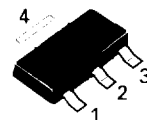


SOT223



DARLINGTON TRANSISTORS

Pinout : 1-Base, 2&4-Collector, 3-Emitter

Type	V _{CBO} V	V _{CEO} V	I _{C(cont)} A	P _{tot} W	h _{FE}		V _{CE(sat)} Max		f _T Typ MHz	Complement
					Min/Max	at I _C / V _{CE} mA / Volts	Volts	at I _C / I _B mA		
NPN										
FZT600	160	140	2.0	2.0	1K/-	1000/10	1.2	1000/10	150	-
FZT605	140	120	2.0	2.0	2K/100K	500/10	1.0	250/0.25	150	FZT705
FZT604	120	100	2.0	2.0	5K/-	500/5	1.5	1000/1.0	150	FZT704
FZT603	100	80	2.0	2.0	2K/100K	1000/5	1.0	250/0.25	150	-
FZTA14	30	30	1.0	2.0	5K/-	1000/5	1.0	1000/1.0	170	-
FZTA14	30	30	1.0	2.0	20K/-	100/5	1.5	100/0.1	170	-
FZTA14	30	30	1.0	2.0	5K/-	1000/5	1.6	1000/1.0	170	-
PNP										
FZT705	-140	-120	-2.0	2.0	3K/30K	-1000/-5	-1.3	-1000/-1.0	100	FZT605
FZT704	-120	-100	-2.0	2.0	2K/-	-2000/-5	-2.5	-2000/-2.0	160	FZT604
FZT704	-120	-100	-2.0	2.0	3K/30K	-1000/-5	-1.3	-1000/-1.0	160	FZT604
FZTA63	-30	-30	-0.5	2.0	2K/-	-2000/-5	-2.5	-2000/-2.0	125	-
FZTA64	-30	-30	-0.5	2.0	5K/-	-10/-5	-1.5	-100/-0.1	125	-
FZTA64	-30	-30	-0.5	2.0	10K/-	-100/-5	-1.5	-100/-0.1	125	-
FZTA64	-30	-30	-0.5	2.0	20K/-	-100/-5	-1.5	-100/-0.1	125	-

MEDIUM POWER TRANSISTORS

Pinout : 1-Base, 2&4-Collector,3-Emitter

Type	V _{CBO} V	V _{CEO} V	I _{C(cont)} A	P _{tot} W	h _{FE}		V _{CE(sat)} Max		f _T Typ MHz	Complement
					Min/Max	at I _C / V _{CE} mA / Volts	Volts	at I _C / I _B mA		
NPN										
FZT493	120	100	1.0	2.0	100/300	250/10	0.3	500/50	150	FZT593
BCP56	100	80	1.0	2.0	40/250	150/2	0.5	500/50	100	BCP53
BSP43	90	80	1.0	2.0	100/300	100/10	0.25	150/15	150	BSP33
FZT491	80	60	1.0	2.0	100/300	500/5	0.25	500/50	150	FZT591
BSP41	70	60	1.0	2.0	100/300	100/10	0.25	150/15	150	BSP31
BCP55	60	60	1.0	2.0	40/250	150/2	0.5	500/50	100	BCP52
BCP54	45	45	1.0	2.0	40/250	150/2	0.5	500/50	100	BCP51
FZT491A	40	40	1.0	2.0	300/900	500/5	0.3	500/50	150	FZT591A
FZT489	50	30	1.0	2.0	100/300	1000/2	0.3	1000/100	150	FZT589
BCP68	25	20	1.0	2.0	63/400	500/1	1.0	1000/100	100	BCP69
PNP										
FZT593	-120	-100	-1.0	2.0	100/300	-500/-2	-0.3	-500/-50	150	FZT493
BCP53	-100	-80	-1.0	2.0	40/250	-150/-2	-0.5	-500/-50	125	BCP56
BSP33	-90	-80	-1.0	2.0	100/300	-100/-10	-0.25	-150/-15	100	BSP43
FZT591	-80	-60	-1.0	2.0	100/300	-500/-5	-0.3	-500/-50	150	FZT491
BSP31	-70	-60	-1.0	2.0	100/300	-100/-10	-0.25	-150/-15	100	BSP41
BCP52	-60	-60	-1.0	2.0	40/250	-150/-2	-0.5	-500/-50	125	BCP55
BCP51	-45	-45	-1.0	2.0	40/250	-150/-2	-0.5	-500/-50	125	BCP54
FZT591A	-40	-40	-1.0	2.0	300/800	-100/-5	-0.35	-500/-20	150	FZT491A
FZT589	-50	-30	-1.0	2.0	100/300	-500/-2	-0.35	-1000/-100	100	FZT489
FZT549	-35	-30	-1.0	2.0	100/300	-500/-5	-0.5	-1000/-100	100	-
BCP69	-25	-20	-1.0	2.0	63/400	-500/-1	-0.5	-1000/-100	100	BCP68