

Transistor, FET e MOS-FET

Transistor small signal (max. 1A)

TIPO	CODICE	POLARI TA	CONTENI TORE	VCB0 (V)	VCE0 (V)	IC (mA)	HFE typ	Ptot (mW)
2N2222A	D 2N2222A	N	TO-18	75	40	800	100÷300	500
2N2219A	D 2N2219A	N	TO-39	60	30	800	100÷300	800
2N2369A	D 2N2369A	N	TO-18	40	15	200	20÷120	400
2N2907A	D 2N2907A	P	TO-18	60	60	600	100÷300	400
2N1711	D 2N1711	N	TO-39	75	50	500	100÷300	800
2N2905A	D 2N2905A	P	TO-39	60	40	600	100÷300	600
2N3904	D 2N3904	N	TO-92	60	40	200	100÷300	600
2N3906	D 2N3906	P	TO-92	40	40	200	100÷300	600
2N3440	D 2N3440	N	TO-39	300	250	1000	40÷160	1000
2N5416	D 2N5416	P	TO-39	350	300	1000	30÷120	1000
BC107B	D BC107B	N	TO-18	30	25	200	200÷450	600
BC141	D BC141	N	TO-39	100	60	1000	100÷250	800
BC161	D BC161	P	TO-39	60	60	1000	100÷250	800
BC177B	D BC177B	P	TO-18	50	45	200	180÷460	600
BC546B	D BC546B	N	TO-92	80	65	100	200÷450	600
BC547B	D BC547B	N	TO-92	50	45	100	200÷450	600
BC549C	D BC549C	N	TO-92	30	30	100	420÷800	600
BC550B	D BC550B	N	TO-92	50	45	100	200÷450	600
BC556B	D BC556B	P	TO-92	80	65	100	180÷460	600
BC557B	D BC557B	P	TO-92	50	45	100	180÷460	600
BC337B	D BC337B	N	TO-92	50	45	800	160÷400	600
BC337C	D BC337C	N	TO-92	50	45	800	250÷630	600
BC327B	D BC327B	P	TO-92	50	45	800	160÷400	600
BC327C	D BC327C	P	TO-92	50	45	800	250÷630	600
MPSA06	D MPSA06	N	TO-92	80	80	500	100....	600
MPSA56	D MPSA56	P	TO-92	80	80	500	100....	600
MPSA42	D MPSA42	N	TO-92	300	300	500	40....	600
MPSA92	D MPSA92	P	TO-92	300	300	500	40....	600
BFY56A	D BFY56A	N	TO-39	85	55	1000	40÷120	800



TO 39



TO 18



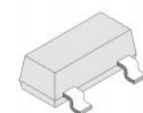
TO 92

Transistor small signal darlington (max. 1A)

TIPO	CODICE	POLARI TA	CONTENI TORE	VCB0 (V)	VCE0 (V)	IC (mA)	HFE typ	Ptot (mW)
MPSA13	D MPSA13	N	TO-92	30	30	500	10000....	600
MPSA63	D MPSA63	P	TO-92	30	30	500	10000....	600
BCX38C	D BCX38C	N	TO-92	80	60	800	10000....	1000
BC517	D BC517	N	TO-92	40	30	1000	30000....	600

Transistor small signal (max. 1A) in SMD

TIPO	CODICE	POL	CONTENI TORE	VCB0 (V)	VCE0 (V)	IC mA	HFE typ	Ptot mW
BC807-25	D BC807-25	P	SOT-23	50	45	500	160÷400	300
BC817-25	D BC817-25	N	SOT-23	50	45	500	160÷400	300
BC846B	D BC846B	N	SOT-23	80	65	100	200÷450	300
BC847B	D BC847B	N	SOT-23	50	45	100	200÷450	300
BC856B	D BC856B	P	SOT-23	80	65	100	200÷450	300
BC857B	D BC857B	P	SOT-23	50	45	100	200÷450	300
MMBT2222ALT1	D MMBT2222ALT1	N	SOT-23	75	40	150	100÷300	300
MMBT2907ALT1	D MMBT2907ALT1	P	SOT-23	60	60	150	100÷300	300
BFR92LT1	D BFR92LT1	N	SOT-23	20	15	25	25....	300

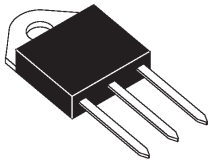


SOT 23

Transistor di potenza > 1A



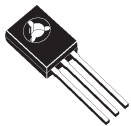
TO 18



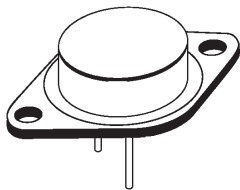
TO 218



TO 247



TO 126

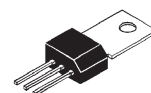


TO 3

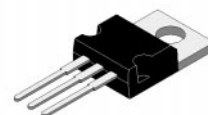
TIPO	CODICE	POLA RITA	CONTENI TORE	V _{CB0} (V)	V _{CE0} (V)	I _C (mA)	HFE typ	P _{tot} (W)
BD139	D BD139	N	TO-126	80	80	1,5	40÷160	12,5
BD140	D BD140	P	TO-126	80	80	1,5	40÷160	12,5
BD235	D BD235	N	TO-126	60	60	2	25....	25
BD236	D BD236	P	TO-126	60	60	2	25....	25
BD237	D BD237	N	TO-126	100	80	2	25....	25
BD239C	D BD239C	N	TO-220	100	100	2	100....	30
BD240C	D BD240C	P	TO-220	100	100	2	100....	30
BD241C	D BD241C	N	TO-220	100	100	3	25....	40
BD242C	D BD242C	P	TO-220	100	100	3	25....	40
BD243C	D BD243C	N	TO-220	100	100	6	15....	65
BD244C	D BD244C	P	TO-220	100	100	6	15....	65
BD437	D BD437	N	TO-126	45	45	4	40....	36
BD438	D BD438	P	TO-126	45	45	4	40....	36
BD439	D BD439	N	TO-126	60	60	4	25....	36
BD440	D BD440	P	TO-126	60	60	4	25....	36
BD441	D BD441	N	TO-126	80	80	4	15....	36
MJE340	D MJE340	N	TO-126	300	300	0,5	30....	20
MJE350	D MJE350	P	TO-126	300	300	0,5	30....	20
BD442	D BD442	P	TO-126	80	80	4	15....	36
BD710	D BD710	P	TO-220	80	80	12	15....	75
BD907	D BD907	N	TO-220	60	60	15	15....	90
BD908	D BD908	P	TO-220	60	60	15	15....	90
BD911	D BD911	N	TO-220	100	100	15	15....	90
BD912	D BD912	P	TO-220	100	100	15	15....	90
BUX48C	D BUX48C	N	TO-3	1200	700	15	-	175
BU208A	D BU208A	N	TO-3	1500	700	8	-	150
BUX85	D BUX85	N	TO-220	1000	450	2	30....	50
TIP31C	D TIP31C	N	TO-220	100	100	3	25....	40
TIP32C	D TIP32C	P	TO-220	100	100	3	25....	40
TIP33C	D TIP33C	N	TO-218	100	100	10	20....	80
TIP34C	D TIP34C	P	TO-218	100	100	10	20....	80
TIP35C	D TIP35C	N	TO-218	100	100	25	25....	125
TIP36C	D TIP36C	P	TO-218	100	100	25	25....	125
MJE2955T	D MJE2955T	P	TO-220	70	60	10	20....	15
MJE3055T	D MJE3055T	N	TO-220	70	60	10	20....	15
TIP2955	D TIP2955	P	TO-218	100	60	15	20....	90
TIP3055	D TIP3055	N	TO-218	100	60	15	20....	90
2N3055	D 2N3055	N	TO-3	100	60	15	20....	115
MJ2955	D MJ2955	P	TO-3	100	60	15	20....	115
MJ802	D MJ802	N	TO-3	100	90	30	25....	200
MJ4502	D MJ4502	P	TO-3	100	90	30	25....	200
2N3772	D 2N3772	N	TO-3	100	60	20	15....	150
2N3773	D 2N3773	N	TO-3	160	140	16	15....	150
MJE15030	D MJE15030	N	TO-220	150	150	8	40....	50
MJE15031	D MJE15031	P	TO-220	150	150	8	40....	50
MJ15003	D MJ15003	N	TO-3	140	140	20	25....	250
MJ15004	D MJ15004	P	TO-3	140	140	20	25....	250

Transistor di potenza Darlington > 1A

TIPO	CODICE	POLA RITA	CONTENITORE	VCB0 (V)	VCE0 (V)	IC (mA)	HFE typ	Ptot (W)
BD677A	D BD677A	N	TO-126	60	60	4	750....	40
BD678A	D BD678A	P	TO-126	60	60	4	750....	40
BD679A	D BD679A	N	TO-126	80	80	4	750....	40
BD680A	D BD680A	P	TO-126	80	80	4	750....	40
BD681	D BD681	N	TO-126	100	100	4	750....	40
BD682	D BD682	P	TO-126	100	100	4	750....	40
TIP122	D TIP122	N	TO-220	100	100	5	1000....	65
TIP127	D TIP127	P	TO-220	100	100	5	1000....	65
BDX33C	D BDX33C	N	TO-220	100	100	10	750....	70
BDX34C	D BDX34C	P	TO-220	100	100	10	750....	70
BDX53C	D BDX53C	N	TO-220	100	100	8	750....	60
BDX54C	D BDX54C	P	TO-220	100	100	8	750....	60
TIP142	D TIP142	N	TO-218	100	100	10	1000....	125
TIP147	D TIP147	P	TO-218	100	100	10	1000....	125
MJ3001	D MJ3001	N	TO-3	80	80	10	1000....	150
MJ2501	D MJ2501	P	TO-3	80	80	10	1000....	150
BU806	D BU806	N	TO-220	400	200	8	-	60



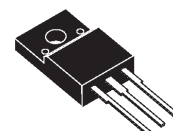
TO 202



TO 220

Transistor FET

TIPO	CODICE	CANALE	CONTENITORE	Rds on (Ω)	Vgs (V)	Idss (mA)	Ptot (mW)
2N3819	D 2N3819	N	TO-92	-	8	2÷20	200
2N4393	D 2N4393	N	TO-18	100	40	5÷30	1800
J113	D J113	N	TO-92	100	35	2....	600
J175	D J175	P	TO-92	125	30	7÷60	350
J177	D J177	P	TO-92	300	30	1,5÷20	350
BF245B	D BF245B	N	TO-92	-	30	6÷15	360
BF245C	D BF245C	N	TO-92	-	30	12÷25	360
BS107	D BS107	N	TO-92	28	200(Vdss)	250	600
BS170	D BS170	N	TO-92	1,8÷5	60(Vdss)	500	800
BS250	D BS250	P	TO-92	9	45(Vdss)	200	800



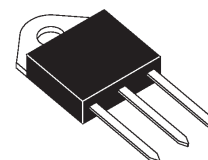
TO 220 isol.

Transistor MOS-FET di potenza > 1A

TIPO	CODICE	CANALE	CONTENITORE	Rds on (Ω)	Vgs (V)	Idss (mA)	Ptot (W)
IRF530	D IRF530	N	TO-220	0,16	100	14	79
IRF540	D IRF540	N	TO-220	0,077	100	28	125
IRF620	D IRF620	N	TO-220	0,8	200	5	40
IRF640	D IRF640	N	TO-220	0,14÷0,18	200	18	125
IRF740	D IRF740	N	TO-220	0,55	400	10	125
IRF820	D IRF820	N	TO-220	3	500	2,5	50
IRF840	D IRF840	N	TO-220	0,85	500	8	125
IRFD110	D IRFD110	N	DIL4	0,5÷0,6	100	1	1
IRFP150	D IRFP150	N	TO-247	0,045÷0,055	100	40	180
IRFP250	D IRFP250	N	TO-247	0,07÷0,085	200	33	180
IRFP450	D IRFP450	N	TO-247	0,3÷0,4	500	14	180
IRF9530	D IRF9530	P	TO-220	0,3	-100	-10,5	75
IRFP9140	D IRFP9140	P	TO-3P	0,2	-100	-19	125
BUZ11	D BUZ11	N	TO-220	0,04	50	30	75
BUZ71	D BUZ71	N	TO-220	0,1	50	14	40
BUZ71A	D BUZ71A	N	TO-220	0,12	50	13	40
BUZ305	D BUZ305	N	TO-218	1	800	7,5	150



TO 92



TOP 3