FXD	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237
C17	CAP,F)	D TANTAL	202L3502 474KB		5CSAC01065	C 6 6	CAP	.FXD	CER	C3216X7R1E333K-E-TP	0.033u	5CAAD01203
C 18	CAP,F)	D PLST	C ECQ-B1H182JZ3		5CRAA00875	C 7 1	CAP	, FXD	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237
C 19	CAP,F)	D PLST	C ECQ-B1H182JZ3		5CRAA00875	C72	CAP	, FXD	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237
c 2 O	CAP,F)	D CER	C3216CH1H151J-E-TP	150PF	5CAAD00870	C 7 3	CAP	, FXD	CER	C3216X7R1E104K-E-TP	0.10F	5CAAD01237
_ C 2 1	CAP,F)	D CER	C3216X7R1E104K-E-TP	0.1uF	5CAAD01237	₂₀ C74	CAP	, F X D	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237
C 2 2	CAP,F)	D TANTAL	202L3502 474KB		5CSAC01065	C 7 5	CAP	, F X D	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237
C 2 3	CAP,F)	D TANTAL	202L3502 474KB		5CSAC01065	C76	CAP	, FXD	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237
c 2 4	CAP,F)	D CER	C3216X7R1E104K-E-TP	0.1uF	5CAAD01237	C77	CAP	, FXD	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237
C 2 5	CAP,F)	D TANTAL	202L3502 474KB		5CSAC01065	C 7 8	CAP	, FXD	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237
2 5 C 2 6	CAP,F)	D TANTAL	202L3502 474KB		5CSAC01065	2 5 C 7 9	CAP	, F X D	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237
C 2 7	CAP,F)	D C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5 C A A D O O 7 8 9	C80	CAP	, FXD	CER	C3216X7R1E104K-E-TP	0.10f	5CAAD01237
C 3 O	CAP,F)	D CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237	C 8 1	CAP	, FXD	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237
C 3 1	CAP,F)	D CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237	C 8 2	CAP	FXD	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237
C32	CAP,F)	D CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237	C83	CAP	, FXD	ELCTLT	ECE-A1EU100B		5CEAA01864
, C 3 3	CAP,F)	D CER	C3216X7R1E104K-E-TP	0.1UF	5 C A A D O 1 2 3 7	3 u C 8 6	CAP	, F X D	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5CAAD00789
C 3 4	CAP,F)	D ELCTLT	ECE-A1EU101B		5CEAA01813	C 8 7	CAP	, FXD	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237
C 3 5	CAP,F)	D CER	C3216SL1H222J-E-TP	2200PF	5 C A A D O O 7 9 2	C 8 8	CAP	, FXD	TANTAL	202L3502 474KB		5CSAC01065
C 3 6	CAP,F)	D C CER	C3216JB1H1O3K-E-TP	50v 0.01uf	5 C A A D O O 7 8 9	C89	CAP	, FXD	CER	C3216X7R1E104K-E-TP	0.1uF	5CAAD01237
C37	CAP,F)	D CER	C3216X7R1E104K-E-TP	0.10F	5CAAD01237	c 9 O	CAP	, F X D	CER	C3216X7R1E104K-E-TP	0.10F	5CAAD01237
C 4 6	CAP,F)	D CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237	з b С 9 1	CAP	, FXD	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237

		I	I F	AMP TITLE	CAE-227A	SHEET NO.			F	ŢF	AMP	CAE-227A	SHEET NO
	— Т	1		T	T								
PART	NO	PART	NAME	TYPE	DESCRIPTION	CODE	P A R T	NO P/	RT	NAME	TYPE	DESCRIPTION	CODE
C 9 2	С	AP,FXD	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237	c132	CAP,	ХD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5CAAD00789
C 9 4	С	AP,FXD	CER	C3216X7R1E333K-E-TP	0.033U	5CAAD01203	C 1 3 5	CAP,	ΧD	ELCTLT	ECE-A1EU330B		5CEAA01822
C 9 5	С	AP,FXD	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237	C136	CAP,	XD	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237
C 9 6	С	AP,FXD	CER	C3216JB1H472K-E-TP	4700PF	5 C A A D O 1 1 3 8	C137	CAP,	XD	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237
C 9 7	С	AP,FXD	CER	C3216X7R1E333K-E-TP	0.0330	5CAAD01203	c 138	CAP,	ΧD	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237
C 9 8	С	AP,FXD	ELCTLT	ECE-A1EU100B		5CEAA01864	C 139	CAP,	XD	CER	C3216CH1H68OJ-E-TP	68PF	5CAAD00929
C 9 9	С	AP,FXD	CER	C3216X7R1E333K-E-TP	0.0330	5CAAD01203	c 140	CAP,	X D	ELCTLT	ECE-A1EU100B		5CEAA01864
C100	C	AP,FXD	TANTAL	202L3502 105KB	35V 1UF	5 C S A C O O 9 8 2	C 1 4 1	CAP,	X D	ELCTLT	ECE-A1EU100B		5CEAA01864
C101	С	AP,FXD	CER	C3216CH1H471J-E-TP	470PF	5CAAD00797	C 1 4 2	CAP,	X D	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237
C102	С	AP,FXD	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782	C143	CAP,	ΧD	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237
C103	С	AP,FXD	TANTAL	202L3502 105KB	35V 1UF	5CSAC00982	C 1 4 4	CAP,	X D	CER	C3216X7R1E104K-E-TP	0.10F	5CAAD01237
C104	С	AP,FXD	ELCTLT	ECE-A1EU100B		5 C E A A O 1 8 6 4	C 1 4 5	CAP,	ΧD	TANTAL	202L2502 225KB	2.2UF 25V	5CSAC01129
C105	С	AP,FXD	TANTAL	202L3502 224KB	0.22UF 35V	5CSAC00988	C 146	CAP,	X D	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782
C106	С	AP,FXD	CER	C3216X7R1E333K-E-TP	0.033U	5CAAD01203	C147	CAP,	XD	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782
C 107	С	AP,FXD	TANTAL	202L2502 475KB		5CSAC00934	C 148	CAP,	ΧD	TANTAL	202L3502 225KB		5CSAC01069
C108	С	AP,FXD	TANTAL	202L3502 105KB	35V 1UF	5CSAC00982	C149	CAP,	X D	CER	C3216X7R1E333K-E-TP	0.033u	5CAAD01203
C109	С	AP,FXD	CER	C3216X7R1E333K-E-TP	0.0330	5CAAD01203	ç150	CAP,	XD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5CAAD00789
C110	С	AP,FXD	ELCTLT	ECE-A1EU100B		5 C E A A O 1 8 6 4	C 1 5 1	CAP,	XD	C CER	C3216JB1H1O3K-E-TP	50v 0.01ur	5CAAD00789
C111	С	AP,FXD	CER	C3216X7R1E333K-E-TP	0.0330	5CAAD01203	C152	CAP,	XD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5CAAD00789
₂₀ C112	С	AP,FXD	CER	C3216X7R1E104K-E-TP	0.10F	5CAAD01237	2 0 C 1 5 3	CAP,	ΧD	CER	C3216JB1E473K-E-TP		5CAAD01131
c113	С	AP,FXD	C CER	C3216JB1H103K-E-TP	50V 0.01UF	5CAAD00789	C154	CAP,	X D	TANTAL	202L3502 224KB	0.22UF 35V	5CSAC00988
C114	С	AP,FXD	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237	C 155	CAP,1	X D	ELCTLT	ECE-A1EU100B		5CEAA01864
C115	С	AP,FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5CAAD00789	C 157	CAP,	XD	TANTAL	202L3502 105KB	35V 1UF	5CSAC00982
C116	C	AP,FXD	CER	C3216X7R1E333K-E-TP	0.033U	5CAAD01203	C 159	CAP,	X D	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237
2 5 C 1 2 1	С	AP,FXD	CER	C3216X7R1E333K-E-TP	0.0330	5CAAD01203	2 5 C 1 6 6	CAP,	XD	CER	C3216X7R1E104K-E-TP	0.10F	5CAAD01237
C122		AP,FXD	CER	C3216X7R1E333K-E-TP	0.033U	5CAAD01203	C167	CAP,	XD	TANTAL	202L3502 224KB	0.22UF 35V	5CSAC00988
C123	С	AP,FXD	ELCTLT	ECE-A1EU100B		5CEAA01864	C168	CAP,	X D	ELCTLT	ECE-A1EU100B		5CEAA01864
C124	С	AP,FXD	CER	C3216JB1H223K-E-TP		5CAAD01645	C169	CAP,	X D	CER	C3216X7R1E104K-E-TP	0.1uf	5CAAD01237
C125	С	AP,FXD	CER	C3216JB1H223K-E-TP		5CAAD01645	C170	CAP,	ΧD	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237
C126	С	AP,FXD	CER	C3216JB1H223K-E-TP		5CAAD01645	с 171 з о	CAP,	XD	CER	C3216X7R1E104K-E-TP	0.10F	5CAAD01237
C127		AP,FXD	C CER	C3216JB1H103K-E-TP	50v 0.01uf	5CAAD00789	c172	CAP,	ΧD	ELCTLT	ECE-A1EU100B		5CEAA01864
c128	С	AP,FXD	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782	C173	CAP,	ΧD	TANTAL	202L3502 224KB	0.22UF 35V	5 C S A C O O 9 8 8
c129	С	AP,FXD	TANTAL	202L3502 105KB	35V 1UF	5CSAC00982	C175	CAP,	XD	ELCTLT	ECE-A1EU100B		5CEAA01864
c130	С	AP,FXD	C CER	C3216JB1H103K-E-TP	50V 0.01UF	5CAAD00789	C176	CAP,	XD	ELCTLT	ECE-A1EU100B		SCEAA01864
3 5 C 1 3 1	C	AP,FXD	C CER	C3216JB1H103K-E-TP	50V 0.01UF	5CAAD00789	C177	CAP,	XD	CER	C3216X7R1E104K-E-TP	O.1UF	5CAAD01237

			ΙF	AMP	CAE-227A	SHEET NO.			I F	AMP	1.E CAE-227A	SHEET NO
PART	NO I	ART	NAME	TYPE	DESCRIPTION	CODE	PART	NO PAI	T NAME	TYPE	DESCRIPTION	CODE
C178	CAP,	FXD	ELCTLT	ECE-A1EU100B		5CEAA01864	CD11	DIODE		HSM2836CTL		5TXAE00765
C179	CAP,	FXD	CER	C3216X7R1E104K-E-TP	0.1uF	5CAAD01237	CD13	DIODE		188184 TE85L		5TXAD00290
c180	CAP,	FXD	TANTAL	202L3502 334KB	35V 0.33U	5CSAC01151	CD14	DIODE		HSM2836CTL		5TXAE00765
C181	CAP,	FXD	ELCTLT	ECE-A1EU100B		5CEAA01864	CD21	DIODE		188184 TE85L		5TXAD00290
s C 182	CAP,	FXD	C CER	C3216JB1H103K-E-TP	50V 0.01UF	5CAAD00789	°CD55	DIODE		RD6.2M-T1B B2		5TXAA00674
C183	CAP,	FXD	ELCTLT	ECE-A1EU100B		5CEAA01864	CD23	DIODE		188226 TE85L		5TXAD00320
C 184	CAP,	FXD	C CER	C3216JB1H103K-E-TP	50V 0.01UF	5CAAD00789	CD24	DIODE		HSM2836CTL	•	5TXAE00765
C 191	CAP,	FXD	CER	C3216X7R1E333K-E-TP	0.033u	5CAAD01203	CD25	DIODE		188184 TE85L		5TXAD00290
C192	CAP,	FXD	ELCTLT	ECE-A1EU100B		5CEAA01864	CD26	DIODE		188184 TE85L		51XA000290
c193	CAP,	FXD	CER	C3216JB1H332K-E-TP	50V 3300PF	5CAAD01599	1 0 CD 27	DIODE		188184 TE85L		5TXAD00290
C194	CAP,	FXD	CER	C3216JB1H682K-E-TP		5CAAD01137	CD28	DIODE		1SV149B		5TXAD00332
C195	CAP,	FXD	CER	C3216JB1H682K-E-TP		5CAAD01137	CD29	DIODE		188184 TE85L		5TXAD00290
C196	CAP,	FXD	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237	CD30	DIODE		18897		5TXAA00326
C197	CAP,	FXD	TANTAL	202L3502 105KB	35V 1UF	5CSAC00982	CD31	DIODE		18897		5TXAA00326
C198	CAP,	FXD	C CER	C3216JB1H1O3K-E-TP	50v 0.01uf	5CAAD00789	102	I C		SN16913P		5DDAL00301
C 199	CAP,	FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5 C A A D O O 7 8 9	103	I C		M5223L		5DDAB00164
c 200	CAP,	FXD	CER	C3216X7R1E333K-E-TP	0.0330	5CAAD01203	1 C 4	1 C		TA7310P		50AAD00091
c 2 0 1	CAP,	FXD	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782	1 C 5	1 C		MC14066BCP		5DAAJ00359
c 2 O 2	CAP,	FXD	CER	C3216X7R1E333K-E-TP	0.033U	5CAAD01203	106	1 C		MC14066BCP		5DAAJ00359
c 203	CAP,	FXD	CER	C3216JB1H223K-E-TP		5CAAD01645	₂₀ IC7	1 C		M5223L		500AB00164
C 2 O 4	CAP,	FXD	CER	C3216JB1H332K-E-TP	50V 3300PF	5CAAD01599	1 C 8	1 C		MC3361BP		5DDAS00206
C 2 O 5	CAP,	FXD	CER	C3216X7R1E333K-E-TP	0.033u	5CAAD01203	109	1 C		M5223L		5DDAB00164
C 2 D 6	CAP,	FXD	CER	C3216JB1H682K-E-TP		5CAAD01137	1010	1 C		TC4052BP		5DDAE00208
C 2 0 7	CAP,	FXD	CER	C3216SL1H222J-E-TP	2200PF	5CAAD00792	1011	I C		M5218L		5DDAB00158
c 208	CAP,	FXD	CER	C3216JB1H223K-E-TP		5CAAD01645	2 B I C12	1 C		M5218L		500AB0015 8
C 210	CAP,	FXD	CER	C3216CH1H471J-E-TP	470PF	5CAAD00797	J 1	CONNE	TOR	IL-G-2P-\$3L2-E		5JWAD00094
C D 1	DIOD	E		188226 TE85L		5TXAD00320	L 2	COIL		FL-7H472J-H	4.7MH	5LCAA00635
C D 2	DIOD	Ε		1SV149B		5TXAD00332	L 3	COIL		FL-7H472J-H	4.7MH	5LCAA00635
C D 3	DIOD	Ε		1\$\$184 TE85L		5TXAD00290	L 4	COIL		LALO3VB681K		5LCAA00442
CD4	DIOD	E		MPR4371F		51XBG00037	3 O	COIL		FL-7H222J-H	2.2MH WITH TUBE	
C D 5	DIOD	E		188226 TE85L		51XAD00320	L6	COIL		FL-7H222J-H	2.2MH WITH TUBE	5LCAA00631
C D 6	DIOD	E		1\$\$226 TE85L		5TXAD00320	L 7	COIL		LALO3VB100K	10UH	5LCAA00273
C D 8	DIOD	Ε		HSM2836CTL		5TXAE00765	L 8	1100		LALO3VB101K		5LCAA00333
C D 9	DIOD	E		188184 TE85L		5TXAD00290	L 9	COIL		LALO3VB820K		5LCAA00388
CD10	DIOD	E		RD5.1M-T1B B1		5TXAA00632	3 5 P 7	CONNE	TOR	EC1C-22P-2.5DSA	22P	5JWBS00070

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				TIT	I.E	SHEET NO.			-		Т	I TI.E	SHEET NO
			I F	AMP	CAE-227A	7				I F	AMP	CAE-227A	8
PART	но	PART	NAME	TYPE	DESCRIPTION	CODE	ľΛRΤ	NO	PART	NAME	TYPE	DESCRIPTION	CODE
P8	С	ONNECTO	R	EC1C-22P-2.5DSA	22P	5JWBS00070	R 3 5	R	ESISTOR	FXD	ERJ-8GEYJ331V	330 OHM 1/8W	5REAG01732
PC1	P	CB		H-6PCJD00260D		6PCJD00260	R36	R	ESISTOR	FXD	ERJ-8GEYJ102V	1/8W 1K OHM	5REAG01738
R 1	R	ESISTOR	CFXD	ERJ-8GEYJ101V	1/8w 100 OHM	5REAG01726	R 3 7	R	ESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
R 2	R	ESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	R.38	R	ESISTOR	CFXD	ERJ-8GEYJ104V	1/8W 100K OHM	5REAG01762
R 3	R	ESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726	₅ R 3 9	R	ESISTOR	CFXD	ERJ-8GEYJ101V	1/8w 100 OHM	5REAG01726
R 4	R	ESISTOR	FXD	ERJ-8GEYJ220V	1/8W 22 OHM	5REAG01718	R 4 O	R	ESISTOR	FXD	ERJ-8GEYJ221V	1/8w 220 OHM	5REAG01730
R 5	R	ESISTOR	FXD	ERJ-8GEYJ183V	1/8W,18K OHM	5REAG01753	R 4 1	R	ESISTOR	FXD	ERJ-8GEYJ471V	1/8W 470 OHM	5REAG01734
R 6	R	ESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726	R 4 2	R	ESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750
R 7	R	ESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726	R43	R	ESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750
R 8	R	ESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726	R 4 4	R	ESISTOR	FXD	ERJ-8GEYJ221V	1/8W 220 OHM	5REAG01730
R 9	R	ESISTOR	FXD	ERJ-8GEYJ560V	1/8W 56 OHM	5REAG01723	R45	R	ESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750
R10	RI	ESISTOR	FXD	ERJ-8GEYJ680V	1/8W 68 OHM	5REAG01724	R 4 6	R	ESISTOR	FXD	ERJ-8GEYJ562V	1/8w 5.6K OHM	5REAG01747
R11	R	ESISTOR	FXD	ERJ-8GEYJ332V	1/8W 3.3K OHM	5REAG01744	R 5 1	R	ESISTOR	FXD	ERJ-8GEYJ153V	1/8w 15K OHM	5REAGD1752
R12	R	ESISTOR	FXD	ERJ-8GEYJ183V	1/8W,18K OHM	5REAG01753	R 5 2	R	ESISTOR	CFXD	ERJ-8GEYJ104V	1/8W 100K OHM	5REAG01762
R13	R	ESISTOR	CFXD	ERJ-8GEYJ101V	1/8w 100 OHM	5REAG01726	R 5 3	R	ESISTOR	CFXD	ERJ-8GEYJ104V	1/8W 100K OHM	5REAG01762
R 1 4	R	ESISTOR	CFXD	ERJ-8GEYJ101V	1/8w 100 OHM	5REAG01726	R 5 4	R	ESISTOR	FXD	ERJ-8GEYJ473V	1/8W 47K OHM	5REAG01758
R15	R	ESISTOR	FXD	ERJ-8GEYJ223V	1/8W 22K OHM	5REAG01754	R 5 5	R	ESISTOR	FXD	ERJ-8GEYJ473V	1/8W 47K OHM	5REAG01758
R16	R	ESISTOR	FXD	ERJ-8GEYJ682V	1/8W 6.8K OHM	5REAG01748	R 5 6	R	ESISTOR	FXD	ERJ-8GEYJ222V	1/8W 2.2K OHM	5REAG01742
R17	R	ESISTOR	CFXD	ERJ-8GEYJ104V	1/8W 100K OHM	5REAG01762	R 5 7	R	ESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750
R18	R	ESISTOR	CFXD	ERJ-8GEYJ104V	1/8W 100K OHM	5REAG01762	R 5 8	R	ESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750
R19	R	ESISTOR	FXD	ERJ-8GEYJ154V	1/8w 150k ohm	5REAG01764	R 5 9	R	ESISTOR	FXD	ERJ-8GEYJ473V	1/8W 47K OHM	5REAG01758
R 2 O	R	ESISTOR	FXD	ERJ-8GEYJ102V	1/8W 1K OHM	5REAG01738	R60	R	ESISTOR	FXD	ERJ-8GEYJ102V	1/8W 1K OHM	5REAG01738
R 2 1	R	ESISTOR	CFXD	ERJ-8GEYJ182V	1/8W 1.8K OHM	5REAG01741	R 6 1	R	ESISTOR	FXD	ERJ-8GEYJ473V	1/8W 47K OHM	5REAG01758
R 2 2	R	ESISTOR	FXD	ERJ-8GEYJ102V	1/8W 1K OHM	5REAG01738	R62	R	ESISTOR	FXD	ERJ-8GEYJ102V	1/8W 1K OHM	5REAG01738
R23	R	ESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	2 5 R 6 3	R	ESISTOR	CFXD	ERJ-8GEYJ101V	1/8w 100 OHM	5REAG01726
R 2 4	R	ESISTOR	FXD	ERJ-8GEYJ102V	1/8W 1K OHM	5REAG01738	R 6 4	R	ESISTOR	FXD	ERJ-8GEYJ331V	330 OHM 1/8W	5REAG01732
R 2 5	R	ESISTOR	CFXD	ERJ-8GEYJ151V	1/8w 150 ohm	5REAG01728	R65	R	ESISTOR	FXD	ERJ-8GEYJ561V	1/8W 560 OHM	5REAG01735
R 2 6	R	ESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	R66	R	ESISTOR	FXD	ERJ-8GEYJ561V	1/8W 560 OHM	5REAG01735
R 2 7	R	ESISTOR	CFXD	ERJ-8GEYJ104V	1/8W 100K OHM	5REAG01762	R67	R	ESISTOR	FXD	ERJ-8GEYJ153V	1/8W 15K OHM	5REAGD1752
R 2 8	R	ESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	R 6 8	R	ESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750
R29	R	ESISTOR	CFXD	ERJ-8GEYJ104V	1/8W 100K OHM	5REAG01762	R69	R	ESISTOR	FXD	ERJ-8GEYJ332V	1/8W 3.3K OHM	5REAG01744
R31	R	ESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	R 70	R	ESISTOR	FXD	ERJ-8GEYJ105V	1/8w 1m ohm	5REAG01774
R32	R	ESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	R71	R	ESISTOR	FXD	ERJ-8GEYJ183V	1/8W 18K OHM	5REAG01753
R33	R	ESISTOR	FXD	ERJ-8GEYJ105V	1/8W 1M OHM	5REAG01774	R72	R	ESISTOR	FXD	ERJ-8GEYJ332V	1/8W 3.3K OHM	5REAG01744
R34	R	ESISTOR	CFXD	ERJ-8GEYJ101V	1/8w 100 OHM	5REAG01726	873	R	ESISTOR	FXD	ERJ-8GEYJ102V	1/8W 1K OHM	5REAG01738

	-	1 F	AMP	CAE-227A	STIERT NO.			IF	ĀMP	CAE-227A	SHEET NO
PARI N	O PART	NAME	TYPE	DESCRIPTION	CODE	PART NO	PART	NAME	TYPE	DESCRIPTION	CODE
R74	RESISTOR	FXD	ERJ-8GEYJ105V	1/8W 1M OHM	5REAG01774	R112	RESISTOR	FXD	ERJ-8GEYJ473V	1/8W 47K OHM	5REAG01758
R 7 5	RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	R113	RESISTOR	FXD	ERJ-8GEYJ472V	1/8W 4.7K OHM	5REAG01746
R76	RESISTOR	FXD	ERJ-8GEYK2R2V		5REAG02210	R114	RESISTOR	FXD	ERJ-8GEYJ472V	1/8W 4.7K OHM	5REAG01746
R 8 1	RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	R115	RESISTOR	FXD	ERJ-8GEYJ105V	1/8W 1M OHM	5REAG01774
R82	RESISTOR	FXD	ERJ-8GEYJ473V	1/8W 47K OHM	5REAG01758	₅ R 1 1 6	RESISTOR	FXD	ERJ-8GEYJ102V	1/8W 1K OHM	5REAG01738
R83	RESISTOR	FXD	ERJ-8GEYOROOV	O OHM	5REAG01775	R117	RESISTOR	CFXD	ERJ-8GEYJ104V	1/8W 100K OHM	5REAG01762
R84	RESISTOR	FXD	ERJ-8GEYJ102V	1/8W 1K OHM	5REAG01738	R121	RESISTOR	FXD	ERJ-8GEYJ222V	1/8W 2.2K OHM	5REAG01742
R85	RESISTOR	FXD	ERJ-8GEYJ472V	1/8W 4.7K OHM	5REAG01746	R122	RESISTOR	FXD	ERJ-8GEYJ102V	1/8W 1K OHM	5REAG01738
R86	RESISTOR	CFXD	ERJ-8GEYJ101V	1/8w 100 OHM	5REAG01726	R123	RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
R87	RESISTOR	FXD	ERJ-8GEYJ393V	1/8W 39K OHM	5REAG01757	R 1 2 4	RESISTOR	FXD	ERJ-8GEYJ472V	1/8W 4.7K OHM	5REAG01746
R88	RESISTOR	FXD	ERJ-8GEYJ472V	1/8W 4.7K OHM	5REAG01746	R125	RESISTOR	FXD	ERJ-8GEYJ272V	1/8W,2.7K OHM	5REAG01743
R89	RESISTOR	FXD	ERJ-8GEYJ102V	1/8W 1K OHM	5REAG01738	R126	RESISTOR	FXD	ERJ-8GEYJ272V	1/8W,2.7K OHM	5REAG01743
R90	RESISTOR	FXD	ERJ-8GEYJ102V	1/8W 1K OHM	5REAG01738	R127	RESISTOR	FXD	ERJ-8GEYJ334V	1/8W 330K OHM	5REAG01768
R 9 1	RESISTOR	FXD	ERJ-8GEYJ682V	1/8W 6.8K OHM	5REAG01748	R128	RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750
R92	RESISTOR	FXD	ERJ-8GEYJ472V	1/8W 4.7K OHM	5REAG01746	R 1 2 9	RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750
R 9 3	RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	R130	RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750
R94	RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	R131	RESISTOR	FXD	ERJ-8GEYOROOV	0 OHM	5REAG01775
R95	RESISTOR	FXD	ERJ-8GEYJ393V	1/8W 39K OHM	5REAG01757	R140	RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750
R96	RESISTOR	FXD	ERJ-8GEYJ223V	1/8w 22K OHM	5REAG01754	R141	RESISTOR	FXD	ERJ-8GEYJ223V	1/8W 22K OHM	5REAG01754
, R 9 7	RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	2 0 R 1 4 2	RESISTOR	FXD	ERJ-8GEYJ474V	1/8W 470K OHM	5REAG01770
R98	RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	R143	RESISTOR	FXD	ERJ-8GEYJ682V	1/8W 6.8K OHM	5REAG01748
R99	RESISTOR	FXD	ERJ-8GEYJ332V	1/8W 3.3K OHM	5REAG01744	R144	RESISTOR	FXD	ERJ-8GEYJ332V	1/8W 3.3K OHM	5REAG01744
R100	RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	R145	RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750
R101	RESISTOR	FXD	ERJ-8GEYJ473V	1/8W 47K OHM	5REAG01758	R146	RESISTOR	FXD	ERJ-8GEYJ473V	1/8W 47K OHM	5REAG01758
R102	RESISTOR	FXD	ERJ-8GEYJ473V	1/8W 47K OHM	5REAG01758	2 B R 1 4 7	RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750
R103	RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726	R148	RESISTOR	FXD	ERJ-8GEYJ473V	1/8W 47K OHM	5REAG01758
R104	RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	R149	RESISTOR	CFXD	ERJ-8GEYJ104V	1/8W 100K OHM	5REAG01762
R105-1	RESISTOR	FXD	ERJ-8GEYJ105V	1/8W 1M OHM	5REAG01774	R150	RESISTOR	CFXD	ERJ-8GEYJ104V	1/8W 100K OHM	5REAG01762
R105-2	RESISTOR	FXD	ERJ-8GEYJ105V	1/8W 1M OHM	5REAG01774	R151	RESISTOR	FXD	ERJ-8GEYJ682V	1/8W 6.8K OHM	5REAG01748
R106	RESISTOR	FXD	ERJ-8GEYJ473V	1/8W 47K OHM	5REAG01758	R 1 5 2	RESISTOR	FXD	ERJ-8GEYJ473V	1/8W 47K OHM	SREAG01758
R107	RESISTOR	FXD	ERJ-8GEYJ223V	1/8W 22K OHM	5REAG01754	R153	RESISTOR	CFXD	ERJ-8GEYJ104V	1/8W 100K OHM	5REAG01762
R108	RESISTOR	FXD	ERJ-8GEYJ561V	1/8W 560 OHM	5REAG01735	R154	RESISTOR	FXD	ERJ-8GEYJ222V	1/8W 2.2K OHM	5REAG01742
R109	RESISTOR	FXD	ERJ-8GEYJ473V	1/8W 47K OHM	SREAG01758	R155	RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750
R110	RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	R156	RESISTOR	FXD	ERJ-8GEYJ331V	330 OHM 1/8W	5REAG01732
R111	RESISTOR	FXD	ERJ-8GEYJ473V	1/8W 47K OHM	5REAG01758	R157	RESISTOR	FXD	ERJ-8GEYJ822V		5REAG01749

					TITLE	SHEET NO.		T			T I T I. E	SHEET NO
			ΙF	AMP	CAE-227A	11			İF	ÂMP	CAE-227A	12
PART	МО	PART	NAME	TYPE	DESCRIPTION	CODE	PART	NO PART	NAME	TYPE	DESCRIPTION	CODE
R158	R	ESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	R196	RESISTO	FXD	ERJ-8GEYJ683V	1/8W 68K OHM	5REAG01760
R159	R	ESISTOR	FXD	ERJ-8GEYJ473V	1/8W 47K OHM	5REAG01758	R197	RESISTO	FXD	ERJ-8GEYJ334V	1/8W 330K OHM	5REAG01768
R160	R	ESISTOR	FXD	ERJ-8GEYJ221V	1/8W 220 OHM	5REAG01730	R198	RESISTO	FXD	ERJ-8GEYOROOV	0 OHM	5REAG01775
R161	R	ESISTOR	FXD	ERJ-8GEYJ152V	1/8W 1.5K OHM	5REAG01740	R199	RESISTO	FXD	ERJ-8GEYOROOV	О ОНМ	5REAG01775
R162	R	ESISTOR	FXD	ERJ-8GEYJ222V	1/8W 2.2K OHM	5REAG01742	s R 200	RESISTO	CFXD	ERJ-8GEYJ681V	1/8W 680 OHM	5REAG01736
R163	R	ESISTOR	FXD	ERJ-8GEYJ102V	1/8W 1K OHM	5REAG01738	R 2 1 1	RESISTO	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
R166	R	ESISTOR	CFXD	ERJ-8GEYJ104V	1/8W 100K OHM	5REAG01762	R 2 1 2	RESISTOR	FXD	ERJ-8GEYJ472V	1/8W 4.7K OHM	5REAG01746
R167	R	ESISTOR	FXD	ERJ-8GEYJ103V	1/8W 1DK OHM	5REAG01750	R213	RESISTOR	FXD	ERJ-8GEYJ562V	1/8W 5.6K OHM	5REAG01747
R168	R	ESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	R 2 1 4	RESISTOR	FXD	ERJ-8GEYJ562V	1/8W 5.6K OHM	5REAG01747
R169	R	ESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	R 2 1 5	RESISTOR	FXD	ERJ-8GEYJ334V	1/8W 330K OHM	5REAG01768
R170	R	ESISTOR	FXD	ERJ-8GEYJ102V	1/8W 1K ORM	5REAG01738	R216	RESISTOR	FXD	ERJ-8GEYJ102V	1/8W 1K OHM	5REAG01738
R171	R	ESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	R217	RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750
R172	R	ESISTOR	FXD	ERJ-8GEYJ222V	1/8W 2.2K OHM	5REAG01742	R218	RESISTOR	FXD	ERJ-8GEYJ103V	1/8w 10K OHM	5REAG01750
R173	R	ESISTOR	FXD	ERJ-8GEYJ222V	1/8W 2.2K OHM	5REAG01742	R219	RESISTOR	FXD	ERJ-8GEYJ224V	1/8W 220K OHM	5REAG01766
R174	R	ESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	R 2 2 0	RESISTOR	FXD	ERJ-8GEYJ224V	1/8W 220K OHM	5REAG01766
R175	R	ESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	R221	RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750
R176	R	ESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	R231	THERMISTOR		PBN-42H-S2		5RXAD00007
R177	R	ESISTOR	FXD	ERJ-8GEYJ102V	1/8W 1K OHM	5REAG01738	RJ1	RESISTOR	FXD	ERJ-8GEYOROOV	O OHM	5REAG01775
R178	R	ESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	RJ2	RESISTOR	FXD	ERJ-8GEYOROOV	O OHM	5REAG01775
R179	R	ESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	_{2 0} R J 3	RESISTO	FXD	ERJ-8GEYOROOV	О ОНМ	5REAG01775
R180	R	ESISTOR	FXD	ERJ-8GEYJ822V		5REAG01749	RJ5	RESISTO	FXD	ERJ-8GEYOROOV	0 OHM	5REAG01775
R182	R	ESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	RJ6	RESISTO	FXD	ERJ-8GEYOROOV	0 OHM	5REAG01775
R183	R	ESISTOR	FXD	ERJ-8GEYJ105V	1/8W 1M OHM	5REAG01774	R J 7	RESISTO	FXD	ERJ-8GEYOROOV	0 OHM	5REAG01775
R184	R	ESISTOR	.FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	RJ8	RESISTO	R FXD	ERJ-8GEYOROOV	О ОНМ	5REAG01775
R185	R	ESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	₂₅ RJ9	RESISTO	R FXD	ERJ-8GEYOROOV	О ОНМ	5REAG01775
R186	R	ESISTOR	CFXD	ERJ-8GEYJ104V	1/8W 100K OHM	5REAG01762	RJ10	RESISTO	R FXD	ERJ-8GEYOROOV	О ОНМ	5REAG01775
R187	R	ESISTOR	FXD	ERJ-8GEYJ102V	1/8W 1K OHM	5REAG01738	RJ11	RESISTO	FXD	ERJ-8GEYOROOV	O OHM	SREAG01775
R189-	1 R	ESISTOR	FXD	ERJ-8GEYJ105V	1/8W 1M OHM	5REAG01774	RJ12	RESISTO	FXD	ERJ-8GEYOROOV	O OHM	5REAG01775
R189-	2 R	ESISTOR	FXD	ERJ-8GEYJ105V	1/8W 1M OHM	5REAG01774	RJ13	RESISTOR	FXD	ERJ-8GEYOROOV	O OHM	5REAG01775
R189-	3 R	ESISTOR	FXD	ERJ~8GEYJ105V	1/8W 1M OHM	5REAG01774	8J14	RESISTO	FXD	ERJ-8GEYOROOV	O OHM	5REAG01775
R190	R	ESISTOR	FXD	ERJ-8GEYJ102V	1/8w 1K OHM	5REAG01738	RJ15	RESISTO	FXD	ERJ-8GEYOROOV	О ОНМ	5REAG01775
R191	R	ESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	RJ16	RESISTO	FXD	ERJ-8GEYOROOV	О ОНМ	5REAG01775
R192	R	ESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	RJ19	RESISTO	FXD	ERJ-8GEYOROOV	О ОНМ	5REAG01775
R193	R	ESISTOR	FXD	ERJ-8GEYJ472V	1/8W 4.7K OHM	5REAG01746	RJ20	RESISTO	FXD	ERJ-8GEYOROOV	О ОНМ	5REAG01775
R195	R	ESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	8 J Z 1	RESISTO	FXD	ERJ-8GEYOROOV	О ОНМ	5REAG01775

	-	ΙF	AMP	CAE-227A	SHEET NO			İF	AMP	T1 E CAE-227A	SHEET NO
ART NO	PART	NAME	түрк	DESCRIPTION	CODE	PART NO	PART	NAME	TYPE	DESCRIPTION	CODE
J23	RESISTOR	FXD	ERJ-8GEYOROOV	0 OHM	5REAG01775	RJ59	RESISTOR	FXD	ERJ-8GEYOROOV	О ОНМ	5REAG0177
J24	RESISTOR	FXD	ERJ-8GEYOROOV	O OHM	5REAG01775	RJ60	RESISTOR	FXD	ERJ-8GEYOROOV	О ОНМ	5REAG0177
J 2 5	RESISTOR	FXD	ERJ-8GEYOROOV	O OHM	5REAG01775	RJ61	RESISTOR	FXD	ERJ-8GEYOROOV	O OHM	5REAG0177
J 2 7	RESISTOR	FXD	ERJ-8GEYOROOV	O OHM	5REAG01775	RJ62	RESISTOR	FXD	ERJ-8GEYOROOV	О ОНМ	5REAG0177
158	RESISTOR	FXD	ERJ-8GEYOROOV	О ОНМ	5REAG01775	, RJ63	RESISTOR	FXD	ERJ-8GEYOROOV	О ОНМ	5REAG0177
J 2 9	RESISTOR	FXD	ERJ-8GEYOROOV	О ОНМ	5REAG01775	RJ64	RESISTOR	FXD	ERJ-8GEYOROOV	O OHM	5REAG0177
J30	RESISTOR	FXD	ERJ-8GEYOROOV	O OHM	5REAG01775	RJ65	RESISTOR	FXD	ERJ-8GEYOROOV	О ОНМ	5REAG0177
J31	RESISTOR	FXD	ERJ-8GEYOROOV	O OHM	5REAG01775	RJ66	RESISTOR	FXD	ERJ-8GEYOROOV	O OHM	5REAG0177
J 3 2	RESISTOR	FXD	ERJ-8GEYOROOV	О ОНМ	5REAG01775	RJ67	RESISTOR	FXD	ERJ-8GEYOROOV	O OHM	5REAG0177
J 3 3	RESISTOR	FXD	ERJ-8GEYOROOV	О ОНМ	5REAG01775	RJ6 8	RESISTOR	FXD	ERJ-8GEYOROOV	О ОНМ	5REAG0177
J 3 4	RESISTOR	FXD	ERJ-8GEYOROOV	О ОНМ	5REAG01775	RJ69	RESISTOR	FXD	ERJ-8GEYOROOV	О ОНМ	5REAG01775
J 3 5	RESISTOR	FXD	ERJ-8GEYOROOV	O OHM	5REAG01775	RJ70	RESISTOR	FXD	ERJ-8GEYOROOV	О ОНМ	5REAG0177
J 36	RESISTOR	FXD	ERJ-8GEYOROOV	O OHM	5REAG01775	RJ71	RESISTOR	FXD	ERJ-8GEYOROOV	О ОНМ	5REAG0177
J37	RESISTOR	FXD	ERJ-8GEYOROOV	O OHM	5REAG01775	RJ72	RESISTOR	FXD	ERJ-8GEYOROOV	O OHM	5REAG0177
J 38	RESISTOR	FXD	ERJ-8GEYOROOV	О ОНМ	5REAG01775	RJ74	RESISTOR	FXD	ERJ-8GEYOROOV	О ОНМ	5REAG0177
J 3 9	RESISTOR	FXD	ERJ-8GEYOROOV	O OH M	5REAG01775	RJ76	RESISTOR	FXD	ERJ-8GEYOROOV	О ОНМ	5REAG0177
J 4 O	RESISTOR	FXD	ERJ-8GEYOROOV	O OHM	5REAG01775	RJ77	RESISTOR	FXD	ERJ-8GEYOROOV	О ОНМ	5REAG0177
J 4 1	RESISTOR	FXD	ERJ-8GEYOROOV	O OHM	5REAG01775	RJ78	RESISTOR	FXD	ERJ-8GEYOROOV	О ОНМ	5REAG0177
J42	RESISTOR	FXD	ERJ-8GEYOROOV	D OHM	5REAG01775	RJ79	RESISTOR	FXD	ERJ-8GEYOROOV	О ОНМ	5REAG0177
J 4 3	RESISTOR	FXD	ERJ-8GEYOROOV	O OHM	5REAG01775	2 0 R J 8 O	RESISTOR	FXD	ERJ-8GEYOROOV	0 OHM	5REAG0177
J 4 4	RESISTOR	FXD	ERJ-8GEYOROOV	O OHM	5REAG01775	RJ81	RESISTOR	FXD	ERJ-8GEYOROOV	O OHM	5REAG0177
J 4 5	RESISTOR	FXD	ERJ-8GEYOROOV	D OHM	5REAG01775	RJ82	RESISTOR	FXD	ERJ-8GEYOROOV	О ОНМ	5REAG0177
J46	RESISTOR	FXD	ERJ-8GEYOROOV	O OHM	5REAG01775	RJ83	RESISTOR	FXD	ERJ-8GEYOROOV	О ОНМ	5REAG0177
J47	RESISTOR	FXD	ERJ-8GEYOROOV	O OHM	5REAG01775	RJ85	RESISTOR	FXD	ERJ-8GEYOROOV	О ОНМ	5REAGD177
J 4 8	RESISTOR	FXD	ERJ-8GEYOROOV	О ОНМ	5REAG01775	2 b R J 8 6	RESISTOR	FXD	ERJ-8GEYOROOV	О ОНМ	SREAGD177
J 4 9	RESISTOR	FXD	ERJ-8GEYOROOV	О ОНМ	5REAG01775	RJ87	RESISTOR	FXD	ERJ-8GEYOROOV	O OHM	5REAG0177
J50	RESISTOR	FXD	ERJ-8GEYOROOV	O OHM	5REAGD1775	R V 1	RESISTOR	VAR	EVN-D2AAD3B54		5RVAB0043
J 5 1	RESISTOR	FXD	ERJ-8GEYOROOV	О ОНМ	5REAG01775	RV2	RESISTOR	VAR	EVN-D8AAO3B14	10K OHM	5RVAB0042
J 5 2	RESISTOR	FXD	ERJ-8GEYOROOV	O OHM	5REAG01775	RV3	RESISTOR	VAR	EVN-D8AA03B14	10K OHM	5RVAB0042
J53	RESISTOR	FXD	ERJ-8GEYOROOV	О ОНМ	5REAG01775	3 U A	RESISTOR	VAR	EVN-D2AA03B23		5RVAB0042
J 5 4	RESISTOR	FXD	ERJ-8GEYOROOV	D OHM	5REAG01775	R V 5	RESISTOR	VAR	EVN-D2AA03814		5RVAB0043
J 5 5	RESISTOR	FXD	ERJ-8GEYOROOV	О ОНМ	5REAG01775	RV6	RESISTOR	VAR	EVN-D8AAO3B14	10K OHM	5RVAB0042
J56	RESISTOR	FXD	ERJ-8GEYOROOV	О ОНМ	5REAG01775	R V 7	RESISTOR	VAR	EVN-D8AAO3B54		5RVAB00419
J 5 7	RESISTOR	FXD	ERJ-8GEYOROOV	О ОНМ	5REAG01775	R V 8	RESISTOR	VAR	EVN-D2AA03B55		5RVAB0044
J 5 8	RESISTOR	FXD	ERJ-8GEYOROOV	O OHM	5REAG01775	8 V 9	RESISTOR	VAR	EVN-D2AA03B55		5RVAB0044

			ΙF	AMP TITLI	CAE-227A	SHEET NO.
PART N	10	PART	NAME	ТҮРЕ	DESCRIPTION	CODE
S 1		TERMINAL	-	A2-3PA-2.54DSA(01)		5JTBX0001
S1P	(CONNECTO) R	HIF3GA-2.54SP		5JFAA0115
T 1	ı	RF XFMR		s-061-006		5LJAA0000
т 2	1	RF XFMR		s-061-006		5LJAA0000
т 3	ı	RF XFMR		H-6LHJD00489	100KHZ	6LHJD0048
T 4	ı	RF XFMR		H-6LHJD00490	100KHZ	6LHJD0049
T 5	ı	RF XFMR		H-6LHJD00489	100KHZ	6LHJD0048
Т 6	(COIL		5D-ELD19A-41		6LAFD0001
T P	1	TEST TER	RMINAL	PCN6-PEA		5JDAA0036
TR1	1	TRANSIST	OR	3SK73-GR-2		5 T K A A O O 2 O
TR2	1	TRANSIS1	OR	3SK73-GR-2		51KAA0020
TR3	7	TRANSIST	OR	3SK73-GR-2		5TKAA0020
TR4		TRANSIST	OR	28C2712Y TE85L		5 T A A G O O 1 8
TR5	•	TRANSIST	OR	28C2712Y TE85L		5TAAG0018
TR6		TRANSIST	ror	2SA1162-YTE85L		5 T A A G O O 1 8
TR7	•	TRANSIS	OR	3SK73-GR-2		5 TK A A O O 2 O
TR8		TRANSIS	ror	28C2712Y TE85L		5 T A A G O O 1 8
TR9		TRANSIS	ror	28C2712Y TE85L		5 T A A G O O 1 8
TR10		TRANSIS	FOR	28C2712Y TE85L		5 T A A G O O 1 8
TR11		TRANSIS	FOR	2SC2712Y TE85L		5 T A A G O O 1 8
TR12		TRANSIS	TOR	2SC2712Y TE85L		5 T A A G O O 1 8
TR13		TRANSIS	TOR	2SC3398-TB		5 T C A Z 0 0 0 1
TR15		TRANSIS	TOR	28C2712Y TE85L		5TAAG0018
TR16		TRANSIS	TOR	28C2712Y TE85L		5TAAG0018
TR17		TRANSIS	TOR	28C2712Y TE85L		5 T A A G O O 1 8
TR18		TRANSIS	TOR	2SA1162-YTE85L		5TAAG0018
TR19		TRANSIS	TOR	28C2712Y TE85L		5 T A A G O O 1 8
TR20		TRANSIS	TOR	28C2712Y TE85L		5TAAG0018
TR21		TRANSIS	TOR	2SC3398-TB		5 T C A Z 0 0 0 1
TR22		TRANSIS	TOR	2SA1162-YTE85L		5 T A A G O O 1 8
TR23		TRANSIS	TOR	2SC3398-TB		5TCAZ0001
TR24		TRANSIS	TOR	2SC3398-TB		5 T C A Z 0 0 0 1
TR26		TRANSIS	TOR	28C2712Y TE85L		5 T A A G O O 1 8
TR27		TRANSIS	TOR	2SC2712Y TE85L		5 T A A G D D 1 8
TR30		TRANSIS	TOR	2SC3398-TB		5 T C A Z 0 0 0 1

			Ť 1 1		SHEFT NO
		ĬF	AMP	CAE-227A	16
PART NO	PART	NAME	TYPE	DESCRIPTION	CODE
TR31	TRANSIS	T O R	2SC2712Y TE85L		5 T A A G O O 1 8 d
TR32	TRANSIS	ror	2SA1162-YTE85L		5 T A A G O O 1 8 2
TR33	TRANSIS	TOR	2SA1162-YTE85L		5TAAG00182
TR34	TRANSIS	r o R	2SC3398-TB		51CAZ0001
TR35	TRANSIS	T O R	2SC3398-TB		5TCAZ0001
TR36	TRANSIS	r o r	2SC3398-TB		5TCAZ00011
TR37	TRANSIS	FOR	2SC3398-TB		5 T C A Z 0 0 0 1 1
TR38	TRANSIST	T O R	2SA1162-YTE85L		5TAAG00182
TR39	TRANSIST	FOR	2SC3398-TB		51CAZ00011
TR40	TRANSIS	r o R	28C2712Y TE85L		5TAAG00186
TR41	TRANSIS	FOR	2SC2712Y TE85L		5TAAG00186
x 1	RESONATO	OR	CSB360D		5NRAA00198

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		ECS	S TITI	E CMF-78	SHEET NO			ECS	S T1	CMF-78	SHEET NO
PART NO	PART	NAME	TYPE	DESCRIPTION	CODE	PART	NO PART	NAME	TYPE	DESCRIPTION	CODE
c 1	CAP, FXD	TANTAL	202L3502 474KB		5CSAC01065	C 4 5	CAP,FXD	ELCTLT	ECE-A1EU1008		5CEAA01864
c 5	CAP, FXD	TANTAL	202L3502 474KB		5CSAC01065	C 5 1	CAP,FXD	PLSTC	ECQ-B1H1O3JZ3		5CRAA00587
C 3	CAP, FXD	TANTAL	202L3502 474KB		5CSAC01065	C 5 2	CAP, FXD	PLSTC	ECQ-B1H1O3JZ3		5CRAA00587
C 4	CAP, FXD	ELCTLT	ECE-A1EU330B		5CEAA01822	C 5 3	CAP, FXD	PLSTC	ECQ-B1H1O3JZ3		5CRAA00587
_ C 5	CAP, FXD	TANTAL	202L3502 474KB		5CSAC01065	s C 5 4	CAP, FXD	PLSTC	ECQ-B1H103JZ3		5CRAA00587
C 6	CAP, FXD	TANTAL	202L3502 474KB		5CSAC01065	C55	CAP, FXD	PLSTC	ECQ-B1H1O3JZ3		5 C R A A O O 5 8 7
C 7	CAP,FXD	TANTAL	202L3502 474KB		5CSAC01065	C 5 6	CAP, FXD	PLSTC	ECQ-B1H1O3JZ3		5CRAA00587
C 8	CAP, FXD	ELCTLT	ECE-A1EU330B		5CEAA01822	C 5 7	CAP, FXD	PLSTC	ECQ-B1H1O3JZ3		5CRAA00587
C 9	CAP, FXD	CER	C3216SH1H102J-E-TP	50V 1000PF	5CAAD01479	C 5 8	CAP, FXD	PLSTC	ECQ-B1H1O3JZ3		5CRAA00587
ູ C 1 0	CAP, FXD	TANTAL	202L3502 225KB		5CSAC01069	C 61	CAP,FXD	PLSTC	ECQ-B1H1O3JZ3		5CRAA00587
C 1 1	CAP, FXD	CER	DD109-979CH151J50		5 C A A A O 3 1 4 8	c 6 2	CAP, FXD	PLSTC	ECQ-B1H1O3JZ3		5CRAA00587
C12	CAP, FXD	TANTAL	202L3502 474KB		5CSAC01065	C 6 3	CAP, FXD	PLSTC	ECQ-B1H103JZ3		5CRAA00587
C 1 3	CAP, FXD	TANTAL	202L3502 474KB		5CSAC01065	C 6 4	CAP, FXD	PLSTC	ECQ-B1H103JZ3		5CRAA00587
C15	CAP, FXD	PLSTC	ECQ-B1H102KZ3	50V 1000P	5CRAA00811	C 6 5	CAP, FXD	PLSTC	ECQ-B1H103JZ3		5CRAA00587
C16	CAP, FXD	PLSTC	ECQ-B1H332KZ3	50v 0.0033u	5 C R A A O O 8 1 5	C 6 6	CAP, FXD	PLSTC	ECQ-B1H103JZ3		5CRAA00587
C 2 1	CAP, FXD	TANTAL	202L3502 474KB		5CSAC01065	C67	CAP, FXD	PLSTC	ECQ-B1H103JZ3		5CRAA00587
C 5 5	CAP, FXD	TANTAL	202L3502 474KB		5CSAC01065	C 68	CAP, FXD	PLSTC	ECQ-B1H103JZ3		5CRAA00587
C 2 3	CAP,FXD	ELCTLT	ECE-A1EU330B		5CEAA01822	C71	CAP, FXD	PLSTC	ECQ-B1H103JZ3		5CRAA00587
C 2 4	CAP, FXD	TANTAL	202L3502 474KB		5CSAC01065	C72	CAP, FXD	PLSTC	ECQ-B1H103JZ3		5CRAA00587
ູ c 2 5	CAP, FXD	TANTAL	202L3502 474KB		5CSACD1065	₂₀ C 7 3	CAP, FXD	PLSTC	ECQ-B1H1O3JZ3		5CRAA00587
C 2 6	CAP,FXD	TANTAL	202L3502 474KB		5CSAC01065	c 74	CAP, FXD	PLSTC	ECQ-B1H1O3JZ3		5CRAA00587
C 2 7	CAP, FXD	PLSTC	ECQ-V1H333JZ3		5CRAA00804	C 7 5	CAP, FXD	PLSTC	ECQ-B1H1O3JZ3		5CRAA00587
C 2 8	CAP, FXD	PLSTC	ECQ-V1H224JZ3	0.22UF 50V	5 C R A A O O 4 8 2	C76	CAP, FXD	PLSTC	ECQ-B1H1O3JZ3		5CRAA00587
C 2 9	CAP, FXD	TANTAL	202L3502 474KB		5CSAC01065	C77	CAP, FXD	PLSTC	ECQ-B1H1O3JZ3		5CRAA00587
c 30	CAP, FXD	TANTAL	202L3502 474KB		5CSAC01065	₂₅ C 78	CAP, FXD	PLSTC	ECQ-B1H1O3JZ3		5CRAA00587
C 3 1	CAP,FXD	ELCTLT	ECE-A1EU330B		5CEAA01822	C 8 1	CAP,FXD	PLSTC	ECQ-B1H103J23		5CRAA00587
C 3 2	CAP,FXD	TANTAL	202L3502 474KB		5C\$AC01065	C 8 2	CAP, FXD	PLSTC	ECQ-B1H103JZ3		5CRAA00587
C 3 3	CAP,FXD	TANTAL	202L3502 474KB		5CSAC01065	C 8 3	CAP, FXD	PLSTC	ECQ-B1H103JZ3		5CRAA00587
C 3 4	CAP, FXD	TANTAL	202L3502 474KB		5 C S A C O 1 O 6 5	C 8 4	CAP, FXD	PLSTC	ECQ-B1H103JZ3		5CRAA00587
ូ c 3 5	CAP, FXD	PLSTC	ECQ-V1H333JZ3		5 C R A A O O 8 O 4	3 o C 8 5	CAP, FXD	PLSTC	ECQ-B1H1O3JZ3		5CRAA00587
C 36	CAP, FXD	PLSTC	ECQ-V1H224JZ3	0.22UF 50V	5 C R A A O O 4 8 2	C 8 6	CAP, FXD	PLSTC	ECQ-B1H1O3JZ3		5CRAA00587
C 4 1	CAP, FXD	ELCTLT	ECE-A1EU100B		5CEAA01864	C 8 7	CAP, FXD	PLSTC	ECQ-81H103JZ3		5CRAA00587
C 4 2	CAP, FXD	TANTAL	202L3502 105KB	35V 1UF	5CSAC00982	C 8 8	CAP, FXD	PLSTC	ECQ-B1H103JZ3		5CRAA00587
C 4 3	CAP, FXD	TANTAL	202L3502 105KB	35V 1UF	5CSAC00982	C 9 1	CAP,FXD	PLSTC	ECQ-81H103JZ3		5CRAA00587
C 4 4	CAP,FXD	ELCTLT	ECE-A1EU100B		5CEAA01864	3 5 C 9 2	CAP, FXD	PLSTC	ECQ-B1H103JZ3		5CRAA00587

SHEFF	1. E	TIT					SHEET NO.	I. E	TIT	· · · · · · · · · · · · · · · · · · ·	I		
	CMF-78	S	ECS				3	CMF-78		ECSS			
CODE	DESCRIPTION	TYPE	NAME	PART	ИО	PART	CODE	DESCRIPTION	TYPE	NAME	PART	ио	PART
5CEAA018		ECE-A1EU100B	ELCTLT	CAP,FXD	(C134	5CRAA00587		CQ-B1H1O3JZ3	PLSTC	CAP,FXD	(C93
5CEAA018		ECE-A1EU100B	ELCTLT	CAP,FXD	(C135	5CRAA00587		CQ-B1H1O3JZ3	PLSTC	CAP,FXD	(C 9 4
5CEAA018		ECE-A1EU100B	ELCTLT	CAP,FXD	(C136	SCRAA00587		CQ-B1H103JZ3	PLSTC	CAP,FXD	(C 9 5
5CEAA018		ECE-A1EU100B	ELCTLT	CAP,FXD	(C137	5 C R A A O O 5 8 7		CQ-B1H103JZ3	PLSTC	CAP,FXD	(C96
5CEAA018		ECE-A1EU100B	ELCTLT	CAP,FXD	(s C 1 3 8	5CRAA00587		CQ-B1H1O3JZ3	PLSTC	CAP,FXD	(C97
5CEAA018		ECE-A1EU100B	ELCTLT	CAP,FXD	(c139	5CRAA00587		CQ-B1H1O3JZ3	PLSTC	CAP,FXD	(C 9 8
5CEAA0182		ECE-A1EU330B	ELCTLT	CAP,FXD	(C174	5CRAA00587		CQ-81H103JZ3	PLSTC	CAP,FXD	(C101
5CSAC010		202L3502 474KB	TANTAL	CAP, FXD	(C175	5CRAA00587		CQ-B1H1O3JZ3	PLSTC	CAP,FXD	(C102
5CEAA0182		ECE-A1EU330B	ELCTLT	CAP,FXD	(C176	5CRAA00587		CQ-B1H1O3JZ3	PLSTC	CAP,FXD	(C103
5CEAA0182		ECE-A1EU330B	ELCTLT	CAP,FXD	(C177	5CRAA00587		CQ-B1H1O3JZ3	PLSTC	CAP, FXD	(₀ C 1 O 4
5CEAA0182		ECE-A1EU330B	ELCTLT	CAP,FXD	(C178	5CRAA00587		CQ-B1H1O3JZ3	PLSTC	CAP,FXD	(C105
5CSAC010		202L3502 474KB	TANTAL	CAP,FXD	(C182	5CRAA00587		CQ-B1H103JZ3	PLSTC	CAP,FXD	(C106
5CSAC010		202L3502 474KB	TANTAL	CAP,FXD	(C183	5CRAA00587		CQ-B1H1O3JZ3	PLSTC	CAP,FXD	(¢107
5CSAC010		202L3502 474KB	TANTAL	CAP,FXD	(C184	5CRAA00587		CQ-B1H1O3JZ3	PLSTC	CAP, FXD	(C108
5CSAC010		202L3502 474KB	TANTAL	CAP, FXD	(C185	5CRAA00587		CQ-B1H1O3JZ3	PLSTC	CAP, FXD	(s C 1 1 1
STXAE005	1/2W 5V	HZ5C1RE		DIODE		C D 2	5 C R A A O O 5 8 7		ECQ-B1H1O3JZ3	PLSTC	CAP,FXD		C112
51XAE0058		1S2076RE		DIODE	1	C D 3	5 C R A A D O 5 8 7		CQ-B1H1O3JZ3	PLSTC	CAP,FXD	(C113
50AAD005		TA7061BP		1 C	:	I C 1	5CRAA00587		CQ-B1H1O3JZ3	PLSTC	CAP,FXD	(C114
500AS000		MC14046BCP		1 C		1 C 2	5 C R A A O O S 8 7		CQ-B1H1O3JZ3	PLSTC	CAP,FXD		C115
500AL003		SN16913P		I C		2 O	5 C R A A O O 5 8 7		CQ-B1H1O3JZ3	PLSTC	CAP, FXD	1	₀ C116
500AL003		SN16913P		I C		1 C 4	5 C R A A O O 5 8 7		ECQ-B1H1D3JZ3	PLSTC	CAP,FXD		C117
50AAN002		NJM2058D		1 C		1 C 5	5CRAA00587		CQ-B1H1O3JZ3	PLSTC	CAP, FXD		C118
50 A A-N 0 0 2		NJM2058D		I C		1 C 6	5CEAA01864		CE-A1EU100B	ELCTLT	CAP,FXD		C121
50AAN002		NJM2058D		1 C		I C 7	5CEAA01864		CE-A1EU100B	ELCTLT	CAP,FXD		C122
500AE000	MOS	TC4069UBP		I C		2 5 I C 1 1	5CEAA01864		CE-A1EU100B	ELCTLT	CAP, FXD		₅ C123
SDDAE000		TC4066BP		1 C		I C 1 2	5CEAA01864		ECE-A1EU100B	ELCTLT	CAP,FXD		C124
50AAJ009		MC74HC259AP		1 C		1013	5CEAA01864		CE-A1EU100B	ELCTLT	CAP,FXD		C125
50AAR000		AN6541		1 C		I C 1 4	5CEAA01864		CE-A1EU100B	ELCTLT	CAP,FXD		C126
6LAJD002	1.6MH	H-6LAJD00279		COIL	(L2	5CEAA01864		CE-A1EU100B	ELCTLT	CAP, FXD		C127
6LAJD002	1.6MH	H-6LAJD00279		COIL	(3 O L 3	5CEAA01864		CE-A1EU100B	ELCTLT	CAP, FXD		₀ C128
5LCAA006	10MH	FL-9H103J-H		COIL	(L 4	5CEAA01864		ECE-A1EU100B	ELCTLT	CAP,FXD		C129
5LCAA006	10MH	FL-9H103J-H		COIL	(L5	5CEAA01864		CE-A1EU100B	ELCTLT	CAP,FXD		C130
5JWBS000	22P	EC1C-22P-2.5DSA	R	CONNECTO	(Р9	5CEAA01864		ECE-A1EU100B	ELCTLT	CAP,FXD		C131
5JWBS0007	22P	EC1C-22P-2.5DSA	R	CONNECTO	(P10	5CEAA01864		ECE-A1EU100B	ELCTLT	CAP,FXD		C132
6PCJD002		H-6PCJD00270A		PCB	(PC1	5CEAA01864		ECE-A1EU100B	ELCTLT	CAP, FXD		₅ C 1 3 3

		EC	SS	CMF-78	SHEET NO.			ECS		CMF-78	SHEET NO
PART	NO PART	NAME	TYPE	DESCRIPTION	CODE	PART NO	PART	NAME	TYPE	DESCRIPTION	CODE
R 1	RESISTOR	FXD	ERD-25UJ331T	1/4W 330 OHM	5RDAA01480	R 5 8	RESISTOR	FXD	ERD-25UJ154T	1/4W 150K	5RDAA01807
R 2	RESISTOR	FXD	ERD-25UJ101T	1/4W 100 OHM	5RDAA01599	R 6 1	RESISTOR	FXD	ERD-25UJ104T	100K OHM 1/4W	5RDAA01623
R 3	RESISTOR	FXD	ERD-25UJ102T	1K OHM 1/4	5RDAA01542	R62	RESISTOR	FXD	ERD-25UJ104T	100K OHM 1/4W	5RDAA01623
R 5	RESISTOR	FXD	ERD-25UJ101T	1/4W 100 OHM	5RDAA01599	R63	RESISTOR	FXD	ERD-25UJ104T	100K OHM 1/4W	5RDAA01623
. R 6	RESISTOR	FXD	ERD-25UJ183T	18K OHM 1/4W	5RDAA01605	s R 6 4	RESISTOR	FXD	ERD-25UJ104T	100K OHM 1/4W	5RDAA01623
R 7	RESISTOR	FXD	ERD-25UJ474T	1/4W 470K OHM	5RDAA01634	R 6 5	RESISTOR	FXD	ERD-25UJ104T	100K OHM 1/4W	5RDAA01623
R 8	RESISTOR	FXD	ERD-25UJ104T	100K OHM 1/4W	5RDAA01623	R66	RESISTOR	FXD	ERD-25UJ104T	100K OHM 1/4W	5RDAA01623
R 9	RESISTOR	FXD	ERD-25UJ103T	10K OHM 1/4W	5RDAA01547	R67	RESISTOR	FXD	ERD-25UJ104T	100K OHM 1/4W	5RDAA01623
R10	RESISTOR	FXD	ERD-25UJ101T	1/4W 100 OHM	5RDAA01599	R68	RESISTOR	FXD	ERD-25UJ104T	100K OHM 1/4W	5RDAA01623
R11	RESISTOR	FXD	ERD-25UJ154T	1/4W 150K	5RDAA01807	R 71	RESISTOR	FXD	ERD-25UJ473T	1/4W 47K OHM	5RDAA01618
R12	RESISTOR	FXD	ERD-25UJ181T	180 OHM	5RDAA01628	R72	RESISTOR	FXD	ERD-25UJ473T	1/4W 47K OHM	5RDAA01618
R13	RESISTOR	FXD	ERD-25UJ681T	1/4W 68D OHM	5RDAA01627	R73	RESISTOR	FXD	ERD-25UJ473T	1/4W 47K OHM	5RDAA01618
R 2 1	RESISTOR	FXD	ERD-25UJ101T	1/4W 100 OHM	5RDAA01599	R74	RESISTOR	FXD	ERD-25UJ473T	1/4W 47K OHM	5RDAA01618
R 2 2	RESISTOR	FXD	ERD-25UJ101T	1/4W 100 OHM	5RDAA01599	R75	RESISTOR	FXD	ERD-25UJ473T	1/4W 47K OHM	5RDAA01618
R31	RESISTOR	FXD	ERD-25UJ472T	4.7K OHM 1/4W	5RDAA01549	R76	RESISTOR	FXD	ERD-25UJ473T	1/4W 47K OHM	5RDAA01618
R32	RESISTOR	FXD	ERD-25UJ472T	4.7K OHM 1/4W	5RDAA01549	R77	RESISTOR	FXD	ERD-25UJ473T	1/4W 47K OHM	5RDAA01618
R 3 3	RESISTOR	FXD	ERD-25UJ472T	4.7K OHM 1/4W	5RDAA01549	R78	RESISTOR	FXD	ERD-25UJ473T	1/4W 47K OHM	5RDAA01618
R34	RESISTOR	FXD	ERD-25UJ153T	1/4W 15K OHM	5RDAA01594	R 8 1	RESISTOR	FXD	ERD-25UJ183T	18K OHM 1/4W	5RDAA01605
R35	RESISTOR	FXD	ERD-25UJ472T	4.7K OHM 1/4W	5RDAA01549	R82	RESISTOR	FXD	ERD-25UJ183T	18K OHM 1/4W	5RDAA01605
₽ 836	RESISTOR	FXD	ERD-25UJ472T	4.7K OHM 1/4W	5RDAA01549	2 0 R 8 3	RESISTOR	FXD	ERD-25UJ183T	18K OHM 1/4W	5RDAA01605
R37	RESISTOR	FXD	ERD-25UJ223T	22K OHM 1/4W	5RDAA01545	R 8 4	RESISTOR	FXD	ERD-25UJ183T	18K OHM 1/4W	5RDAA01605
R38	RESISTOR	FXD	ERD-25UJ472T	4.7K OHM 1/4W	5RDAA01549	R 8 5	RESISTOR	FXD	ERD-25UJ183T	18K OHM 1/4W	5RDAA01605
R39	RESISTOR	FXD	ERD-25UJ103T	10K OHM 1/4W	5RDAA01547	R86	RESISTOR	FXD	ERD-25UJ183T	18K OHM 1/4W	5RDAA01605
R40	RESISTOR	FXD	ERD-25UJ103T	10K OHM 1/4W	5RDAA01547	R87	RESISTOR	FXD	ERD-25UJ183T	18K OHM 1/4W	5RDAA01605
R41	RESISTOR	FXD	ERD-25UJ103T	10K OHM 1/4W	5RDAA01547	R 8 8	RESISTOR	FXD	ERD-25UJ183T	18K OHM 1/4W	5RDAA01605
R42	RESISTOR	FXD	ERD-25UJ103T	10K OHM 1/4W	5RDAA01547	R 9 1	RESISTOR	FXD	ERD-25UJ682T		5RDAA01713
R 4 3	RESISTOR	FXD	ERD-25UJ103T	10K OHM 1/4W	5RDAA01547	R92	RESISTOR	FXD	ERD-25UJ682T		5RDAA01713
R 4 4	RESISTOR	FXD	ERD-25UJ103T	10K OHM 1/4W	5RDAA01547	R93	RESISTOR	FXD	ERD-25UJ682T		5RDAA01713
R 5 1	RESISTOR	FXD	ERD-25UJ154T	1/4W 150K	5RDAA01807	R 9 4	RESISTOR	FXD	ERD-25UJ682T		5RDAA01713
R 5 2	RESISTOR	FXD	ERD-25UJ154T	1/4W 150K	5RDAA01807	R 9 5 3 ս	RESISTOR	FXD	ERD-25UJ682T		5RDAA01713
R 5 3	RESISTOR	FXD	ERD-25UJ154T	1/4W 150K	5RDAA01807	R 9 6	RESISTOR	FXD	ERD-25UJ682T		5RDAA01713
R 5 4	RESISTOR	FXD	ERD-25UJ154T	1/4W 150K	5RDAA01807	R 9 7	RESISTOR	FXD	ERD-25UJ682T		5RDAA01713
R 5 5	RESISTOR	FXD	ERD-25UJ154T	1/4W 150K	5RDAA01807	R98	RESISTOR	FXD	ERD-25UJ682T		5RDAA01713
R 5 6	RESISTOR	FXD	ERD-25UJ154T	1/4W 150K	5RDAA01807	R101	RESISTOR	FXD	ERD-25UJ332T	3.3K OHM 1/4W	5RDAA01544
R 5 7	RESISTOR	FXD	ERD-25UJ154T	1/4W 150K	5RDAA01807	3 5 R 1 O 2	RESISTOR	FXD	ERD-25UJ332T	3.3K OHM 1/4W	5RDAA01544

		EC:	SS	CMF-78	SHEET NO 7
PART	NO PART	NAME	TYPE	DESCRIPTION	CODE
R103	RESISTOR	FXD	ERD-25UJ332T	3.3K OHM 1/4W	5RDAA01544
R104	RESISTOR	FXD	ERD-25UJ332T	3.3K OHM 1/4W	5RDAA01544
R105	RESISTOR	FXD	ERD-25UJ332T	3.3K OHM 1/4W	5RDAA01544
R106	RESISTOR	FXD	ERD-25UJ332T	3.3K OHM 1/4W	5RDAA01544
R107	RESISTOR	FXD	ERD-25UJ332T	3.3K OHM 1/4W	5RDAA01544
R108	RESISTOR	FXD	ERD-25UJ332T	3.3K OHM 1/4W	5RDAA01544
R111	RESISTOR	FXD	ERD-25UJ182T	1/4W 1.8K OHM	5RDAA01617
R112	RESISTOR	FXD	ERD-25UJ182T	1/4W 1.8K OHM	5RDAA01617
R113	RESISTOR	FXD	ERD-25UJ182T	1/4W 1.8K OHM	5RDAA01617
R114	RESISTOR	FXD	ERD-25UJ182T	1/4w 1.8K OHM	5RDAA01617
R115	RESISTOR	FXD	ERD-25UJ182T	1/4W 1.8K OHM	5RDAA01617
R116	RESISTOR	FXD	ERD-25UJ182T	1/4W 1.8K OHM	5RDAA01617
R117	RESISTOR	FXD	ERD-25UJ182T	1/4W 1.8K OHM	5RDAA01617
R118	RESISTOR	FXD	ERD-25UJ182T	1/4W 1.8K OHM	5RDAA01617
R121	RESISTOR	FXD	ERD-25UJ103T	10K OHM 1/4W	5RDAA01547
R122	RESISTOR	FXD	ERD-25UJ103T	10K OHM 1/4W	5RDAA01547
R123	RESISTOR	FXD	ERD-25UJ103T	10K OHM 1/4W	5RDAA01547
R124	RESISTOR	FXD	ERD-25UJ103T	10K OHM 1/4W	5RDAA01547
R125	RESISTOR	FXD	ERD-25UJ103T	10K OHM 1/4W	5RDAA01547
R126	RESISTOR	FXD	ERD-25UJ103T	10K OHM 1/4W	5RDAA0154
R127	RESISTOR	FXD	ERD-25UJ683T	68K OHM 1/4W	5RDAA0170
R128	RESISTOR	FXD	ERD-25UJ472T	4.7K OHM 1/4W	5RDAA01549
R129	RESISTOR	FXD	ERD-25UJ472T	4.7K OHM 1/4W	5RDAA01549
R130	RESISTOR	FXD	ERD-25UJ333T	1/4W 33K OHM	5RDAA0159
R131	RESISTOR	FXD	ERD-25UJ103T	10K OHM 1/4W	5RDAA01547
R132	RESISTOR	FXD	ERD-25UJ103T	10K OHM 1/4W	5RDAA01547
R133	RESISTOR	FXD	ERD-25UJ683T	68K OHM 1/4W	5RDAA01705
R134	RESISTOR	FXD	ERD-25UJ472T	4.7K OHM 1/4W	5RDAA01549
R135	RESISTOR	FXD	ERD-25UJ472T	4.7K OHM 1/4W	5RDAA01549
R136	RESISTOR	FXD	ERD-25UJ333T	1/4W 33K OHM	5RDAA01591
R137	RESISTOR	FXD	ERD-25UJ103T	10K OHM 1/4W	5RDAA01547
R139	RESISTOR	FXD	ERD-25UJ103T	10K OHM 1/4W	5RDAA01547
R140	RESISTOR	FXD	ERD-25UJ103T	10K OHM 1/4W	5RDAA01547
R142	RESISTOR	FXD	ERD-25UJ103T	10K OHM 1/4W	5RDAA01547
R143	RESISTOR	FXD	ERD-25UJ472T	4.7K OHM 1/4W	5RDAA01549

		EC	\$ \$	TITI.E CMF-78	SHEET NO.
PART NO	PART	NAME	TYPE	DESCRIPTION	CODE
R 1 4 4	RESISTOR	R FXD	ERD-25UJ472T	4.7K OHM 1/4W	5RDAA0154
R145	RESISTOR	R FXD	ERD-25UJ472T	4.7K OHM 1/4W	5RDAA0154
R146	RESISTOR	R FXD	ERD-25UJ472T	4.7K OHM 1/4W	5RDAA0154
R172	RESISTOR	R FXD	ERG-1ANJ331	330 OHM 1W	5REAG0003
R173	RESISTOR	R FXD	ERD-25UJ103T	10K OHM 1/4W	5RDAA0154
R174	RESISTOR	R FXD	ERD-25UJ222T	2.2K OHM 1/4W	5RDAA01548
R175	RESISTOR	R FXD	ERD-25UJ332T	3.3K OHM 1/4W	5RDAA0154
R176	RESISTOR	R FXD	ERD-25UJ222T	2.2K OHM 1/4W	5RDAA01548
R181	RESISTOR	R FXD	ERD-25UJ332T	3.3K OHM 1/4W	5RDAA0154
R V 1	RESISTOR	R VAR	EVN-D2AAO3B53		5RVAB0043
RV2	RESISTOR	VAR	EVN-D8AA03B14	10K OHM	5RVAB00428
RV3	RESISTOR	R VAR	EVN-D2AA03B55		5RVAB00440
RV4	RESISTOR	VAR	EVN-D2AA03B55		5RVAB00440
TP1	TEST TER	RMINAL	PCN6-PEA		5JDAA0036
TP2	TEST TER	RMINAL	PCN6-PEA		5JDAA0036
TP3	TEST TER	MINAL	PCN6-PEA		5JDAA0036
TP4	TEST TER	RMINAL	PCN6-PEA		5JDAA0036
TP6	TEST TER	MINAL	PCN6-PEA		5JDAA0036
T P 7	TEST TER	RMINAL	PCN6-PEA		5JDAA0036
TP8	TEST TER	RMINAL	PCN6-PEA		5JDAA0036
T P 9	TEST TER	RMINAL	PCN6-PEA		5JDAA0036
TP10	TEST TER	RMINAL	PCN6-PEA		5JDAA0036
T R 1	TRANSIST	OR	25K192A-BL		5TKAA0008
TR2	TRANSIST	OR	2SA1020-Y		5 T A A G O O O 9
TR3	TRANSIST	OR	2SC1815-Y		51CAF0021

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PARTS LIST PARTS LIST

			L 0 0	P1 T171	CGA-145	SHEET NO.		1	LOC	DP1	CGA-145	SHEET N
AKI N	O PAR	T N	AME	TYPE	DESCRIPTION	CODE	PART NO	PART	NAME	TYPE	DESCRIPTION	CODE
1	CAP,FX	D	CER	C3216CH1H15OJ-E-TP	15PF	5 C A A D O O 7 8 7	C 3 6	CAP, FXD	CER	C3216CH1H100D-E-TP	10PF	5CAAD0078
2	CAP,FX	D C	CER	C3216CH1HO3OC-E-TP	50V 3PF	5CAAD00796	C 37	CAP, FXD	C CER	C3216CH1H1O1J-E-TP	50V 100PF	5 C A A D O O 7 8
3	CAP,FX	D	CER	C3216SL1H1D2J-E-TP	1000PF	5 C A A D O O 7 8 2	C 38	CAP, FXD	CER	C3216CH1H22OJ-E-TP	22PF	5CAAD0086
4	CAP,FX	D	CER	C3216SL1H1D2J-E-TP	1000PF	5CAAD00782	C 3 9	CAP, FXD	CER	C3216CH1H56OJ-E-TP		5CAAD0086
5	CAP,FX	D	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782	, C 4 O	CAP, FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5 C A A D O O 7 8
Š	CAP,FX	D	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782	C 4 1	CAP, FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5CAAD0078
7	CAP,FX	D	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782	C 4 2	CAP, FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5 C A A D O O 7 8
3	CAP,FX	D	CER	C3216CH1H100D-E-TP	10PF	5CAAD00785	C 4 3	CAP, FXD	C CER	C3216JB1H1O3K-E-TP	50v 0.01uf	5 C A A D O O 7 8
)	CAP,FX	D C	CER	C3216CH1H050C-E-TP	50V SPF	5 C A A D O O 8 O O	C 4 4	CAP, FXD	C CER	C3216JB1H1O3K-E-TP	50v 0.01uf	5CAAD0078
10	CAP,FX	D	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782	C 4 5	CAP, FXD	CER	C3216SL1H102J-E-TP	1000PF	5 C A A D O O 7 8
11	CAP,FX	D	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782	C 4 6	CAP, FXD	CER	C3216SL1H102J-E-TP	1000PF	5 C A A D O O 7 E
1 2	CAP,FX	D	CER	C3216SL1H102J-E-TP	1000PF	5 C A A D O O 7 8 2	C 4 7	CAP,FXD	ELCTLT	ECE-A1EU101B		5CEAA018
13	CAP,FX	D	CER	C3216SL1H102J-E-TP	1000PF	5 C A A D O O 7 8 2	C 4 8	CAP,FXD	ELCTLT	ECE-A1EU100B		5CEAAO18
14	CAP,FX	D	CER	C3216CH1H12OJ-E-TP	12P	5 C A A D O O 7 8 4	C 4 9	CAP, FXD	ELCTLT	ECE-A1EU101B		5 C E A A O 1 8
15	CAP,FX	D	CER	C3216CH1H100D-E-TP	10PF	5CAAD00785	C 5 O	CAP, FXD	TANTAL	202L3502 474KB		5 C-S-A G-0 1 0
16	CAP.FX	D	CER	C3216SL1H102J-E-TP	1000PF	5 C A A D D O 7 8 2	C 5 1	CAP, FXD	CER	C3216SL1H102J-E-TP	1000PF	5 C A A D O O 7
17	CAP,FX	D	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782	C 5 2	CAP, FXD	CER	C3216SL1H102J-E-TP	1000PF	5 C A A D D O 7
18	CAP,FX	D	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782	C 5 3	CAP, FXD	CER	C3216SL1H102J-E-TP	1000PF	5CAAD007
19	CAP,FX	D	CER	C3216CH1H100D-E-TP	10PF	5CAAD00785	C 5 4	CAP, FXD	CER	C3216SL1H102J-E-TP	1000PF	5CAAD007
20	CAP,FX	D	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782	c 5 5	CAP, FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5 C A A D O O 7
2 1	CAP,FX	D	CER	C3216SL1H102J-E-TP	1000PF	5 C A A D O O 7 8 2	C 5 6	CAP, FXD	CER	C3216SL1H102J-E-TP	1000PF	5CAAD007
2 2	CAP,FX	D EL	CTLT	ECE-A1EU101B		5CEAA01813	C 5 7	CAP, FXD	CER	C3216CH1H33OJ-E-TP	33PF	5CAAD007
23	CAP,FX	D	CER	C3216SL1H102J-E-TP	1000PF	5 C A A D O O 7 8 2	C 5 8	CAP, FXD	CER	C3216SL1H102J-E-TP	1000PF	5 C A A D O O 7
2 4	CAP,FX	D	CER	C3216SL1H102J-E-TP	1000PF	5 C A A D O O 7 8 2	C 5 9	CAP, FXD	CER	C3216SL1H102J-E-TP	1000PF	5 C A A D O O 7
25	CAP,FX	D	CER	C3216SL1H102J-E-TP	1000PF	5 C A A D O O 7 8 2	2 b C 6 O	CAP, FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5 C A A D O O 7
2 6	CAP, FX	D	CER	C3216SL1H102J-E-TP	1000PF	5 C A A D O O 7 8 2	C 6 1	CAP, FXD	C CER	C3216JB1H1O3K-E-TP	50v 0.01uf	5 C A A D O O 7
27	CAP,FX	D	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782	c 6 2	CAP, FXD	CER	C3216SL1H102J-E-TP	1000PF	5 C A A D O O 7
28	CAP, FX	D	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782	C63	CAP, FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5CAAD007
29	CAP, FX	D	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782	C 6 4	CAP, FXD	C CER	C3216JB1H1O3K-E-TP	50v 0.01uf	5 C A A D O O 7
30	CAP,FX	D C	CER	C3216JB1H103K-E-TP	50V 0.01UF	5 C A A D O O 7 8 9	3 0 C 6 5	CAP, FXD	C CER	C3216JB1H103K-E-TP	50V 0.01UF	5 C A A D O O 7
31	CAP,FX	D C	CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5 C A A D O O 7 8 9	C 6 6	CAP, FXD	CER	C3216X7R1E333K-E-TP	0.033u	5 C A A D O 1 2
3 2	CAP,FX	D C	CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5CAAD00789	C 6 7	CAP, FXD	CER	C3216SL1H102J-E-TP	1000PF	5 C A A D O O 7
3 3	CAP,FX	D C	CER	C3216JB1H103K-E-TP	50V 0.01UF	5CAAD00789	C 6 8	CAP, FXD	CER	C3216SL1H102J-E-TP	1000PF	5 C A A D O O 7
3 4	CAP,FX	D C	CER	C3216JB1H1O3K-E-TP	50v 0.01UF	5CAAD00789	C 6 9	CAP, FXD	CER	C3216SL1H102J-E-TP	1000PF	5 C A A D O O 7
35	CAP,FX	D	CER	C3216CH1H68OJ-E-TP	68PF	5CAAD00929	3 5 C 7 O	CAP, FXD	CER	C3216CH1H33OJ-E-TP	33PF	5 C A A D O O 7

		}	LOO	P1	E CGA-145	SHEET NO.			-	LOC	T1T	<u>i.e</u> CGA-145	SHEET NO
PART	но	PART	NAME	TYPE	DESCRIPTION	CODE	PART	МО	PART	NAME	TYPE	DESCRIPTION	(ODF
C 7 1		CAP, FXD	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782	L 1	(OIL		SC2-55T		5LZNL00001
C72		CAP,FXD	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782	L 2	(01L		SC2-45T		5LZNL00002
C73		CAP,FXD	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782	L3	(OIL		SC2-35T		5LZNL00003
C74		CAP,FXD	CER	C3216SL1H102J-E-TP	1000PF	5 C A A D O O 7 8 2	L 4	(OIL		LALO3KH6R8K		5LCAA00437
с75 5		CAP, FXD	ELCTLT	ECE-A1EU100B		5CEAA01864	₅ L 5	(OIL		LALO3KH2R2M	2.2UH	5LCAA00326
C 76		CAP, FXD	ELCTLT	ECE-A1EU100B		5CEAA01864	L6	(OIL		LALO3KH6R8K		5LCAA00437
C77		CAP, FXD	TANTAL	202L1602 106KB		5CSAC00932	L 7	C	:01L		LALO3KH2R2M	2.2UH	5LCAA00326
C 78		CAP,FXD	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782	L 8	C	OIL		LALO3KH6R8K		5LCAA00437
C79	,	CAP, FXD	ELCTLT	ECE-A1EU101B		5CEAA01813	L 9	C	OIL		LALO3KH2R2M	2.2UH	5LCAA00326
C80	,	CAP,FXD	C CER	C3216JB1H103K-E-TP	50V 0.01UF	5 C A A D O O 7 8 9	L 10	c	OIL		LALO3VB471K	470UH	5LCAA00270
C 9 D		CAP, FXD	C CER	C3216JB1H103K-E-TP	50V 0.01UF	5 C A A D O O 7 8 9	L11	C	OIL		LALO3VB471K	470UH	5LCAA00270
CD1	!	DIODE		1SV203-7TLC		51XAE00678	L12	C	OIL		LALO3VBR22M	O.22UH	5LCAA00280
CD2	;	DIODE		18V2O3-7TLC		5TXAE00678	L13	c	OIL		LALO3VBR22M	0.22ин	5LCAA00280
CD3		DIODE		15V203-7TLC		5TXAE00678	L14	c	OIL		LALO3VB1R2M		5LCAA00334
CD4		DIODE		18V203-7TLC		5TXAE00678	L15	C	OIL		LALO3VB471K	470UH	5LCAA00270
C D 5		DIODE		1SV203-7TLC		5TXAE00678	L16	C	OIL		LALO3VB1OOK	10UH	5LCAA00273
C D 6		DIODE		1SV203-7TLC		5TXAE00678	L17	c	OIL		LALO3VB100K	10uH	5LCAA00273
8 d 3		DIODE		HSM2694TLC		51XAE00627	L18	C	OIL		LALO3VB471K	470uH	5LCAA00270
C D 9		DIODE		HSM2694TLC		5TXAE00627	P15	C	ONNECTO	R	EC1C-22P-2.5DSA	22P	5JWBS00070
CD10		DIODE		188226 TE85L		5TXAD00320	P16	C	CONNECTO	R	EC1C-22P-2.5DSA	22P	5JWBS00070
CD11		DIODE		MPR4371F		5TXBG00037	PC1	F	СВ		H-6PCJD00261C		6PCJD00261
C V 1		CAPACITO	OR VAR	TZ03Z100FR	10PF	5CVAA00190	R 1	F	RESISTOR	FXD	ERJ-8GEYJ471V	1/8W 470 OHM	5REAG01734
C V 2		CAPACITO	OR VAR	TZ03Z100FR	10PF	5 C V A A O O 1 9 O	R 2	F	RESISTOR	CFXD	ERJ-8GEYJ101V	1/8w 100 OHM	5REAG01726
cv3		CAPACITO	OR VAR	TZ03Z100FR	10PF	5 C V A A O O 1 9 O	R 3	F	RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
FL1		FILTER		BPEB1		5NBAG00011	2 5	F	RESISTOR	CFXD	ERJ-8GEYJ101V	1/8w 100 ohm	5REAG01726
FL2		FILTER		DS310-55B222M	100v 0.0022UF	5 N X A A O O O O 2	R 5	F	RESISTOR	FXD	ERJ-8GEYJ473V	1/8W 47K OHM	5REAG01758
FL3		FILTER		SAF58MH7OZ		5NRAA00191	R 6	F	RESISTOR	FXD	ERJ-8GEYJ471V	1/8w 470 OHM	5REAG01734
IC1		1 C		UPC1651G		5 D A A A O O 1 7 1	R 7	F	RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
102		1 C		UPC1651G		5DAAA00171	R 8	F	RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
3 0 I C 3		1 C		UPC1651G		5 D A A A O O 1 7 1	3 0 R 9	F	RESISTOR	CFXD	ERJ-8GEYJ101V	1/8w 100 OHM	5REAG01726
I C 4		1 C		SN76514N		5DDAL00251	R10	F	RESISTOR	FXD	ERJ-8GEYJ473V	1/8w 47K OHM	5REAG01758
I C 5		I C		CX7925B		5DZCJ00008	R 1 1	F	RESISTOR	FXD	ERJ-8GEYJ471V	1/8w 470 OHM	5REAG01734
106		I C		SN76514N		5DDAL00251	R12	F	RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
107		I C		M5237L		5DDAB00346	R13	F	RESISTOR	CFXD	ERJ-8GEYJ101V	1/8w 100 OHM	5REAG01726
KC1		CABLE		H-6ZCJD35003		6ZCJD35003	R 1 4	F	RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726

		1.00		CGA-145	SHEET NO
PART	NO PAR	T NAME	TYPE	DESCRIPTION	CODE
R 1 5	RESIST	OR FXD	ERJ-8GEYJ473V	1/8W 47K OHM	5REAG01758
R16	RESIST	OR FXD	ERJ-8GEYJ473V	1/8W 47K OHM	5REAG01758
R 1 7	RESIST	OR CFXD	ERJ-8GEYJ104V	1/8w 100k ohm	5REAG01762
R18	RESIST	OR CFXD	ERJ-8GEYJ101V	1/8w 100 OHM	5REAG01726
R 1 9	RESIST	OR CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
R 2 O	RESIST	OR FXD	ERJ-8GEYJ330V	1/8w 33 OHM	5REAG01720
R 2 1	RESIST	OR FXD	ERJ-8GEYJ330V	1/8W 33 OHM	5REAG01720
R 2 2	RESIST	OR CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
R 2 3	RESIST	OR CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAGD1726
R 2 4	RESIST	OR CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
R 2 5	RESIST	OR CFXD	ERJ-8GEYJ101V	1/8w 100 OHM	5REAG01726
R 28	RESIST	OR CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
R 2 9	RESIST	OR FXD	ERJ-8GEYJ152V	1/8W 1.5K OHM	5REAG01740
R30	RESIST	OR FXD	ERJ-8GEYJ473V	1/8W 47K OHM	5REAG01758
R 3 1	RESIST	OR FXD	ERJ-8GEYJ331V	330 OHM 1/8W	5REAG01732
R 3 2	RESIST	OR FXD	ERJ-8GEYJ102V	1/8w 1K OHM	5REAG01738
R 3 5	RESIST	OR FXD	ERJ-8GEYJ102V	1/8W 1K OHM	5REAG01738
R 36	RESIST	OR CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG0172
R 3 7	RESIST	OR FXD	ERJ-8GEYJ471V	1/8W 470 OHM	5REAG01734
R38	RESIST	OR FXD	ERJ-8GEYJ224V	1/8w 220K OHM	5REAG01766
R 3 9	RESIST	OR FXD	ERJ-8GEYJ102V	1/8W 1K OHM	5REAG01738
R40	RESIST	OR FXD	ERJ-8GEYJ102V	1/8W 1K OHM	5REAG0173
R 4 1	RESIST	OR CFXD	ERJ-8GEYJ101V	1/8w 100 OHM	5REAG0172
R42	RESIST	OR CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG0172
R43	RESIST	OR FXD	ERJ-8GEYJ223V	1/8W 22K OHM	5REAG01754
R 4 4	RESIST	OR FXD	ERJ-8GEYJ472V	1/8w 4.7K OHM	5REAG0174
R45	RESIST	OR FXD	ERJ-8GEYJ102V	1/8w 1K OHM	5REAG0173
R46	RESIST	OR CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG0172
R 4 7	RESIST	OR FXD	ERJ-8GEYJ302V	1/8W 3K OHM	5REAG0221
R 4 8	RESIST	OR FXD	ERJ-8GEYJ471V	1/8w 470 OHM	5REAG0173
R 4 9	RESIST	OR FXD	ERJ-8GEYJ221V	1/8w 220 OHM	5REAG01730
R 5 O	RESIST	OR FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750
R 5 1	RESIST	OR FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750
R 5 2	RESIST	OR FXD	ERJ-8GEYJ331V	330 OHM 1/8W	5REAG0173
R V 1	RESIST	OR VAR	EVN-D2AA03B13		5RVAB00422

		1.00)P1	CGA-145	SHEET N
PART NO	PART	NAME	TYPE	DESCRIPTION	CODE
T 1	RF XFMR		H-6LHJD00297		6LHJD0029
τ2	RF XFMR	!	H-6LHJD00297		6 LHJD0029
T P 1	TEST TE	RMINAL	PCN6-PEA		5JDAA0036
T P 2	TEST TE	RMINAL	PCN6-PEA		5JDAA0036
TP3	TEST TE	RMINAL	PCN6-PEA		5JDAA0036
TP4	TEST TE	RMINAL	PCN6-PEA		5JDAA0036
TP5	TEST TE	RMINAL	PCN6-PEA		5JDAA0036
T P 6	TEST TE	RMINAL	PCN6-PEA		5JDAA0036
TP7	TEST TE	RMINAL	PCN6-PEA		5JDAA0036
TR1	TRANSIS	TOR	2SK210-BLTE85L		5TKAA0018
TR2	TRANSIS	TOR	2\$K210-BLTE85L		5TKAA0018
TR3	TRANSIS	TOR	2SK210-BLTE85L		5 T K A A O O 1 8
TR4	TRANSIS	TOR	2SK210-BLTE85L	•	5 T K A A O O 1 8
TR5	TRANSIS	TOR	2SC3324GR TE85	L	5 T C A F O O 7 1
TR6	TRANSIS	TOR	2SC3324GR TE85	L	5 T C A F 0 0 7 1
T R 7	TRANSIS	TOR	2SC3324GR TE85	L	5 T C A F 0 0 7 1
TR8	TRANSIS	TOR	2SC3398-TB		5TCAZ0001
T R 9	TRANSIS	TOR	2SC3398-TB		5 T C A Z 0001
TR10	TRANSIS	TOR	2SC3398-TB		5 T C A Z 0 0 0 1
TR11	TRANSIS	TOR	2SC3398-TB		5 T C A Z 0001
TR12	TRANSIS	STOR	2SC2714-YTE85L		5 T C A F O O 4 3
TR13	TRANSIS	STOR	2SC2714-YTE85L	-	5 T C A F O O 4 3
TR14	TRANSIS	STOR	2SA1015-Y		5 T A A G O O O 7
TR15	TRANSIS	STOR	2SC2714-YTE85L	-	5 T C A F O O 4 3

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				TITLE		SHEET NO.	The second of the second of the second of the second			TITLE		SHEET N
			REF	7005	CGK-127A	1			REF	7DDS	CGK-127A	5
PART	но	PART	NAME	түре	DESCRIPTION	CODE	PART NO	PART	NAME	TYPE	DESCRIPTION	CODE
c 1	С	AP,FXD	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237	C 3 7	CAP, FXD	CER	C3216SL1H821J-E-TP		5CAAD0106
c 2	C	AP,FXD	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237	c 38	CAP, FXD	CER	C3216SL1H222J-E-TP	2200PF	5 C A A D O O 7 9
C 3	C	AP,FXD	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237	c 3 9	CAP, FXD	CER	C3216CH1H561J-E-TP		5CAAD0106
C 4	C	AP,FXD	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782	C 4 O	CAP, FXD	CER	C3216SL1H152J-E-TP	1500PF	5 C A A D O O 7 9
C 5	C	AP,FXD	C CER	C3216JB1H103K-E-TP	50V 0.01UF	5 C A A D O O 7 8 9	₅ C 4 1	CAP,FXD	CER	C3216SL1H102J-E-TP	1000PF	5 C A A D O O 7 8
C 6	C	AP,FXD	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782	C 4 2	CAP, FXD	CER	C3216JB1H153K-E-TP		5 C A A D O 1 6 O
C 7	C	AP,FXD	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782	C 4 3	CAP, FXD	CER	C3216CH1H681J-E-TP	680P	5 C A A D O O 7 8
C 8	C	AP,FXD	CER	C3216SL1H102J-E-TP	1000PF	5 C A A D O O 7 8 2	C 4 4	CAP, FXD	CER	C3216JB1H682K-E-TP		5 C A A D O 1 1 3
C 9	C	AP,FXD	CER	C3216X7R1E333K-E-TP	0.0330	5CAAD01203	C 4 5	CAP, FXD	CER	C3216CH1H681J-E-TP	680P	5 C A A D O O 7 8
₀ C 1 D	C	AP,FXD	C CER	C3216CH1H1O1J-E-TP	50V 100PF	5 C A A D O O 7 8 O	C 4 6	CAP, FXD	CER	C3216X7R1E333K-E-TP	0.033u	5 C A A D O 1 2 O
C11	C	AP,FXD	CER	C3216CH1H470J-E-TP	47PF	5 C A A D O O 8 6 4	C 4 7	CAP,FXD	C CER	C3216CH1H1O1J-E-TP	50v 100pf	SCAAD0078
C12	C	AP,FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5 C A A D O O 7 8 9	C 4 8	CAP, FXD	CER	C3216CH1H470J-E-TP	47PF	5 C A A D O O 8 6
C13	C	AP,FXD	ELCTLT	ECE-A1EU101B		5CEAA01813	C 4 9	CAP, FXD	C CER	C3216JB1H103K-E-TP	50V 0.01UF	5 C A A D O O 7 8
C 1 4	C	AP,FXD	ELCTLT	ECE-A1EU101B		5CEAA01813	c 5 O	CAP,FXD	ELCTLT	ECE-A1EU101B		5CEAA0181
C15	C	AP,FXD	C CER	C3216JB1H103K-E-TP	50V 0.01UF	5 C A A D O O 7 8 9	C 5 1	CAP, FXD	CER	C3216X7R1E333K-E-TP	0.033u	5CAAD0120
C16	C	AP,FXD	CER	C3216X7R1E333K-E-TP	0.033U	5 C A A D O 1 2 O 3	c 5 2	CAP,FXD	CER	C3216JB1H682K-E-TP		5 C A A D O 1 1 3
C17	C	AP,FXD	ELCTLT	ECE-A1EU100B		5CEAA01864	C 5 3	CAP,FXD	CER	C3216SL1H122J-E-TP		5 C A A D O 1 O 6
C 18	C	AP,FXD	CER	C3216SL1H821J-E-TP		5CAAD01068	C 5 4	CAP,FXD	C CER	C3216JB1H103K-E-TP	50V 0.01UF	5 C A A D O O 7 8
C19	C	AP,FXD	CER	C3216CH1H121J-E-TP	120PF	5CAAD00931	C 5 5	CAP, FXD	C CER	C3216JB1H103K-E-TP	50V 0.01UF	5 C A A D O O 7 8
° c 50	C	AP,FXD	CER	C3216SL1H152J-E-TP	1500PF	5 C A A D O O 7 9 1	2 o C 5 6	CAP,FXD	ELCTLT	ECE-A1EU100B		5CEAA0186
C 2 1	C	AP,FXD	CER	C3216CH1H331J-E-TP	330PF	5CAAD01066	C 5 7	CAP, FXD	C CER	C3216JB1H103K-E-TP	50V 0.01UF	5 C A A D O O 7 8
C 2 2	C	AP,FXD	CER	C3216SL1H102J-E-TP	1000PF	5 C A A D O O 7 8 2	c 5 8	CAP, FXD	CER	C3216UJ1H15OJ-E-TP	15PF	5CAAD0129
C 2 4	C	AP,FXD	CER	C3216CH1H471J-E-TP	470PF	5 C A A D D O 7 9 7	C 5 9	CAP, FXD	C CER	C3216JB1H1O3K-E-TP	50v 0.01uf	5CAAD0078
C25	C	AP,FXD	CER	C3216JB1H332K-E-TP	50V 3300PF	5CAAD01599	C_60	CAP, FXD	CER	C3216X7R1E104K-E-TP	0.10F	5CAAD0123
C 2 6	C	AP,FXD	CER	C3216CH1H331J-E-TP	330PF	5CAAD01066	2 5 C 6 1	CAP,FXD	CER	C3216CH1H221J-E-TP	220PF	5 C A A D O O 7 9
C 2 7	C	AP,FXD	CER	C3216SL1H122J-E-TP		5CAAD01069	C 6 2	CAP, FXD	CER	C3216CH1H151J-E-TP	150PF	5 C A A D O O 8 7
C 2 8	C	AP,FXD	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782	C 6 3	CAP, FXD	CER	C3216CH1H22OJ-E-TP	22PF	5CAAD0086
C 2 9	C	AP,FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5CAAD00789	C 6 4	CAP, FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5 C A A D O O 7 8
C 3 O	C	AP,FXD	CER	C3216X7R1E333K-E-TP	0.033U	5CAAD01203	C 6 5	CAP, FXD	CER	C3216CH1H22OJ-E-TP	22PF	5 C A A D O O 8 6
₀ C 3 1	C	AP,FXD	CER	C3216X7R1E333K-E-TP	0.033u	5CAAD01203	C 6 6	CAP,FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5 C A A D O O 7 8
C 3 2	C	AP,FXD	CER	C3216X7R1E333K-E-TP	0.033u	5 C A A D O 1 2 O 3	C 6 7	CAP,FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5 C A A D O O 7 8
C 3 3	C	AP,FXD	CER	C3216X7R1E333K-E-TP	0.033U	5CAAD01203	C 6 8	CAP, FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5CAAD0078
C 3 4	C	AP,FXD	CER	C3216SL1H152J-E-TP	1500PF	5CAAD00791	C 6 9	CAP,FXD	ELCTLT	ECE-A1EU100B		5CEAA0186
C 3 5	C	AP,FXD	CER	C3216CH1H121J-E-TP	120PF	5CAAD00931	c 70	CAP,FXD	C CER	C3216JB1H1O3K-E-TP	50v 0.01uf	5 C A A D O O 7 8
C 36	C	AP,FXD	CER	C3216SL1H222J-E-TP	2200PF	5CAAD00792	C 7 1	CAP, FXD	CER	C3216SL1H222J-E-TP	2200PF	5 C A A D O O 7 9

		REI	F/DDS TITLE	CGK-127A	3 SHEET NO.	- · · · · ·		REF	7DDS TITLE	CGK-127A	SHEET NO.
AKI	NO PART	NAME	TYPE	DESCRIPTION	CODE	PART	NO PART	NAME	TYPE	DESCRIPTION	CODE
7 2	CAP, FXD	CER	C3216CH1H121J-E-TP	120PF	5CAAD00931	c115	CAP, FXD	CER	C3216SL1H102J-E-TP	1000PF	5CAAD0078
73	CAP, FXD	CER	C3216SL1H222J-E-TP	2200PF	5 C A A D O O 7 9 2	C127	CAP, FXD	CER	C3216CH1H221J-E-TP	220PF	5CAAD0079
74	CAP, FXD	CER	C3216CH1H271J-E-TP	50V 270PF	5 C A A D O O 8 8 3	C129	CAP, FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5CAAD0078
75	CAP, FXD	CER	C3216SL1H222J-E-TP	2200PF	5CAAD00792	c 1 3 1	CAP, FXD	CCER	C3216JB1H1O3K-E-TP	50V 0.01UF	5CAAD0078
76	CAP, FXD	C CER	C3216JB1H103K-E-TP	50V 0.01UF	5 C A A D O O 7 8 9	₅ C 1 3 2	CAP, FXD	ELCTLT	ECE-A1EU100B		5CEAA0186
77	CAP, FXD	C CER	C3216JB1H103K-E-TP	50V 0.01UF	5CAAD00789	C133	CAP, FXD	CCER	C3216JB1H1O3K-E-TP	50V 0.01UF	5CAAD0078
78	CAP,FXD	C CER	C3216JB1H103K-E-TP	50V 0.01UF	5CAAD00789	C134	CAP, FXD	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD0123
79	CAP, FXD	C CER	C3216JB1H1O3K-E-TP	50v 0.01uf	5CAAD00789	C135	CAP, FXD	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD0123
30	CAP, FXD	C CER	C3216JB1H1O3K-E-TP	50v 0.01uf	5CAAD00789	C136	CAP, FXD	ELCTLT	ECE-A1EU100B		5CEAA0186
31	CAP, FXD	ELCTLT	ECE-A1EU100B		5 C E A A O 1 8 6 4	C 1 3 7	CAP, FXD	ELCTLT	ECE-A1EU100B		5CEAA0186
3 4	CAP, FXD	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782	c138	CAP, FXD	ELCTLT	ECE-A1EU100B		5CEAA0186
3 5	CAP, FXD	CER	C3216SL1H102J-E-TP	1000Pf	5CAAD00782	C139	CAP, FXD	ELCTLT	ECE-A1EU100B		5CEAA0186
86	CAP,FXD	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782	C140	CAP, FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5CAAD0078
8 7	CAP, FXD	CER	C3216X7R1E104K-E-TP	0.10F	5CAAD01237	C142	CAP, FXD	C CER	C3216JB1H1O3K-E-TP	50v 0.01uf	5 C A A D O O 7 8
91	CAP, FXD	C CER	C3216JB1H103K-E-TP	50V 0.01UF	5 C A A D O O 7 8 9	C 1 4 4	CAP, FXD	ELCTLT	ECE-A1EU101B		5CEAA0181
92	CAP,FXD	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782	C145	CAP, FXD	CER	C3216X7R1E104K-E-TP	0.1uf	5CAAD0123
96	CAP, FXD	CER	C3216SL1H102J-E-TP	1000PF	5 C A A D O O 7 8 2	C147	CAP, FXD	C CER	C3216JB1H103K-E-TP	50V 0.01UF	5 C A A D O O 7 8
97	CAP, FXD	ELCTLT	ECE-A1EU101B		5CEAA01813	C148	CAP, FXD	ELCTLT	ECE-A1EU101B		5CEAA0181
98	CAP, FXD	CER	C3216CH1H15OJ-E-TP	15PF	5 C A A D O O 7 8 7	C150	CAP, FXC	CER	C3216JB1H682K-E-TP		5CAAD0113
99	CAP,FXD	CER	C3216CH1H15OJ-E-TP	15PF	5 C A A D O O 7 8 7	2 U C 1 5 1	CAP, FXC	CER	C3216SL1H821J-E-TP		5CAAD0106
100	CAP,FXD	CER	C3216SL1H102J-E-TP	1000PF	5 C A A D O O 7 8 2	C152	CAP, FXC	CCER	C3216JB1H103K-E-TP	50V 0.01UF	5CAAD0078
101	CAP, FXD	CER	C3216SL1H102J-E-TP	1000PF	5 C A A D O O 7 8 2	C153	CAP, FXC	CER	C3216JB1H332K-E-TP	50V 3300PF	5CAAD0159
102	CAP, FXD	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782	C 1 5 4	CAP, FXD	CER	C3216JB1H472K-E-TP	4700PF	5CAAD0113
103	CAP, FXD	CER	C3216SL1H102J-E-TP	1000PF	5 C A A D O O 7 8 2	C155	CAP, FXC	CER	C3216SL1H102J-E-TP	1000PF	5 C A A D O O 7 8
104	CAP,FXD	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782	2 5 C 1 5 6	CAP, FXC	CER	C3216CH1H18OJ-E-TP	18PF	5CAAD0086
105	CAP, FXD	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782	C157	CAP, FXC	CER	C3216CH1H18OJ-E-TP	18PF	5 C A A D O O 8 6
106	CAP, FXD	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782	C158	CAP, FXC	CER	C3216UJ1H15OJ-E-TP	15PF	5CAAD0129
107	CAP, FXD	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782	C159	CAP, FXC	CCER	C3216JB1H1O3K-E-TP	50v 0.01uf	5CAAD0078
108	CAP, FXD	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782	C 160	CAP, FXC	CER	C3216CH1H010C-E-TP	50V 1PF	5 C A A D O O 7 9
109	CAP, FXD	C CER	C3216JB1H103K-E-TP	50V 0.01UF	5 C A A D O O 7 8 9	3 U C 1 6 1	CAP, FXD	CCER	C3216JB1H103K-E-TP	50V 0.01UF	5 C A A D O O 7 8
110	CAP,FXD	TANTAL	202L3502 104KB		5 C S A C O 1 O 6 8	C171	CAP, FXC	ELCTLT	ECE-A1EU100B		5CEAA0186
111	CAP,FXD	ELCTLT	ECE-A1EU101B		5CEAA01813	C D 1	DIODE		1551 84 TE85L		5TXAD0029
112	CAP, FXD	CER	C3216\$L1H102J-E-TP	1000PF	5CAAD00782	C D 2	DIODE		188181 TE85L		5TXAD0035
113	CAP, FXD	CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782	C D 3	DIODE		188184 TE85L		5TXAD0029
114	CAP, FXD	CER	C3216CH1H22OJ-E-TP	22PF	5 C A A D O O O 8 6 9	3 5 C D 4	DIODE		FC53M		5TXAB0002

		r		т	ITLE	SHEET NO.			T		TIT	LE	SHEET NO
			RE	F/DDS	CGK-127A	5			-	REF	700\$	CGK-127A	6
PART N	40	PART	NAME	TYPE	DESCRIPTION	CODE	PART	ио	PART	NAME	TYPE	DESCRIPTION	CODE
€ D 7°	DI	ODE		MPR4371F		51XBG00037	L11	(COIL		LALO3VB2R7M		5LCAA00329
CD8	DI	ODE		188184 TE85L		5TXAD00290	L12	(COIL		LALO3VB100K	10uH	5LCAA00273
CV1	CA	PACITO	R VAR	ECR-HB010A11		5CVAC00134	L13	(COIL		LALO3KH2R7M		5LCAA00439
C V 2	CA	PACITO	R VAR	ECR-HB010A11		5CVAC00134	L14	(COIL		LALO3VB150K		5LCAA00324
FL1	FI	LTER		DS310-55B222M	100V 0.0022UF	5NXAA00002	L 15	(COIL		LALO3VB120K		5LCAA00386
IC1	I C			H-6DDJD00018 MB6	7116	6DDJD00018	L16	(COIL		LALO3VB100K	10ин	5LCAA00273
1 C 2	I C			H-600J000018 MB6	7116	6DDJD00018	L17	(COIL		LALO3VB3R9K		5LCAA00338
1 C 3	I C			TC5020BP		5DDAE00235	L18	(COIL		LALO3VB3R9K		5LCAA00338
I C 4	IC			TC5020BP		5DDAE00235	L 2 3	(COIL		LALO3VB100K	10uH	5LCAA00273
1 C 5	1 C			NJM3404AD		5 D A A N O O 1 6 1	10 ²⁴	(COIL		LALO3VB1ROM	1 и н	5LCAA00282
1 C 6	1 C			NJM319D		5DAAN00206	L 25	(COIL		LALO3VBR68M		5LCAA00339
107	1 C			NJM319D		5DAAN00206	L 2 7	(COIL		LALO3VB471K	470UH	5LCAA00270
I C 8	1 C			MC14013BCP		5DDAS00142	P13	(CONNECTO	R	EC1C-22P-2.5DSA	22P	5JWBS00070
I C 9	1 C			NJM78L08A	8V 100MA	5DAAN00079	P14	(CONNECTO	R	EC1C-22P-2.5DSA	22P	5JWBS00070
s I C 1 O	1 C			NJM78L08A	8 V 100 MA	5 D A A N O O O 7 9	PC1	ı	PCB		H-6PCJD00504B		6PCJD00504
IC11	1 C			NJM78LO5A	5V 0.1A	5 D A A N O O O 4 6	R 1	+	RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
1012	1 C			MC1496P		5DAAJ00083	R 2	ı	RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
IC13	I C			MC74HCDON		5DAAJ00142	R 3	1	RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
IC14	I C			MC74HC259N		5DAAJ00207	R 4	1	RESISTOF	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
0 I C 1 5	I C			TC74HC138AP		5DDAE01239	2 0 R 5	!	RESISTOR	R FXD	ERJ-8GEYJ123V	1/8W 12K OHM	5REAG01751
IC16	I C			TC74HC138AP		5DDAE01239	R 6		RESISTOR	R FXD	ERJ-8GEYJ822V		5REAG01749
1017	I C			CX7925B		5DZCJ00008	R 7	1	RESISTOR	R FXD	ERJ-8GEYJ122V	1/8W 1.2K OHM	5REAGD1739
IC19	I C			SN74LS90N		5DDAS00160	R 8		RESISTOR	R FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750
1020	1 C			MC14013BCP		5DDAS00142	R9		RESISTOR	R FXD	ERJ-8GEYJ123V	1/8W 12K OHM	5REAG01751
5 I C 2 1	I C			NJM78LO5A	5V 0.1A	5 D A A N O O O 4 6	R10		RESISTOR	RCFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
L1	СО	IL		LALO3VB471K	470UH	5LCAA00270	R11	1	RESISTO	R FXD	ERJ-8GEYJ153V	1/8W 15K OHM	5REAG01752
L 2	CO	IL		LALO3VB471K	470UH	5LCAA00270	R12		RESISTO	R FXD	ERJ-8GEYJ153V	1/8W 15K OHM	5REAG01752
L3	СО	IL		LALO3VB121K		5LCAA00440	R13		RESISTOF	R FXD	ERJ-8GEYJ472V	1/8W 4.7K OHM	SREAG01746
L4	СО	IL		LALO3VB101K		5LCAA00333	R14	1	RESISTOR	R FXD	ERJ-8GEYJ471V	1/8W 470 OHM	5REAG01734
₀ L5	СО	IL		LALO3VB221K	220NH	5LCAA00272	R 1 5	1	RESISTOF	R FXD	ERJ-8GEYJ471V	1/8W 470 OHM	5REAG01734
L6	СО	IL		LALO3VB271K		5LCAA00438	R16		RESISTO	R FXD	ERJ-8GEYJ221V	1/8W 220 OHM	5REAG01730
L7	СО	IL		LALO3VB3R9K		5LCAA00338	R 1 7		RESISTO	R FXD	ERJ-8GEYJ471V	1/8W 470 OHM	5REAG01734
L 8	CO	IL		LALO3KH2R7M		5LCAA00439	R18		RESISTO	R FXD	ERJ-8GEYJ221V	1/8W 220 OHM	5REAG01730
L9	СО	IL		LALO3VB2R7M		5LCAA00329	R 1 9		RESISTO	R FXD	ERJ-8GEYJ102V	1/8W 1K OHM	5REAG01738
s L 1 O	CO	IL		LALO3KH2R7M		5LCAA00439	R 2 0		RESISTOR	CEXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726

(JRC)

	<u></u>	RE	F/DDS	TIE CGK-127A	SHEET NO. 7				7DDS TI	TIE CGK-127A	SHEET N
							T				
ART	NO PART	NAME	TYPE	DESCRIPTION	CODE	PART NO	PART	NAME	ТУРЕ	DESCRIPTION	CODE
21	RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726	R57	RESISTOR	FXD	ERJ-8GEYJ223V	1/8W 22K OHM	5REAG0175
122	RESISTOR	FXD	ERJ-8GEYJ821V	1/8W 820 OHM	5REAG01737	R 5 8	RESISTOR	FXD	ERJ-8GEYJ223V	1/8W 22K OHM	5REAG0175
23	RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726	R 5 9	RESISTOR	FXD	ERJ-8GEYJ331V	330 OHM 1/8W	5REAG0173
24	RESISTOR	FXD	ERJ-8GEYJ122V	1/8W 1.2K OHM	5REAG01739	R60	RESISTOR	FXD	ERJ-8GEYJ221V	1/8W 22O OHM	5REAG0173
25	RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	s R 6 2	RESISTOR	FXD	ERJ-8GEYJ470V	1/8W 47 OHM	5REAG0172
26	RESISTOR	FXD	ERJ-8GEYJ332V	1/8W 3.3K OHM	5REAG01744	R66	RESISTOR	FXD	ERJ-8GEYJ223V	1/8W 22K OHM	5REAG0175
27	RESISTOR	CFXD	ERJ-8GEYJ101V	1/8w 100 ohm	5REAG01726	R67	RESISTOR	FXD	ERJ-8GEYJ223V	1/8W 22K OHM	5REAG0175
28	RESISTOR	FXD	ERJ-8GEYJ332V	1/8W 3.3K OHM	5REAG01744	R 68	RESISTOR	FXD	ERJ-8GEYJ222V	1/8W 2.2K OHM	5REAG0174
29	RESISTOR	FXD	ERJ-8GEYJ102V	1/8W 1K OHM	5REAG01738	R 6 9	RESISTOR	FXD	ERJ-8GEYJ221V	1/8W 22D OHM	5REAG0173
30	RESISTOR	FXD	ERJ-8GEYJ102V	1/8W 1K OHM	5REAGT1738	R 7 D	RESISTOR	FXD	ERJ-8GEYOROOV	О онм	5REAG0177
32	RESISTOR	FXD	ERJ-8GEYJ221V	1/8W 22D OHM	5REAG01730	R71	RESISTOR	FXD	ERJ-8GEYJ102V	1/8W 1K OHM	SREAGD173
33	RESISTOR	FXD	ERJ-8GEYJ102V	1/8W 1K OHM	5REAG01738	R72	RESISTOR	CFXD	ERJ-8GEYJ104V	1/8W 100K OHM	5REAG0176
34	RESISTOR	FXD	ERJ-8GEYJ103V	1/8w 10k ohm	5REAG01750	R73	RESISTOR	CFXD	ERJ-8GEYJ104V	1/8w 100k ohm	5REAG0176
35	RESISTOR	FXD	ERJ-8GEYJ122V	1/8w 1.2K OHM	5REAG01739	R74	RESISTOR	FXD	ERJ-8GEYJ223V	1/8W 22K OHM	5REAG0175
36	RESISTOR	FXD	ERJ-8GEYJ123V	1/8W 12K OHM	SREAG01751	R75	RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAGO175
37	RESISTOR	CFXD	ERJ-8GEYJ101V	1/8w 100 OHM	SREAG01726	R78	RESISTOR	FXD	ERJ-8GEYJ221V	1/8W 220 OHM	5REAGO173
38	RESISTOR	FXD	ERJ-8GEYJ153V	1/8w 15K OHM	5REAG01752	R80	RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG0172
39	RESISTOR	FXD	ERJ-8GEYJ153V	1/8W 15K OHM	5REAG01752	R 8 1	RESISTOR	FXD	ERJ-8GEYJ221V	1/8w 220 OHM	5REAG0173
40	RESISTOR	FXD	ERJ-8GEYJ472V	1/8W 4.7K OHM	5REAG01746	R82	RESISTOR	FXD	ERJ-8GEYJ102V	1/8W 1K OHM	5REAG0173
141	RESISTOR	FXD	ERJ-8GEYJ470V	1/8w 47 OHM	5REAG01722	2 0 R 8 3	RESISTOR	FXD	ERJ-8GEYJ102V	1/8W 1K OHM	5REAG0173
142	RESISTOR	FXD	ERJ-8GEYJ100V	1/8W 10 OHM	5REAG01714	R84	RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG0172
143	RESISTOR	FXD	ERJ-8GEYJ100V	1/8W 10 OHM	5REAG01714	R85	RESISTOR	FXD	ERJ-8GEYJ223V	1/8W 22K OHM	5REAG0175
44	RESISTOR	CFXD	ERJ-8GEYJ151V	1/8W 150 OHM	5REAG01728	R86	RESISTOR	FXD	ERJ-8GEYJ223V	1/8W 22K OHM	5REAG0175
145	RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAGD1726	R87	RESISTOR	FXD	ERJ-8GEYJ222V	1/8W 2.2K OHM	5REAG0174
146	RESISTOR	FXD	ERJ-8GEYJ221V	1/8w 220 OHM	5REAG01730	2 B R 8 8	RESISTOR	FXD	ERJ-8GEYJ102V	1/8w 1K OHM	5REAG0173
47	RESISTOR	FXD	ERJ-8GEYJ183V	1/8w,18k OHM	5REAG01753	R89	RESISTOR	CFXD	ERJ-8GEYJ151V	1/8w 150 OHM	5REAGO172
48	RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	R90	RESISTOR	FXD	ERJ-8GEYJ473V	1/8W 47K OHM	5REAG017
49	RESISTOR	FXD	ERJ-8GEYJ471V	1/8w 470 OHM	5REAG01734	R 9 1	RESISTOR	CFXD	ERJ-8GEYJ101V	1/8w 100 OHM	5REAG0172
50	RESISTOR	FXD	ERJ-8GEYJ102V	1/8w 1K OHM	5REAG01738	R 9 2	RESISTOR	FXD	ERJ-8GEYJ102V	1/8w 1K OHM	5REAG0173
51	RESISTOR	FXD	ERJ-8GEYJ221V	1/8W 220 OHM	5REAG01730	R93	RESISTOR	FXD	ERJ-8GEYJ333V	1/8W 33K OHM	5REAG0175
5 2	RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	R94	RESISTOR	CFXD	ERJ-8GEYJ151V	1/8w 150 OHM	SREAG017
53	RESISTOR	FXD	ERJ-8GEYOROOV	O OHM	5REAG01775	R95	RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	SREAG0175
54	RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	R96	RESISTOR	FXD	ERJ-8GEYJ223V	1/8W 22K OHM	SREAG0175
55	RESISTOR	FXD	ERJ-8GEYJ221V	1/8w 220 OHM	5REAG01730	R97	RESISTOR	FXD	ERJ-8GEYJ470V	1/8W 47 OHM	5REAG0172
56	RESISTOR	FXD	ERJ-8GEYJ153V	1/8W 15K OHM	5REAG01752	R98	RESISTOR	CFXD	ERJ-8GEYJ101V	1/8w 100 ohm	5REAG0172

	REI	F7DDS TITI.	CGK-127A	SHEET NO
PART NO	PART NAME	ТҮРЕ	DESCRIPTION	CODE
R100	RESISTOR FXD	ERJ-8GEYJ102V	1/8W 1K OHM	5REAG01738
R101	RESISTOR FXD	ERJ-8GEYJ102V	1/8W 1K OHM	5REAG01738
R102	RESISTOR FXD	ERJ-8GEYJ471V	1/8W 470 OHM	5REAG01734
R113	RESISTOR CFXD	ERJ-8GEYJ101V	1/8w 100 OHM	5REAG01726
RA1	RESISTOR FXD	20B-12Z-ME5		5READ00836
RA2	RESISTOR FXD	20B-12Z-ME5		5READ00836
RA3	RESISTOR FXD	20B-12Z-ME5		5READ00836
RV1	RESISTOR VAR	EVN-D2AAO3B13		5RVAB00422
RV2	RESISTOR VAR	EVN-D2AAO3B13		5RVAB00422
RV3	RESISTOR VAR	EVN-D8AAO3B54		5RVAB00419
S 1	TERMINAL	A2-3PA-2.54DSA(01)		5JTBX00010
S1P	CONNECTOR	HIF3GA-2.54SP		5JFAA01151
т1	RF XFMR	H-6LHJD00297		6LHJD00297
TP1	TEST TERMINAL	PCN6-PEA		5JDAA00364
TP2	TEST TERMINAL	PCN6-PEA		5JDAA00364
TP3	TEST TERMINAL	PCN6-PEA		5JDAA00364
TP4	TEST TERMINAL	PCN6-PEA		5JDAA00364
TP5	TEST TERMINAL	PCN6-PEA		5JDAA00364
TP6	TEST TERMINAL	PCN6-PEA		5JDAA00364
TP7	TEST TERMINAL	PCN6-PEA		5JDAA0036
T P 8	TEST TERMINAL	PCN6-PEA		5JDAA00364
TP9	TEST TERMINAL	PCN6-PEA		5JDAA0036
TR1	TRANSISTOR	2SA1162-YTE85L		5TAAG0018
TR2	TRANSISTOR	2SC2714-YTE85L		5TCAF0043
TR3	TRANSISTOR	2SA1162-YTE85L		5TAAG0018
TR4	TRANSISTOR	2SC2714-YTE85L		51CAF0043
TR5	TRANSISTOR	28C2714-YTE85L		5TCAF0043
TR6	TRANSISTOR	28C2714-YTE85L		5TCAF0043
TR7	TRANSISTOR	2\$C2714-YTE85L		5 T C A F O O 4 3
T R 8	TRANSISTOR	2SC2714-YTE85L		5 T C A F O O 4 3
TR9	TRANSISTOR	2SC2714-YTE85L		5TCAF0043
TR10	TRANSISTOR	28K210-BLTE85L		5 TK A A O O 1 8
TR11	TRANSISTOR	28C2714-YTE85L		5TCAF0043
TR12	TRANSISTOR	28C3324GR TE85L		5 T C A F O O 7 1
TR13	TRANSISTOR	2SC3324GR TE85L		5 T C A F 0 0 7 1

		05	F/DDS I	LE CGK-127A	SHEET NO
		, KC	7003	COK TETA	
PART 1	NO PART	NAME	TYPE	DESCRIPTION	CODE
TR14	TRANSIS	TOR	2SC3324GR TE85L		5TCAF00711
T R 1 5	TRANSIS	TOR	28C2714-YTE85L		51CAF00436
TR16	TRANSIS	TOR	28C2712Y TE85L		5TAAG00186
TR17	TRANSIS	TOR	2SC3398-TB		51CAZ00011
TR19	TRANSIS	TOR	2SC3398-TB		5 T C A Z 0 0 0 1 1
X 1	CRYSTAL		H-6XHJD00199		6XHJD00199
x 3	CRYSTAL		H-6XHJD00230A		6XHJD00230

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		CPU	T T E	CDC-493AD	SHEET NO.			CPU	TITLE	CDC-493AD	SHEET NO.
PART	NO PAR	T NAME	TYPE	DESCRIPTION	CODE	PART N	O PART	NAME	ТҮРЕ	DESCRIPTION	CODE
BT 1	BATTRY		CR2032-1HS		52BAB00047	c 3 7	CAP, FXD	C CER	C3216JB1H103K-E-TP	50V 0.01UF	5CAAD00789
C 1	CAP,FX	D CER	C3216CH1H330J-E-TP	33PF	5CAAD00794	C 38	CAP, FXD	C CER	C3216JB1H103K-E-TP	50V 0.01UF	5CAAD00789
c 2	CAP, FX	D CER	C3216CH1H330J-E-TP	33PF	5CAAD00794	c 3 9	CAP, FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5CAAD00789
c 3	CAP, FX	D CER	C3216SL1H102J-E-TP	1000PF	5CAAD00782	C 4 O	CAP, FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5CAAD00789
c 4	CAP, FX	D CER	C3216SL1H1O2J-E-TP	1000PF	5 C A A D O O 7 8 2	₅ C 4 1	CAP, FXD	C CER	C3216JB1H103K-E-TP	50v 0.01uf	5CAAD00789
C 5	CAP, FX	D CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237	C42	CAP,FXD	C CER	C3216JB1H103K-E-TP	50v 0.01ur	5CAAD00789
C 6	CAP, FX	D CER	C3216X7R1E104K-E-TP	0.1uf	5CAAD01237	C 4 3	CAP, FXD	C CER	C3216JB1H103K-E-TP	50V 0.01UF	5CAAD00789
С 7	CAP,FX	D CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237	C 4 8	CAP,FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5CAAD00789
C 8	CAP, FX	D CER	C3216X7R1E104K-E-TP	0. 1UF	5CAAD01237	C 4 9	CAP, FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5CAAD00789
C 9	CAP,FX	D CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237	, c 5 0	CAP,FXD	C CER	C3216JB1H1O3K-E-TP	50v 0.01uf	5CAAD00789
c 1 0	CAP, FX	D CER	C3216X7R1E104K-E-TP	0.10F	5CAAD01237	c51	CAP, FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5CAAD00789
C 1 1	CAP, FX	DTANTAL	202L1602 106KB		5CSAC00932	C 5 2	CAP, FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5CAAD00789
C 1 2	CAP, FX	D C CER	C3216JB1H103K-E-TP	50V 0.01UF	5CAAD00789	C 5 3	CAP, FXD	C CER	C3216JB1H103K-E-TP	50V 0.01UF	5CAAD00789
C 1 3	CAP, FX	D C CER	C3216JB1H103K-E-TP	50v 0.01uf	5CAAD00789	C 5 4	CAP,FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5CAAD00789
C14	CAP, FX	D CER	C3216X7R1E333K-E-TP	0.033u	5 C A A D O 1 2 O 3	C 5 5	CAP,FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5CAAD00789
C 1 5	CAP, FX	D C CER	C3216JB1H103K-E-TP	50V 0.01UF	5CAAD00789	C 5 6	CAP,FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5CAAD00789
C 1 6	CAP, FX	D TANTAL	202L1602 106KB		5CSAC00932	C 5 7	CAP, FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5CAAD00789
C 1 7	CAP, FX	D C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5 C A A D O O 7 8 9	C 5 8	CAP, FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5CAAD00789
C 18	CAP,FX	D TANTAL	202L3502 105KB	35V 1UF	5CSAC00982	C 5 9	CAP, FXD	C CER	C3216JB1H103K-E-TP	50V 0.01UF	5CAAD00789
_ C19	CAP, FX	D TANTAL	202L3502 105KB	35V 1UF	5CSAC00982	₂₀ C 6 O	CAP, FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5CAAD00789
c 2 O	CAP,FX	D TANTAL	202L3502 105KB	35V 1UF	5CSAC00982	C 6 1	CAP, FXD	C CER	C3216JB1H1O3K-E-TP	50v 0.01uf	5CAAD00789
C 2 1	CAP, FX	D TANTAL	202L3502 105KB	35V 1UF	5CSAC00982	C62	CAP, FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5CAAD00789
C 2 2	CAP, FX	D TANTAL	202L3502 105KB	35V 1UF	5CSAC00982	C63	CAP, FXD	C CER	C3216JB1H1O3K-E-TP	50v 0.01uf	5CAAD00789
C 2 3	CAP, FX	D TANTAL	202L3502 105KB	35V 1UF	5CSAC00982	C 6 4	CAP, FXD	C CER	C3216JB1H1O3K-E-TP	50v 0.01UF	5CAAD00789
C24	CAP,FX	D TANTAL	202L3502 105KB	35V 1UF	5 C S A C O O 9 8 2	₂₅ C 6 5	CAP, FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5CAAD00789
C 2 5	CAP,FX	D TANTAL	202L3502 105KB	35V 1UF	5CSAC00982	C 6 6	CAP, FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5CAAD00789
C 26	CAP, FX	D TANTAL	202L3502 105KB	35V 1UF	5CSAC00982	C 6 7	CAP,FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5CAAD00789
c 2 9	CAP, FX	D CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237	C 68	CAP, FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5CAAD00789
c 30	CAP,FX	D C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5CAAD00789	C 6 9	CAP, FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5CAAD00789
c 31	CAP,FX	D C CER	C3216JB1H103K-E-TP	50v 0.01uf	5 C A A D O O 7 8 9	_{з о} с 7 О	CAP, FXD	C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5CAAD00789
c 3 2	CAP,FX	D C CER	C3216JB1H103K-E-TP	50V 0.01UF	5CAAD00789	C 7 1	CAP, FXD	C CER	C3216JB1H103K-E-TP	50V 0.01UF	5CAAD00789
C 3 3	CAP,FX	D C CER	C3216JB1H1O3K-E-TP	50v 0.01uf	5CAAD00789	C72	CAP, FXD	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237
C 3 4	CAP,FX	D C CER	C3216JB1H1O3K-E-TP	50V 0.01UF	5CAAD00789	C 7 3	CAP, FXD	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237
C 3 5	CAP,FX	D C CER	C3216JB1H103K-E-TP	50V 0.01UF	5CAAD00789	C D 1	DIODE		155184 TE85L		51XAD00290
3 S	CAP,FX	D C CER	C3216JB1H103K-E-TP	50v 0.01uf	5 C A A D O O 7 8 9	3 5 C D 2	DIODE		188226 TE85L		51XAD00320
											

		Т.	TITLE			SHEET NO				TITLE			
			CPU	, , , , , , , , , , , , , , , , , , , ,	CDC-493AD	SHEET NO.				ČPI	J	CDC-493AD	SHEET NO
PART	ио	PART	NAME	TYPE	DESCRIPTION	CODE	PART	Ю	PART	NAME	TYPE	DESCRIPTION	CODE
CD3	1	DIODE		188226 TE85L		5TXAD00320	R 9		RESISTOR	FXD	ERJ-8GEYJ273V	1/8W 27K OHM	5REAG01755
CD4	ι	DIODE		188226 TE85L		5TXAD00320	R10		RESISTOR	FXD	ERJ-8GEYJ333V	1/8W 33K OHM	5REAG01756
CD5		DIODE		188226 TE85L		5TXAD00320	R11		RESISTOR	FXD	ERJ-8GEYJ473V	1/8W 47K OHM	5REAG01758
C D 6	ε	DIODE		188184 TE85L		5TXAD00290	R12		RESISTOR	FXD	ERJ-8GEYJ393V	1/8W 39K OHM	5REAG01757
FL1	1	FILTER		DS310-55B222M	100v 0.0022UF	5NXAA00002	₅ R 1 3		RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750
FL2	ı	FILTER		DS310-55B222M	100V 0.0022UF	5NXAA00002	R14		RESISTOR	CFXD	ERJ-8GEYJ104V	1/8W 100K OHM	SREAG01762
IC1	3	1 C		MSM8OC85A-2RS		5DDAG00176	R15		RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750
ICS	1	C		MC74HC573N		5DAAJ00229	R16		RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750
1 C 3	1	. C		H-7DEJD0182B		7DEJD0182B	R17		RESISTOR	FXD	ERJ-8GEYJ473V	1/8W 47K OHM	5REAG01758
1 C 4	1	ı C		HM6264ALP-15		5DAAG00380	R 18		RESISTOR	FXD	ERJ-8GEYJ332V	1/8W 3.3K OHM	5REAG01744
1 C 5	1	ı c		MSM81C55-5RS		5DDAG00206	R20		RESISTOR	FXD	ERJ-8GEYJ103V	1/8w 10k OHM	SREAG01750
106	1	C		MSM81C55-5RS		5DDAG00206	R 2 1		RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750
I C 7	1	C		LM358N		5DAAK00205	R22		RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750
3TF	1	C		MC74HC574AN		5DAAJ00912	R 2 3		RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750
I C 9	1	t C		MC74HCOON		5DAAJ00142	R 2 4		RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750
I C 1 O	1	ı c		MC74HC138AN		5DAAJ00755	R25		RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750
IC11	1	C		MC74HC32AN		5DAAJ00751	R 2 6		RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750
I C 1 2	1	C		MSM82C51A-2RS		5DDAG00184	R 2 8		RESISTOR	FXD	ERJ-8GEYJ332V	1/8W 3.3K OHM	5REAG01744
IC13		C		MSM82C51A-2RS		5DDAG00184	R 38		RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
IC14	1	C		MC74HC541AN		5DAAJ00933	2 0 R 3 9		RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
I C 1 5		C		MC74HC244AN		5DAAJ00761	R40		RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
IC16	1	C		M51953BL		5DAAB00150	R41		RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
1017	1	C		MC74HC4D49N		5DAAJ00247	R 4 2		RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
IC18		C		TD62083AP		50DAE00507	R 4 3		RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
1 C S 3	\$	SOCKET		ICC05-028-360TP		5ZJCK00056	2 5 R 4 4		RESISTOR	CFXD	ERJ-8GEYJ101V	1/8w 100 OHM	5REAG01726
J61		CONNECTO	R	HKP-20M1		5JJAA00118	R 4 5		RESISTOR	CFXD	ERJ-8GEYJ101V	1/8w 100 ohm	5REAG01726
P17	C	CONNECTO	R	XC5A-6482-1		5JWCF00043	R46		RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
PC1	F	РСВ		H-6PCJD00263B		6PCJD00263	R47		RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
R 1	F	RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726	R 48		RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
R 2	F	RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726	3 0 R 4 9		RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
R 4	F	RESISTOR	FXD	ERJ-8GEYJ223V	1/8W 22K OHM	SREAG01754	R 5 O		RESISTOR	CFXD	ERJ-8GEYJ101V	1/8w 100 OHM	5REAG01726
R 5	F	RESISTOR	FXD	ERJ-8GEYJ223V	1/8W 22K OHM	5REAG01754	R 5 1		RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
R 6	F	RESISTOR	FXD	ERJ-8GEYJ563V		5REAG01759	R 5 2		RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
R 7	F	RESISTOR	FXD	ERJ-8GEYJ105V	1/8W 1M OHM	5REAG01774	R 5 3		RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
8 8 3 5	F	RESISTOR	FXD	ERJ-8GEYJ273V	1/8W 27K OHM	5REAG01755	R54		RESISTOR	CFXD	ERJ-8GEYJ101V	1/8w 100 OHM	5REAG01726

		-	ĊPU	T17	CDC-493AD	SHEET NO
PART	но	PART	NAME	TYPE	DESCRIPTION	CODE
R 5 5		RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
R56		RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAGD1726
R 5 7		RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
R 5 8		RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
R 5 9		RESISTOR	CFXD	ERJ-8GEYJ101V	1/8w 100 OHM	5REAG01726
R60		RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
R 6 1		RESISTOR	CFXD	ERJ-8GEYJ101V	1/8w 100 OHM	5REAG01726
R62		RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
R63		RESISTOR	CFXD	ERJ-8GEYJ101V	1/8w 100 OHM	5REAG01726
R 6 4		RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
R65		RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726
R66		RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 1DK OHM	5REAG01750
R67		RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750
R68		RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750
R69		RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750
R70		RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750
R71		RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 1DK OHM	5REAG01750
RA1		RESISTOR		EXB-F9E103JY		5RZAS00499
RA2		RESISTOR		EXB-F9E472J	4.7K OHM	5RZAS00260
RA3		RESISTOR		EXB-F9E103JY		5RZAS00499
RA4		RESISTOR	!	EXB-LD71046		5RZAS00180
RJO		RESISTOR	FXD	ERD-25UJ1ROT	1 OHM	5RDAA01733
RJ3		RESISTOR	FXD	ERD-25UJ1ROT	1 OHM	5RDAA01733
RJ4		RESISTOR	FXD	ERD-25UJ1ROT	1 OHM	5RDAA01733
RJ5		RESISTOR	FXD	ERD-25UJ1ROT	1 OHM	5RDAA01733
RJ6		RESISTOR	FXD	ERD-2SUJ1ROT	1 OHM	5RDAA01733
RJ7		RESISTOR	FXD	ERD-25UJ1ROT	1 OHM	5RDAA01733
R V 1		RESISTOR	VAR	EVN-D2AA03B14		5RVAB00430
RV2		RESISTOR	VAR	EVN-D2AA03B14		5RVAB00430
TP1		TEST TER	MINAL	PCN6-PEA		5JDAA00364
T P 2		TEST TER	MINAL	PCN6-PEA		5JDAA00364
1 P 3		TEST TER	MINAL	PCN6-PEA		5JDAA00364
T R 1		TRANSIST	OR	2SC2712Y TE85L		5 T A A G O O 1 8 6
T R 2		TRANSIST	OR	2SC3398-TB		5 T C A Z 00011
, x 1		TRANSDUC	ER	CSA8.46MT		5UNAB00033

	c	PU	CDC-493AD	SHEET NO
PART NO	PART NAME	ТҮРЕ	DESCRIPTION	CODE
21	ROM LABEL	MPNN25138B		MPNN25138B

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		RTT	Y DEMO TITLE	CMH-530	SHEET NO.			RT	TIT DEMO	CMH-530	SHEET NO
PART	NO PART	NAME	түрк	DESCRIPTION	CODE	PART NO	PART	NAME	TYPE	DESCRIPTION	CODE
c 1	CAP,FXD	TANTAL	202L3502 105K5471	35V 1UF	5CSAC00796	CD2	DIODE		15207657		5TXAE00355
c 2	CAP, FXD	TANTAL	202L3502 105K5471	35V 1UF	5CSAC00796	C D 3	DIODE		18207687		5TXAE00355
C 3	CAP, FXD	TANTAL	202L3502 105K5471	35V 1UF	5CSAC00796	C D 4	DIODE		18207687		51XAE00355
C 4	CAP, FXD	TANTAL	202L3502 105K5471	35V 1UF	5CSAC00796	C D 5	DIODE		18207687		5TXAE00355
ը C 5	CAP, FXD	TANTAL	202L2502 106K4	25v 10uF	5 C S A C O O 3 2 4	5 C D 6	DIODE		18207687		5TXAE00355
C 6	CAP, FXD	TANTAL	202L3502 105K5471	35V 1UF	5 C S A C O O 7 9 6	C D 7	DIODE		15207657		5TXAE00355
c 7	CAP, FXD	TANTAL	202L3502 105K5471	35V 1UF	5 C S A C O O 7 9 6	C D 8	LED		TLR102A		5TZAD00020
C 8	CAP, FXD	TANTAL	202L3502 105K5471	35V 1UF	5CSAC00796	C D 9	LED		TLR102A		512AD00020
C 9	CAP, FXD	TANTAL	202L3502 105K5471	35V 1UF	5CSAC00796	CP1	PHOTO COL	JPLER	MXD-421C		5 T Z B C 0 0 0 0 3
C 10	CAP, FXD	PLSTC	501N5002 103K1	50V 0.01UF	5 C R A C 0 0 0 0 9	C P 2	рното соц	JPLER	MXD-421C		512BC00003
C 1 1	CAP, FXD	PLSTC	501N5002 103K1	50V 0.01UF	5 C R A C 0 0 0 0 9	101	1 C		TC74HC138AP		5DDAE01239
C 1 2	CAP, FXD	TANTAL	202L3502 474K5 471	35V 0.47UF	5CSAC00825	1 C 5	IC		MSM82C51A-2RS		5DDAG00184
C13	CAP, FXD	TANTAL	202L3502 474K5 471	35V 0.47UF	5CSAC00825	1 C 3	IC		MSM82C55A-2RS		5DDAG00182
C 1 4	CAP, FXD	TANTAL	202L2502 106K4	25V 10UF	5CSAC00324	I C 4	1 C		TC9122P		5DDAE00281
C 1 5	CAP,FXD	TANTAL	202L2502 106K4	25v 10uf	5 C S A C O O 3 2 4	1.5	1 C		MC74HC160N		5DAAJ00182
C 1 6	CAP, FXD	PLSTC	501N5002 224K1	50v 0.22UF	5 C R A C O O O 1 7	1 C 8	I C		HD7406P		5DDAF00113
C17	CAP, FXD	PLSTC	501N5002 473K1	50v 0.047uf	5 C R A C O O O 1 3	1 C 9	1 C		HD74LSO5P		5DDAF00291
C 18	CAP, FXD	PLSTC	501N5002 103K1	50v 0.01uf	5 C R A C O O O O O 9	I C 1 O	1 C		NJM3403AD		50AAN00085
C19	CAP, FXD	TANTAL	202L3502 105K5471	35V 1UF	5CSAC00796	LC 1 1	I C		NJM3403AD		5 D A A N O O O B 5
₂₀ C 2 O	CAP, FXD	TANTAL	202L3502 105K5471	35V 1UF	5CSAC00796	2 0 I C 1 2	1 C		NJM3403AD		5 D A A N O O O B 5
C21	CAP, FXD	ELCTLT	ECE-A1ES100	25V10UF	5CEAA01348	1013	1 C		NJM3403AD		50AAN00085
C 2 2	CAP, FXD	ELCTLT	ECE-A1ES100	25V10UF	5CEAA01348	1 C 1 4	I C		NJM3403AD		50AAN00085
C 2 3	CAP, FXD	ELCTLT	ECE-A1ES100	25V10UF	5CEAA01348	IC15	1 C		NJM3403AD		50AAN00085
C 2 4	CAP, FXD	ELCTLT	ECE-A1ES100	25V10UF	5CEAA01348	I C 16	1 C		T C 4 O 6 6 B P		5DDAE00078
₂₅ C25	CAP, FXD	ELCTLT	ECE-A1ES100	25 V 1 O U F	5 C E A A O 1 3 4 8	2 5 I C 1 7	I C		TC40308P		5DDAE00050
C 2 6	CAP, FXD	CER	DD106F103Z50	50V 10000PF	5CBAB00400	L1	COIL		FL-5H101K	100ин	5 L C A A O O O 1 3
C27	CAP, FXD	ELCTLT	ECE-A1ES100	25V10UF	5CEAA01348	L2	COIL		FL-5H101K	100UH	5LCAA00013
C 28	CAP, FXD	CER	DD106F103Z50	50V 10000PF	5CBAB00400	P15	CONNECTO	R	EC1C-22P-2.5DSA	22P	5JWBS00070
C29	CAP, FXD	CER	DD106F103Z50	50V 10000PF	5CBAB00400	P16	CONNECTO	₹	EC1C-22P-2.5DSA	22P	5JWBS00070
3 0 C 3 O	CAP, FXD	ELCTLT	ECE-A1ES100	25V10UF	5 C E A A O 1 3 4 8	PC1	PCB		H-6PCJD00169A		6PCJD00169
¢31	CAP, FXD	CER	DD106F103Z50	50V 10000PF	5CBAB00400	R 1	RESISTOR	FXD	ERD-25UJ104	1/4W 100K OHM	5RDAA01393
C 3 2	CAP, FXC	CER	DD106F103Z50	50V 10000PF	5CBAB00400	R 2	RESISTOR	FXD	ERD-25UJ105	1/4W 1M 0HM	5RDAA01417
C33	CAP, FXD	PLSTC	501N5002 103K1	50V 0.01UF	5 C R A C O O O O O 9	R 3	RESISTOR	FXD	ERD-25UJ103	1/4W 10K OHM	5RDAA01369
C 3 4	CAP, FXC	PLSTC	501N5002 103K1	50V 0.01UF	5 C R A C O O O O O 9	R 4	RESISTOR	FXD	ERD-25UJ473	1/4W 47K OHM	5RDAA01385
3 b	DIODE		18207687		5TXAE00355	R 5	RESISTOR	FXD	ERD-25UJ101	1/4w 100 OHM	5RDAA01321

			RTTY DEMO		CMH-530	SHEET NO		TITLE			SHEET NO.	
		l_	KII	T DEMO	CMH-230	5	-		RT1	TY DEMO	CMH-530	4
PART	МО	PART	NAME	TYPE	DESCRIPTION	CODE	PART NO	PART	NAME	TYPE	DESCRIPTION	CODE
R 6	RES	ISTOR	FXD	ERD-25UJ473	1/4W 47K OHM	5RDAA01385	R 4 4	RESISTOR	FXD	ERD-25UJ103	1/4W 10K OHM	5RDAA01369
R 7	RES	ISTOR	FXD	ERD-25UJ102	1/4W 1K OHM	5RDAA01345	R 4 5	RESISTOR	FXD	ERD-25UJ472	1/4W 4.7K OHM	5RDAA01361
R 8	RES	ISTOR	FXD	ERD-25UJ103	1/4W 10K OHM	5RDAA01369	R46	RESISTOR	FXD	ERD-25UJ104	1/4W 100K OHM	5RDAA01393
R 9	RES	ISTOR	FXD	ERD-25UJ103	1/4W 10K OHM	5RDAA01369	R47	RESISTOR	FXD	ERD-25UJ103	1/4W 10K OHM	5RDAA01369
. R 1 O	RES	ISTOR	FXD	ERD-25UJ103	1/4W 10K OHM	5RDAA01369	s R 4 8	RESISTOR	FXD	ERD-25UJ104	1/4W 100K OHM	5RDAA01393
R11	RES	ISTOR	FXD	ERD-25UJ103	1/4W 10K OHM	5RDAA01369	R 4 9	RESISTOR	FXD	ERD-25UJ103	1/4W 10K OHM	5RDAA01369
R12	RES	ISTOR	FXD	ERD-25UJ103	1/4W 10K OHM	5RDAA01369	R50	RESISTOR	FXD	ERD-25UJ472	1/4W 4.7K OHM	5RDAA01361
R13	RES	ISTOR	FXD	ERD-25UJ103	1/4W 10K OHM	5RDAA01369	R51	RESISTOR	FXD	ERD-25UJ103	1/4W 10K OHM	5RQAAD1369
R14	RES	ISTOR	FXD	ERD-25UJ333	1/4W 33K OHM	5RDAA01381	R52	RESISTOR	FXD	ERD-25UJ104	1/4W 100K OHM	5RDAA01393
R15	RES	ISTOR	FXD	ERD-25UJ103	1/4W 10K OHM	5RDAA01369	R 5 3	RESISTOR	FXD	ERD-25UJ104	1/4W 100K OHM	5RDAA01393
R16	RES	ISTOR	FXD	ERD-25UJ104	1/4W 100K OHM	5RDAA01393	R 5 4	RESISTOR	FXD	ERD-25UJ104	1/4w 100K OHM	5RDAA01393
R17	RES	ISTOR	FXD	ERD-25UJ224	1/4W 220K OHM	5RDAA01401	R55	RESISTOR	FXD	ERD-25UJ104	1/4W 100K OHM	5RDAA01393
R18	RES	ISTOR	FXD	ERD-25UJ224	1/4W 220K OHM	5RDAA01401	R 5 6	RESISTOR	FXD	ERD-25UJ474	1/4W 47DK OHM	5RDAA01409
R19	RES	ISTOR	FXD	ERD-25UJ222	1/4W 2.2K OHM	5RDAA01353	R 5 7	RESISTOR	FXD	ERD-25UJ183	1/4W 18K OHM	5RDAA01375
R20	RES	ISTOR	FXD	ERD-25UJ682	1/4W 6.8K OHM	5RDAA01365	R 5 8	RESISTOR	FXD	ERD-25UJ103	1/4W 10K OHM	5RDAA01369
R 2 1	RES	ISTOR	FXD	ERD-25UJ103	1/4W 10K OHM	5RDAA01369	R 5 9	RESISTOR	FXD	ERD-25UJ333	1/4W 33K OHM	5RDAA01381
R 2 2	RES	ISTOR	FXD	ERD-25UJ103	1/4W 10K OHM	5RDAA01369	R60	RESISTOR	FXD	ERD-25UJ333	1/4W 33K OHM	5RDAA01381
R 2 3	RES	ISTOR	FXD	ERD-25UJ103	1/4W 10K OHM	5RDAA01369	R61	RESISTOR	FXD	ERD-25UJ103	1/4W 10K OHM	5RDAA01369
R 2 4	RES	ISTOR	FXD	ERD-25UJ103	1/4W 10K OHM	5RDAA01369	R62	RESISTOR	FXD	ERD-25UJ103	1/4W 10K OHM	5RDAA01369
R25	RES	ISTOR	FXD	ERD-25UJ104	1/4W 100K OHM	SRDAA01393	2 0 R 6 3	RESISTOR	FXD	ERD-25UJ105	1/4W 1M OHM	5RDAA01417
R26	RES	ISTOR	FXD	ERD-25UJ224	1/4W 220K OHM	5RDAA01401	R 6 4	RESISTOR	FXD	ERD-25UJ153	1/4W 15K OHM	5RDAA01373
R 2 7	RES	ISTOR	FXD	ERD-25UJ224	1/4W 220K OHM	5RDAA01401	R65	RESISTOR	FXD	ERD-25UJ103	1/4W 10K OHM	5RDAA01369
R 2 8	RES	ISTOR	FXD	ERD-25UJ222	1/4W 2.2K OHM	5RDAA01353	R66	RESISTOR	FXD	ERD-25UJ103	1/4W 10K OHM	5RDAA01369
R 2 9	RES	ISTOR	FXD	ERD-25UJ332	1/4W 3.3K OHM	5RDAA01357	R67	RESISTOR	FXD	ERD-25UJ103	1/4W 10K OHM	5RDAA01369
2.5 R 30	RES	ISTOR	FXD	ERD-25UJ103	1/4W 10K OHM	5RDAA01369	2 5 R 6 8	RESISTOR	FXD	ERD-25UJ103	1/4W 10K OHM	5RDAA01369
R31	RES	ISTOR	FXD	ERD-25UJ103	1/4W 10K OHM	5RDAA01369	R69	RESISTOR	FXD	ERD-25UJ103	1/4W 10K OHM	5RDAA01369
R32	RES	ISTOR	FXD	ERD-25UJ103	1/4W 10K OHM	5RDAA01369	R70	RESISTOR	FXD	ERD-25UJ103	1/4W 10K OHM	5RDAA01369
R33	RES	ISTOR	FXD	ERD-25UJ103	1/4W 10K OHM	5RDAA01369	R71	RESISTOR	FXD	ERD-25UJ103	1/4W 10K OHM	5RDAA01369
R 34	RES	ISTOR	FXD	ERD-25UJ103	1/4W 10K OHM	5RDAA01369	R72	RESISTOR	FXD	ERD-25UJ221	1/4W 220 OHM	5RDAA01329
R 3 5	RES	ISTOR	FXD	ERD-25UJ682	1/4W 6.8K OHM	5RDAA01365	R73	RESISTOR	FXD	ERD-25UJ221	1/4W 220 OHM	5RDAA01329
R36	RES	ISTOR	FXD	ERD-25UJ223	1/4W 22K OHM	5RDAA01377	R74	RESISTOR	FXD	ERD-25UJ221	1/4w 220 OHM	5RDAA01329
R 37	RES	ISTOR	FXD	ERD-25UJ223	1/4W 22K OHM	5RDAA01377	R75	RESISTOR	FXD	ERD-25UJ103	1/4W 10K OHM	5RDAA01369
R38	RES	ISTOR	FXD	ERD-25UJ223	1/4W 22K OHM	5RDAA01377	R76	RESISTOR	FXD	ERD-25UJ103	1/4W 10K OHM	5RDAA01369
R42	RES	ISTOR	FXD	ERD-25UJ182	1/4W 1.8K OHM	5RDAA01351	R77	RESISTOR	FXD	ERD-25UJ221	1/4W 220 OHM	5RDAA01329
843	RES	ISTOR	FXD	ERD-25UJ102	1/4W 1K OHM	5RDAA01345	R 78	RESISTOR	FXD	ERD-25UJ104	1/4W 100K OHM	5RDAA01393

PARTS LIST

**************************************		RTI	TITI	.E CMH-530	SHEET NO.
PART NO	PART	NAME	TYPE	DESCRIPTION	CODE
RA1	RESISTOR		IHR-8-103JA(2.54)	10K OHM X8	5RZAB00136
RA2	RESISTOR		IHR-4-103JA	10K OHM X4	5RZAB00043
RV1	RESISTOR	VAR	GFO6P-1OK OHM	10K OHM	5RMAB00053
RV2	RESISTOR	VAR	GFO6P-1OK OHM	10K OHM	5RMAB00053
RV3	RESISTOR	VAR	GFO6P-1OK OHM	10K OHM	5RMAB00053
RV4	RESISTOR	VAR	GFO6P-1OK OHM	10K OHM	5RMAB00053
RV5	RESISTOR	VAR	GFO6P-1OK OHM	10K OHM	5RMAB00053
RV6	RESISTOR	VAR	GFO6P-1OK OHM	10K OHM	5RMAB00053
RV7	RESISTOR	VAR	GFO6P-1OK OHM	1DK OHM	5RMAB00053
T P 1	TEST TER	MINAL	PCN6-PEA		5JDAA00364
TP2	TEST TER	MINAL	PCN6-PEA		5JDAA00364
TP3	TEST TER	MINAL	PCN6-PEA		5JDAA00364
TP4	TEST TER	MINAL	PCN6-PEA		5JDAA00364
TP5	TEST TER	MINAL	PCN6-PEA		5JDAA00364

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		-	DIS	PLAY	CDE-705	SHEET NO.			·	DIS	SPLAY TIT	CDE-705	SHEET NO 2
ART	МО	PART	NAME	TYPE	DESCRIPTION	CODE	PART	NO	PART	NAME	TYPE	DESCRIPTION	CODE
: 1		CAP,FXD	CER	C3216JB1H473K-E-TP	0.047UF 50V	5CAAD01282	CD16		LED		SEL2310E		5 T Z A A O O 1 6 5
2		CAP,FXD	CER	C3216CH1H33DJ-E-TP	33PF	5CAAD00794	CD17		LED		SEL2310E		51ZAA00165
3		CAP, FXD	CER	C3216CH1H47OJ-E-TP	47PF	5 C A A D D D B 6 4	CD18		DIODE		SEL2110S		5 T X A N O O 2 O 5
: 4		CAP, FXD	CER	C3216CH1H47OJ-E-TP	47PF	5 C A A D O O 8 6 4	CD19		DIODE		SEL2110S		51XAN00205
5		CAP, FXD	CER	C3216CH1H33OJ-E-TP	33PF	5 C A A D O O 7 9 4	° c b 5 0		DIODE		188226 TE85L		51XAD00320
6		CAP,FXD	CER	C3216CH1H33OJ-E-TP	33PF	5CAAD00794	CD21		DIODE		188226 TE85L		5TXAD00320
7		CAP,FXD	ELCTLT	ECE-A1HU100B	50V 10UF	5CEAA02184	CD22		DIODE		HZ9A2RE		5TXAE00592
8		CAP,FXD	ELCTLT	ECE-A1EU101B		5CEAA01813	C V 1		CAPACITO	R VAR	ECV-1ZW20X60		5CVAC00034
9		CAP,FXD	CER	C3216JB1H102K-E-TP	1000PF 50V	5CAAD01267	F 1		VFD		CC1029M		5NZBE00004
10		CAP, FXD	ELCTLT	ECE-A1HU100B	50v 10uf	5CEAA02184	FL1		FILTER		DSS310-55D223S	50V 0.022UF	5NXAA00006
:11		CAP,FXD	ELCTLT	ECE-A1HU100B	50v 10uf	5CEAA02184	101		I C		MSM80C85A-2RS		5DDAG00176
12		CAP,FXD	TANTAL	267M1602 105ML	16V 1UF	5 C S A C O 1 O 5 O	1 C S		1 C		TC74HC573AP		5DDAE01345
:13		CAP, FXD	C CER	C3216JB1H103K-E-TP	50V 0.01UF	5CAAD00789	1 C 3		IC		H-70EJ00183B		70EJD0183E
14		CAP,FXD	TANTAL	267M1602 105ML	16V 1UF	5 C S AC 0 1 0 5 0	1 C 4		1 C		TC74HC138AP		5DDAE01239
15		CAP,FXD	TANTAL	267M1602 105ML	16V 1UF	5CSAC01050	105		1 C		MSM81C55-5RS		5DDAG00206
16		CAP, FXD	TANTAL	267M1602 105ML	16V 1UF	5CSAC01050	106		I C		MSM81C55-5RS		5DDAG00208
17		CAP,FXD	TANTAL	267M1602 105ML	16V 1UF	5CSAC01050	I C 7		I C		LR3671D		500BN00037
18		CAP,FXD	TANTAL	267M1602 105ML	16V 1UF	5CSAC01050	1 C 8		1 C		MSM82C51A-2RS		5DDAG00184
19		CAP,FXD	C CER	C3216JB1H103K-E-TP	50V 0.01UF	5CAAD00789	1 C 9		IC		MSM6242BRS		5DDAG00226
20		CAP,FXD	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237	₂₀ IC10		1 C		MSM6253RS		5DDAG00305
D 1		DIODE		188184 TE85L		5 T X A D O O 2 9 O	1011		1 C		MC74HC564N		50AAJ00228
C D 2		DIODE		155184 TE85L		5TXAD00290	1012		I C		MSL915RS		500AG00052
D 3		DIODE		155184 TE85L		5 T X A D O O 2 9 O	1013		I C		MSL915RS		5 D D A G O O O 5 2
CD4		DIODE		188184 TE85L		5TXAD00290	I C 1 4		I C		MSL915RS		5DDAG00052
C D 5		DIODE		1SS184 TE85L		5 T X A D O O 2 9 O	2 b		1 C		MSL915RS		5 D D A G D O D 5 2
06		DIODE		188184 TE85L		51XAD00290	I C 1 6		I C		TC7W32F TE12L		5DDAE01894
D 7		DIODE		188184 TE85L		51XAD00290	IC17		I C		MC74HC4O53N		5DAAJ00251
800		DIODE		188184 TE85L		5 T X A D O O 2 9 O	I C 1 8		1 C		MC74HC259N		50801800207
D 9		LED		PR5551K		5 T Z AWOOO35	1 C S 3		SOCKET		1CC05-028-360TP		5ZJCK0005
010		LED		PG5551KY		5 T Z AWOOO5 5	3 0 J 4 6		CONNECTO) R	B4B-EH-A		5JWAP00226
D11		LED		PG5551KY		5 T Z AW00055	J47		TERMINAL		FFC-5CM1		5JTCA00238
D12		LED		PG5551KY		5 T Z AWOOO 5 5	J 4 8		TERMINAL		FFC-4CM1		5JTCA00218
013		LED		PG5551KY		5 T Z A W O O O S S	L1		COIL		FL-9H471J-H		5LCAA00700
014		LED		PG5551KY		512AW00055	L 2		COIF		LALO4NA33OK		5LCAA00196
015		LED		PG5551KY		5 T Z AWOO05 5	_{3.5} P 3 9		CABLE		H-62CJD00348A		6ZCJD00348

				T	ITLE ONE TOP	SHEET NO.	-					TLE	SHEET NO
			—————	SPLAY	CDE-705	3				DIS	PLAY	CDE-705	4
PART	NO	PART	NAME	TYPE	DESCRIPTION	CODE	PART	ИО	PART	NAME	TYPE	DESCRIPTION	CODE
P40		CABLE		H-6ZCJD00124		6ZCJD00124	R V 2		RESISTOR	VAR	EVH-0XA009B14		5RVAB00262
P41		CABLE		H-6ZCJD00125		6ZCJD00125	RV3		RESISTOR	VAR	EVH-0XA009B14		5RVAB00262
PC1		PCB		H-6PCJD00619C		6PCJD00619	RV4		RESISTOR	VAR	EVH-0XA009B14		5RVAB00262
PG1		ENCODER		H-6BZJD00001		6BZJD00001	RV5		RESISTOR	VAR	EVH-0XA009B14		5RVAB00262
R 1		RESISTOR	FXD	ERJ-8GEYJ223V	1/8W 22K OHM	5REAG01754	R V 6		RESISTOR	VAR	EVH-0XA009B14		5RVAB00262
R 2		RESISTOR	FXD	ERJ-8GEYJ562V	1/8W 5.6K OHM	5REAG01747	RV7		RESISTOR	VAR	EVH-0XA009A14		5RVAB00261
R 3		RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	RV8		RESISTOR	VAR	EVH-0XA009B14		5RVAB00262
R 4		RESISTOR	FXD	ERJ-8GEYJ332V	1/8W 3.3K OHM	5REAG01744	S 1		SWITCH		SKHHAR		5SCAF00194
R 5		RESISTOR	FXD	ERJ-8GEYJ332V	1/8w 3.3K OHM	5REAG01744	\$2		SWITCH		SKHHAR		5SCAF00194
0 R 6		RESISTOR	FXD	ERJ-8GEYJ561V	1/8W 560 OHM	5REAG01735	S 3		SWITCH		SKHHAR		5SCAF00194
R 7		RESISTOR	CFXD	ERJ-8GEYJ182V	1/8W 1.8K OHM	5REAG01741	S 4		SWITCH		SKHHAR		5SCAF00194
R 8		RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	\$ 5		SWITCH		SKHHAR		5SCAF00194
R 9		RESISTOR	FXD	ERJ-8GEYJ273V	1/8w 27K OHM	5REAG01755	S 6		SWITCH		SKHHAR		5SCAF00194
R12		RESISTOR	FXD	ERJ-8GEYJ221V	1/8W 220 OHM	5REAG01730	s 7		SWITCH		SKHHAR		5SCAF00194
R13		RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726	s 8		SWITCH		SKHHAR		5SCAF00194
R14		RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726	S 9		SWITCH		SKHHAR		5SCAF00194
R15		RESISTOR	CFXD	ERJ-8GEYJ101V	1/8w 100 OHM	5REAG01726	s10		SWITCH		SKHHAR		5SCAF00194
R16		RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726	S 1 1		SWITCH		SKHHAR		5SCAF00194
R17		RESISTOR	CFXD	ERJ-8GEYJ101V	1/8w 100 OHM	5REAG01726	\$12		SWITCH		SKHHAR		5SCAF00194
R18		RESISTOR	CFXD	ERJ-8GEYJ101V	1/8w 100 OHM	5REAG01726	₂₀ \$13		SWITCH		SKHHAR		5SCAF00194
R 19		RESISTOR	FXD	ERJ-8GEYJ103V	1/8w 10k ohm	5REAG01750	s 1 4		SWITCH		SKHHAR		5SCAF00194
R20		RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	\$15		SWITCH		SKHHAR		5 S C A F O O 1 9 4
R 2 1		RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	\$16		SWITCH		SKHHAR		5 S C A F O O 1 9 4
R 2 2		RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	\$17		SWITCH		SKHHAR		5 S C A F O O 1 9 4
R23		RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	2 5 S 1 8		SWITCH		SKHHAR		5SCAF00194
R 2 4		RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726	\$19		SWITCH		SKHHAR		5SCAF00194
R 2 5		RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726	\$20		SWITCH		SKHHAR		5SCAF00194
R26		RESISTOR	FXD	ERJ-8GEYJ331V	330 OHM 1/8W	5REAG01732	\$21		SWITCH		SKHHAR		5SCAF00194
R27		RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	\$22		SWITCH		SKHHAR		5SCAF00194
R28		RESISTOR	CFXD	ERJ-8GEYJ101V	1/8W 100 OHM	5REAG01726	3 0 S 2 3		SWITCH		SKHHAR		5 S C A F D U 1 9 4
R 2 9		RESISTOR	CFXD	ERJ-8GEYJ101V	1/8w 100 ohm	5REAG01726	\$24		SWITCH		SKHHAR		5 S C A F O O 1 9 4
R30		RESISTOR	FXD	ERJ-8GEYJ221V	1/8W 220 OHM	SREAG01730	\$25		SWITCH		SKHHAR		5 S C A F O O 1 9 4
R 3 1		RESISTOR	FXD	ERJ-8GEYJ221V	1/8w 220 OHM	5REAG01730	\$26		SWITCH		SKHHAR		5 S C A F O O 1 9 4
R32		RESISTOR	FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750	\$27		SWITCH		SKHHAR		5 S C A F O O 1 9 4
R V 1		RESISTOR	VAR	EVH-0XA009B14		5RVAB00262	3 5 2 8		SWITCH		SKHHAR		5SCAF00194

P	٨	R	1	S	1.	1	S	Т	

			TITLE			
		DISPLAY	CDE-705	5		
PART NO	PART NA	ме ТҮРЕ	DESCRIPTION	CODE		
\$29	SWITCH	SKHHAR		5SCAF00194		
S 3 0	SWITCH	SKHHAR		5 S C A F O O 1 9 4		
S31	SWITCH	SKHHAR		5 S C A F O O 1 9 4		
S32	SWITCH	SKHHAR		5 S C A F O O 1 9 4		
\$33	SWITCH	D-2023KB-J3D	AT-451	5 S A A B O O 7 3 7		
т 1	TRANSFORMER	H-6LUJD00017	•	6LUJD00017		
T P 1	TEST TERMIN	AL PCN6-PEA		5JDAA00364		
TR1	TRANSISTOR	2SD471 LA	HFE135-270	51DAB00020		
TR2	TRANSISTOR	2SD471 LA	HFE135-270	51DAB00020		
X 1	TRANSDUCER	CSA8.46MT		5UNAB00033		
x 2	CRYSTAL	MX-38T 32.76	58KHZ	5XHAA00509		
21	ROM LABLE	MPNN25139B		MPNN25139B		

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			СНА	SSIS TITLE	NRD-535	SHEET NO.			СН	ASŠIŠ TITI.	NRD-535	SHEET NO.
PART	NO	PART	NAME	TYPE	DESCRIPTION	CODE	PART NO	PART	NAME	TYPE	DESCRIPTION	CODE
								1				
C11		CAP, FXD	CER	C3216JB1H473K-E-TP	0.047UF 50V	5 C A A D O 1 2 8 2	C 6 9	CAP, FXD	CER	C3216X7R1E104K-E-TP		5CAAD01237
C12		CAP, FXD	CER	C3216JB1H473K-E-TP	0.047UF 50V	5 C A A D O 1 2 8 2	C 7 0	CAP, FXD	CER	C3216X7R1E104K-E-TP		5CAAD01237
C13		CAP, FXD		ECES1VU472G	35WV 4700UF	5CEAA01681	C 7 1	CAP, FXD	CER	C3216X7R1E104K-E-TP		5CAAD01237
C14		CAP, FXD		ECE-A1EU101	25V 100UF	5CEAA01839	C72	CAP, FXD	CER	C3216X7R1E104K-E-TP		5CAAD01237
ը C 1 5	,	CAP,FXD	CER	DD106F103Z50	50V 10000PF	5 C B A B O O 4 O O	5 C 7 3	CAP, FXD	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237
C16		CAP,FXD	CER	DE7150FZ103PVA1		5CBAB01618	C 7 4	CAP, FXD	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237
C17	,	CAP,FXD	ELCTLT	ECE-A1EU470	47UF 25V	5CEAA01820	C 7 5	CAP, FXD	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237
C 18		CAP,FXD	ELCTLT	ECE-A1EU470	47UF 25V	5 C E A A O 1 8 2 O	C 76	CAP, FXD	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237
C 19		CAP,FXD	ELCTLT	ECE-A1EU470	47UF 25V	5CEAA01820	C 7 7	CAP, FXD	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237
C 20	1	CAP,FXD	ELCTLT	ECE-A1EU470	47UF 25V	5CEAA01820	c 78	CAP,FXD	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237
C 2 1	1	CAP, FXD	ELCTLT	ECE-A1EU470	47UF 25V	5CEAA01820	c 79	CAP,FXD	CER	C3216X7R1E104K-E-TP	0.1uf	5CAAD01237
C 2 2.	I	CAP, FXD	CER	C3216CH1H68OJ-E-TP	68PF	5CAAD00929	c 8 O	CAP,FXD	CER	C3216X7R1E104K-E-TP	0.1uf	5CAAD01237
C23	ı	CAP, FXD	CER	C3216CH1H100D-E-TP	10PF	5CAAD00785	C D 3	DIODE		EM1Z	200V 1A	5TXAN00061
C24	1	CAP, FXD	CER	C3216CH1H121J-E-TP	120PF	5CAAD00931	C D 4	DIODE		RK44		5 T X A N O O 1 1 4
C 2 5		CAP,FXD	CER	C3216CH1H22OJ-E-TP	22PF	5 C A A D O O 8 6 9	CD5	DIODE		U15C TYPE 1		5TXAE00851
C 2 6		CAP,FXD	CER	C3216CH1H56OJ-E-TP		5 C A A D O O 8 6 3	C D 6	DIODE		U15C TYPE 1		51XAE00851
C 2 7		CAP,FXD	C CER	C3216CH1H1O1J-E-TP	50V 100PF	5 C A A D O O 7 8 O	C D 7	DIODE		U15C TYPE 1		5TXAE00851
C 28		CAP,FXD	C CER	C3216CH1H1O1J-E-TP	50V 100PF	5 C A A D O O 7 8 O	C D 8	DIODE		U15C TYPE 1		5TXAE00851
C 2 9		CAP,FXD	CER	C3216X7R1E104K-E-TP	0.1 UF	5CAAD01237	C D 1 O	DIODE		188226 TE85L		5TXAD00320
2 0 C 5 1		CAP,FXD	CER	C3216X7R1E104K-E-TP	0.1UF	5 C A A D O 1 2 3 7	₂₀ F2	FUSE		MF61NR1	1 A	52 F A D O O 4 O 3
C 5 2		CAP,FXD	ELCTLT	ECEA1EU471	25V 470UF	SCEAA01756	FS1	VTG CHAI	NGER	S-17221#9 100,120,2	2	522EG00002
C 5 3		CAP,FXD	ELCTLT	ECEA1EU471	25V 470UF	5CEAA01756	I C 4	I C		UPC2002V		50AAA00299
C 5 4		CAP,FXD	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237	I C 4 – 1	HEAT SI	NK .	IC-1625-ST		52KAE00042
C 5 5		CAP,FXD	ELCTLT	ECE-A1EU101	25V 100UF	5CEAA01839	I C 5	IC		NJM78LO5A	5V 0.1A	5DAAN00046
25		CAP,FXD	C CER	C3216JB1H103K-E-TP	50V 0.01UF	5 C A A D O O 7 8 9	1 C 6	1 C		MAX232CPE		5DDED00001
C 5 7		CAP,FXD	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237	107	1 C		SC7SUO4FEL		5DDAS00176
C 5 8		CAP,FXD	ELCTLT	ECE-A1EU220	16V 22UF	5CEAA01908	I C 8	IC		SC7SUO4FEL		500AS00176
C 6 1		CAP, FXD	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237	J 5	CONNECT	O R	PCN6-228-2.508		5JDAA00082
C 6 2		CAP,FXD	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237	J 6	CONNECT	O R	PCN6-228-2.5DS		5JDAA00082
3 O C 6 3		CAP,FXD	CER	C3216X7R1E104K-E-TP	0.10F	5CAAD01237	3 o	CONNECT	O R	PCN6-22S-2.5DS		5JDAA00082
C 6 4		CAP,FXD	CER	C3216X7R1E104K-E-TP	0.1uf	5CAAD01237	J 8	CONNECT	O R	PCN6-22S-2.5DS		5JDAA00082
C 6 5		CAP,FXD	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237	J 9	CONNECT) R	PCN6-22S-2.5DS		5JDAA00082
C 6 6		CAP,FXD	CER	C3216X7R1E104K-E-TP	0.10F	5CAAD01237	J10	CONNECT	O R	PCN6-22S-2.5DS		5JDAA00082
C67		CAP,FXD	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237	J13	CONNECT	OR	PCN6-22S-2.5DS		5JDAA00082
C 68		CAP, FXD	CER	C3216X7R1E104K-E-TP	0.1UF	5CAAD01237	3.5 J 1 4	CONNECT) R	PCN6-22S-2.5DS		5JDAA00082

	СНА	SSIS TITLE	NRD-535	SHEET NO.			СНА	SSIS	NRD-535	SHEET NO.
PART NO	PART NAME	TYPE	DESCRIPTION	CODE	PART N	10 PART	NAME	ТҮРЕ	DESCRIPTION	CODE
J 1 5	CONNECTOR	PCN6-22S-2.5DS		5 J D A A O O O 8 2	R10-1			0 20W		5ZJAP00003
J 15-1	CONNECTOR	PCN6-228-2.5DS		5 J D A A O O O 8 Z	R12	RESISTO	R FXD	ERJ-8GEYJ332V	1/8w 3.3K OHM	5REAG01744
J 1 6	CONNECTOR	PCN6-22S-2.5DS		5JDAA00082	R13	RESISTO	R FXD	ERJ-8GEYJ330V	1/8w 33 OHM	5REAG01720
J16-1	CONNECTOR	PCN6-22S-2.5DS		5JDAA00082	R14	RESISTO	R FXD	ERJ-8GEYJ334V	1/8w 330K OHM	5REAG01768
J17	CONNECTOR	XC5B-6431-0	64P	5 J W C F O O O 1 2	_s R 1 5	RESISTO	R FXD	ERJ-8GEYJ102V	1/8W 1K OHM	5REAG01738
J18	CONNECTOR	B8P9-VB-2		5JWAP00458	R16	RESISTO	R FXD	ERD-50TJ103	1/2W 10K OHM	5RDAA00859
J 2 1	JACK	S-I0814#01		527EG00003	R17	RESISTO	R FXD	ERJ-8GEYJ105V	1/8W 1M OHM	5REAG01774
J 5 5	CONNECTOR	AC-P01CF01	UL	5JWEZ00005	R18	RESISTO	R FXD	ERJ-8GEYJ221V	1/8W 220 OHM	5REAG01730
J 2 3	TERMINAL	M-110C-3		5JTBF00369	R19	RESISTO	R FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750
J 2 4	PIN JACK	S-Q3097#03		5JJAL00055	R 2 O	RESISTO	R FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750
	PIN JACK	S-Q3097#03		5JJAL00055	R 2 1	RESISTO	R FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750
759	CONNECTOR	XM3B-2532-112	25P	5JWCF00013	R 2 4	RESISTO	R FXD	ERJ-8GEYJ472V	1/8W 4.7K OHM	5REAG01746
J 2 7	PIN JACK	S-Q3097#03		5JJAL00055	R 2 5	RESISTO	R FXD	ERJ-8GEYJ472V	1/8W 4.7K OHM	5REAG01746
J 2 9	CONNECTOR	PCN6-228-2.5DS		5JDAA00082	R 5 1	RESISTO	R FXD	ERJ-8GEYK1ROV		5REAG02208
J 30	CONNECTOR	PCN6-22S-2.5DS		5 J D A A O O O B 2	R 5 2	RESISTO	R FXD	ERJ-8GEYJ102V	1/8W 1K OHM	5REAG01738
J 31	CONNECTOR	PCN6-22S-2.5DS		5JDAA00082	R 5 3	RESISTO	R FXD	ERJ-8GEYJ120V	1/8W 12 OHM	5REAG01715
J 3 2	CONNECTOR	PCN6-22S-2.5DS		5JDAA00082	R 5 4	RESISTO	R FXD	ERJ-8GEYJ102V	1/8W 1K OHM	5REAG01738
J 3 3	PIN JACK	S-Q3097#03		5JJAL00055	R 5 5	RESISTO	R FXD	ERJ-8GEYJ103V	1/8W 10K OHM	5REAG01750
J 3 4	PIN JACK	S-Q3097#03		5JJAL00055	R 5 6	RESISTO	R FXD	ERJ-8GEYJ334V	1/8W 330K OHM	5REAG01768
J 35	PIN JACK	S-Q3096#03		5 J J A-L 00056	2 0 R 5 7	RESISTO	R FXD	ERJ-8GEYJ102V	1/8W 1K OHM	5REAG01738
, J36	PIN JACK	s-q3097#03		5JJAL00055	R V 1	RESISTO	R VAR	EVN-D8AAO3B14	10K OHM	5RVAB00428
J 37	TERMINAL	PT-C02P01		5JJAK00003	S 1	SWITCH		SSP322		5SBAB00206
J 38	CONNECTOR	FM-MR-M(FM-205)		5JWBK00004	SP1	SPEAKER		EAS-8P29		5USAE00047
J39	CONNECTOR	B5P6-VB-2		5JWAP00459	т 1	TRANSFO	RMER	H-6LTJD00015		6LTJD00015
2 5 J 4 O	CONNECTOR	IL-G-12P-\$372-E		5JWAD00082	2 5 T 2	RF XFMR		H-6LHJD00380		6LHJD00380
J41	CONNECTOR	IL-G-12P-S3T2-E		53WAD00082	TR2	TRANSIS	TOR	2SC3398-TB		5TCAZ00011
J 4 2	CONNECTOR	IL-G-6P-S3T2-E		5JWAD00099	T R 3	TRANSIS	TOR	2SA1162-YTE85L		5 T A A G O O 1 8 2
κ1	RELAY	LZ12H		5KLAC00033	T R 4	TRANSIS	TOR	28C2712Y TE85L		5TAAG00186
L1	COIL	LALO3VSR22M		5LCAA00284	TR5	TRANSIS	TOR	2SC3398-TB		5 T C A Z 0 0 0 1 1
3 ů	COIL	LALO3VSR22M		5LCAA00284	3 U T R 6	TRANSIS	T O R	2SA1344-TB		5TAAL00004
	CONNECTOR	H-6ZCJD00100		6ZCJD00100	T R 7	TRANSIS	ror	2SC3398-TB		5TCAZ00011
P61	CABLE	HIF2B(A)3BA-20D-BC-1		52CAG00117	x 1	TRANSDU	CER	CSA12.DMTO40		5UNAB00035
PC1	PCB	H-6PCJD00622A		6PCJD00622						
R 8	RESISTOR FXD	ERJ-8GEYJ223V	1/8W 22K OHM	5REAG01754						
R 1 0	RESISTOR FXD	CRH2OG5 OHM J		5RHAA01300	3.5					

JRC

		JA	CK TIT	CQB-61	SHEET NO.
PART NO	PART	NAME	TYPE	DESCRIPTION	CODE
J 4 3	JACK		HLJ4305-01-3070		5JJAM00061
J 4 4	JACK		HSJ0786-01-010		5JJAM00022
P42	CONNECTO	R	H-6ZCJD00104		6ZCJD00104
PC1	PCB		H-6PCJD00623A		6PCJD00623
R 2 2	RESISTOR	FXD	ERD-S1VJ101T	0.5W	5RDAA01711
R23	RESISTOR	FXD	ERD-\$1VJ101T	0.5W	5RDAA01711

1 0			
1 5			

2 5			

3 0			

3 5			

(JRC)

	-	AVR		TITLE CBD-1080	SHEET NO
			Т		
PART NO	DIPART	NAME	TYPE	DESCRIPTION	CODE
c 1	CAP,FXD	PLSTC	ECQ-V1H104JZ3		5CRAA00617
C 2	CAP,FXD	ELCTLT	ECE-A1EU100B		5CEAA01864
C 3	CAP,FXD	ELCTLT	ECE-A1EU100B		5CEAA01864
C 4	CAP, FXD	ELCTLT	ECE-A1EU101B		5CEAA01813
C 5	CAP, FXD	PLSTC	ECQ-V1H104JZ3		5CRAA00617
C 6	CAP,FXD	PLSTC	ECQ-V1H104JZ3		5CRAA00617
C 7	CAP,FXD	ELCTLT	ECE-A1EU100B		5CEAA01864
C 8	CAP,FXD	ELCTLT	ECE-A1EU100B		5CEAA01864
C D 1	DIODE		1S2076RE		51XAE00588
CD2	DIODE		HZ3B-2RE		5TXAE00566
I C 1	1 C		M5237L		500AB00346
I C 2	IC		TA78005AP		50AAD00082
I C 3	IC		TA78009AP		50AAD00124
P18	CABLE		H-6ZCJD00349A		6ZCJD00349
PC1	PCB		H-6PCJD00621A		6PCJD00621
R 1	RESISTOR	R FXD	ERD-25UJ221T	220 OHM 1/4	5RDAA01543
R 2	RESISTOR	R FXD	ERD-25UJ333T	1/4W 33K OHM	5RDAA01591
R 3	RESISTOR	R FXD	ERD-25UJ392T	1/4w 3.9K OHM	5RDAA01608
R 4	RESISTOR	R FXD	ERD-25UJ101T	1/4W 100 OHM	5RDAA01599
R 5	RESISTO	R FXD	ERD-25UJ222T	2.2K OHM 1/4W	5RDAA01548
R 6	RESISTO	R FXD	ERD-25UJ103T	10K OHM 1/4W	5RDAA01547
RV1	RESISTO	R VAR	EVN-D8AA03B13	1K OHM	5RVAB00433
TR1	TRANSIS	TOR	2\$B553-Y		51BAE00036
TR1-2	ACCESSO	RY	AC229		52KAH00020
T-R1-3	BUSING		Y C - 4 O B		5220Y00005

PARTS LIST

		7	T1 TI. E				
	ACC	ESSORY	NRD-535FUZOKU	1			
PART N	O PART NAME	TYPE	DESCRIPTION	CODE			
A C 1	CONNECTOR	M-P-3		5 J A A N O O O 1 O			
AC2	PIN PLUG	AR-568M		5JWGC00004			
AC3	2P PLUG	PJ-2272		5JJAJ00167			
A C 4	PLUG	AP314		5JJBR00006			
₅ A C 5	FUSE	MF61NR1	1 A	5ZFAD00403			
AC6	DC POWER CABLE	H-6ZCJD00127		6ZCJD00127			

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For further information, contact:



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