A.F. TRANSISTORS N-P-N
NF-TRANSISTOREN N-P-N

Type / Typ	Maximum ratings • Grenzdaten						I_{CBO} at I_{CES}* bei I_{CES}* max	U_{CB} U_{CES}*	h_{21e} h_{21E}*	at bei	U_{CE}	I_C	f	f_T min	F max	Case Gehäuse
	U_{CBO} U_{CES}* V	U_{CEO} V	U_{EBO} V	I_C mA	P_{tot} mW	ϑ_j °C	nA	V			V	mA	kHz	MHz	dB	
KC147	45	45	5	100	200 [1]	125	15	45	125 ... 500		5	2	1	150	10 [3]	T28
KC148	20	20	5	100	200 [1]	125	15	20	125 ... 900		5	2	1	150	10 [3]	T28
KC149	20	20	5	100	200 [1]	125	15	20	240 ... 900		5	2	1	150	4 [2]	T28
KC237A	50*	45	6	100	300	150	15*	50*	120 ... 220*		5	2	—	150	10 [3]	T16
KC237B	50*	45	6	100	300	150	15*	50*	180 ... 460*		5	2	—	150	10 [3]	T16
KC237V	70*	64	6	100	300	150	15*	70*	30 ... 150*		5	2	—	150	10 [3]	T16
KC238A	30*	20	5	100	300	150	15*	30*	120 ... 220*		5	2	—	150	10 [3]	T16
KC238B	30*	20	5	100	300	150	15*	30*	180 ... 460*		5	2	—	150	10 [3]	T16
KC238C	30*	20	5	100	300	150	15*	30*	380 ... 800*		5	2	—	150	10 [3]	T16
KC239B	30*	20	5	50	300	150	15*	30*	180 ... 460*		5	2	—	150	4 [3]	T16
KC239C	30*	20	5	50	300	150	15*	30*	380 ... 800*		5	2	—	150	4 [3]	T16
KC239F	30*	20	5	50	300	150	15*	30*	300 ... 800*		5	2	—	150	2 [2]	T16
KC507	45	45	5	100	300	175	15	45	125 ... 500		5	2	1	150	10 [3]	T11
KC508	20	20	5	100	300	175	15	20	125 ... 900		5	2	1	150	10 [3]	T11
KC509	20	20	5	100	300	175	15	20	240 ... 900		5	2	1	150	4 [2]	T11
KC635	45*	45	5	1A	800	150	100	30	40 ... 300*		2	150	—	50	—	T16
KC637	60*	60	5	1A	800	150	100	30	40 ... 160*		2	150	—	50	—	T16
KC639	100*	80	5	1A	800	150	100	30	40 ... 160*		2	150	—	50	—	T16

[1] $\vartheta_a \leqq 45$ °C, without cooling • ohne Kühlung
[2] $U_{CE} = 5$ V, $I_C = 0{,}2$ mA, $R_g = 2$ kΩ, $\Delta f = 30 \ldots 15\,000$ Hz
[3] $U_{CE} = 5$ V, $I_C = 0{,}2$ mA, $R_g = 2$ kΩ, f = 1 kHz, $\Delta f = 200$ Hz

A.F. TRANSISTORS P-N-P
NF-TRANSISTOREN P-N-P

Type / Typ	Maximum ratings • Grenzdaten						$-I_{CES}$ at $-I_{CBO}$* bei $-I_{CBO}$* max	$-U_{CES}$ $-U_{CB}$*	h_{21e} h_{21E}*	at bei	$-U_{CE}$	I_E	f	f_T min	F max	Case Gehäuse
	$-U_{CBO}$ $-U_{CES}$* V	$-U_{CEO}$ V	$-U_{EBO}$ V	$-I_C$ mA	P_{tot} mW	ϑ_j °C	nA	V			V	mA	kHz	MHz	dB	
KC307A	50*	45	5	100	300	150	15	50	120 ... 220*		5	2	—	150	10 [2]	T16
KC307B	50*	45	5	100	300	150	15	50	180 ... 460*		5	2	—	150	10 [2]	T16
KC307V	64*	64	5	100	300	150	15	64	30 ... 150*		5	2	—	150	10 [2]	T16
KC308A	30*	25	5	100	300	150	15	30	120 ... 220*		5	2	—	150	10 [2]	T16
KC308B	30*	25	5	100	300	150	15	30	180 ... 460*		5	2	—	150	10 [2]	T16
KC308C	30*	25	5	100	300	150	15	30	380 ... 800*		5	2	—	150	10 [2]	T16
KC309B	25*	20	5	50	300	150	15	25	180 ... 460*		5	2	—	150	4 [2]	T16
KC309C	25*	20	5	50	300	150	15	25	380 ... 800*		5	2	—	150	4 [2]	T16
KC309F	25*	20	5	50	300	150	15	25	300 ... 800*		5	2	—	150	2 [1]	T16
KC636	45*	45	5	1A	800	150	100*	30*	40 ... 300*		2	150	—	50	—	T16
KC638	60*	60	5	1A	800	150	100*	30*	40 ... 160*		2	150	—	50	—	T16
KC640	100*	100	5	1A	800	150	100*	30*	40 ... 160*		2	150	—	50	—	T16

[1] $-U_{CE} = 5$ V, $-I_C = 0{,}2$ mA, $R_g = 2$ kΩ, f = 30 ... 15 000 Hz
[2] $-U_{CE} = 5$ V, $-I_C = 0{,}2$ mA, $R_g = 2$ kΩ, f = 200 Hz