(J-)FET datasheet info

max I_D bij $U_{GS} = 0$

I bron meestal stabiel bij waarde tussen 10% en 50% van max.

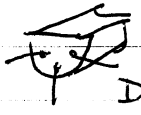
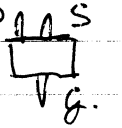
Test-U ↓

Sony 2SK125 bij

I_{max} = 40 → 75 mA ≈ ± 50 mA 10V

I 50% ± 25 mA → U = 1,25 V → 50 Ω

10% ± 5 mA → U = 2,5 V 500 Ω

BF256A	3 → 7 mA	1	 Fairchild	15V 1dcm voor BF556  SMD
" B	6 → 13 mA	2		
" C	11 → 18 mA	3		

max

1) ± 4 mA U = 0 // 0,2 V @ 2,8 mA → 72 Ω

2) ± 15 U ? ± 7,5 mA 1V 130 Ω

3) ± 20 U ? ± 10 mA 2V 200 Ω

	mA		
BF244A	2 → 6,5	1	
B	6 → 15	2	D g S
C	12 → 25	3	Fairchild

15V

MaxI

1 ± 5 0,5V @ 4mA 125Ω

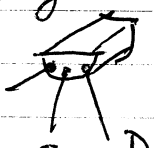
2 ± 10

3 ± 15 ± 4V @ 7mA 200Ω

	mA	I_{cc}		
BF410A	0,7 → 3	0,8V		
B	2,5 → 7	1,5	g S D	10V
C	6 → 12	2,2	Philips	
D	10 → 18	3V		

	A	set 50%	Rs
A	0,4V @ 1,5m	→	270Ω
B	0,75V @ 4,5	→	170Ω
C	1,1 @ 9	→	120Ω
D	1,5 @ 14	→	± 110Ω

BF 246 // BF 247 — Philips

	max			
A	30 – 80 mA		46	Test 15 V.
B	60 – 140 mA		47	
C	110 – 250 mA			

		R_S
A	2,75 @ 55 mA → 50	
interpolatie		
B	5V @ 100 mA → 50	
C	9V @ 160 mA → 56	

BF 245 A	2 → 6,5		15V
B	6 → 15		
C	12 → 25	Philips	

BF 545

idem

	max		
A	± 4 mA	0,8 @ 1,5 mA	530 Ω
B	10 mA	4,2V @ 5 mA	240 Ω
C	± 17	2,5V @ 8 mA →	312

MMBF4416 SMD

5 → 15 mA

15V

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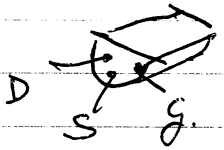
308 / 309 / 310



FM/VHF/UHF

10V

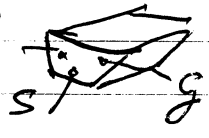
	max I mA
308	12 — 60
309	12 — 30
310	24 — 60

Philips

max I ±	Typ		
14	308	0,4V @ 7mA	± 56Ω
16	309	0,5 8	62Ω
35	310	1V ±20	50Ω (47Ω)

2SK192A

FM/VHF



18V // 200mW

$I_{d\,max}$ 3 → 24 mA

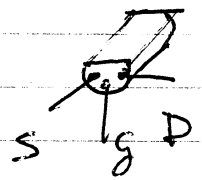
(10V) gemm 10mA | Test ...

5 mA bij 0,8V → 160Ω

LF / HF / low noise JFET

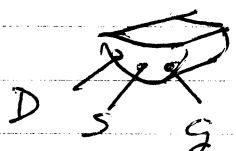
2SK30 audio — $I_D = 0{,}3 \rightarrow 6{,}5$ mA 10V

2SK34 — $I_D = 0{,}3 \rightarrow 12$ mA



2SK19 — 18V — max 200mW — FM // VHF

$I_{D\,max}$ 3 → 24 mA @ 10V

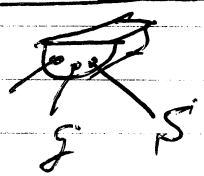


2SK147 GR — LF // low noise — Test 11 → 15 mA

$I_D = 5 \rightarrow 30$ mA

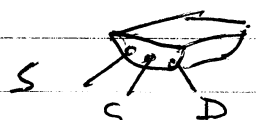
max $U = 40$V

U_g off = 0,7 à 9,6 V



2N3819 — FM

I_D 2 → 20 mA typ → 10 mA @ 15V



MPF102 — RF

I_D 2 → 20 mA @ 15V

CF300 dualgate N

5V

A 10 – 35 mA
B 30 – 50
C 45 – 80

Telefunken

BF 308/309/310

10V

308 — 12 → 60
309 — 12 → 30
310 — 24 → 60

Philips

P8002

Texas Instr.

30 – 100 mA

10V

Meest stabiel met R setting tussen

10 en 50% I_D max