

SOT-23 TRANSISTORS & DIODES

HIGH PERFORMANCE TRANSISTORS (NPN)

Type	V _{CB0} Volts	V _{CE0} Volts	I _C mA	P _{tot} mW	h _{FE}		V _{CE(sat)}		f _T min. MHz
					min./max.	at I _C /V _{CE} mA/volts	max. at I _C /I _B Volts	at I _C /I _B mA	
FMMT497	300	300	500	500	100/300	100/10.0	0.2	100/10	75
FMMT495	170	150	1000	500	100/300	250/10.0	0.2	250/25	100
FMMT494	140	120	1000	500	100/300	250/10.0	0.2	250/25	100
FMMT493	120	100	1000	500	100/300	250/10.0	0.25	500/50	150
FMMT491	80	60	1000	500	100/300	500/5.0	0.3	500/50	150
FMMT491A	40	40	1000	500	300/900	500/5.0	0.3	500/50	150
FMMT489	50	30	1000	500	100/300	1000/2.0	0.3	1000/100	150

HIGH PERFORMANCE TRANSISTORS (PNP)

Type	V _{CB0} Volts	V _{CE0} Volts	I _C mA	P _{tot} mW	h _{FE}		V _{CE(sat)}		f _T min. MHz
					min./max.	at I _C /V _{CE} mA/volts	max. at I _C /I _B Volts	at I _C /I _B mA	
FMMT597	300	300	500	500	100/—	100/10.0	0.25	100/20	75
FMMT596	220	200	500	500	100/300	250/10.0	0.35	250/25	150
FMMT593	120	100	1000	500	100/300	500/10.0	0.3	500/50	150
FMMT591	80	60	1000	500	100/300	500/5.0	0.3	500/50	150
FMMT591A	40	40	1000	500	250/—	500/5.0	0.35	500/20	150
FMMT589	50	30	1000	500	80/—	1000/2.0	0.35	1000/100	100

MEDIUM POWER TRANSISTORS (NPN)

Type	V _{CB0} Volts	V _{CE0} Volts	I _C mA	P _{tot} mW	h _{FE}		V _{CE(sat)}		f _T typ. MHz
					min./max.	at I _C /V _{CE} mA/volts	max. at I _C /I _B Volts	at I _C /I _B mA	
BCX41	125	125	800	425	63/—	100/1	0.9	300/30	100
FMMTA06	80	80	500	425	50/—	100/1	0.25	100/10	100
FMMT451	80	60	1000	425	50/150	150/10	0.35	150/15	150
BCW66F	75	45	800	425	100/250	100/1	0.3	100/10	100
BCW66G	75	45	800	425	160/400	100/1	0.3	100/10	100
BCW66H	75	45	800	425	250/630	100/1	0.3	100/10	100
FMMTA05	60	60	500	425	50/—	100/1	0.25	100/10	100
BCW65A	60	32	800	425	100/250	100/1	0.3	100/10	100
BCW65B	60	32	800	425	160/400	100/1	0.3	100/10	100
BCW65C	60	32	800	425	250/630	100/1	0.3	100/10	100
BCX19	50	45	500	425	100/600	100/1	0.62	500/50	200
FMMT449	35	30	1000	425	100/300	500/2	0.5	1000/100	150
BCX20	30	25	500	425	100/600	100/1	0.62	500/50	200

MEDIUM POWER TRANSISTORS (PNP)

Type	V _{CB0} Volts	V _{CE0} Volts	I _C mA	P _{tot} mW	h _{FE}		V _{CE(sat)}		f _T typ. MHz
					min./max.	at I _C /V _{CE} mA/volts	max. at I _C /I _B Volts	at I _C /I _B mA	
FMMTA56	80	80	500	425	50/—	100/1	0.25	100/10	100
FMMT551	80	60	1000	425	50/150	150/10	0.35	150/15	150
FMMTA55	60	60	500	425	50/—	100/1	0.25	100/10	100
BCW68F	60	45	800	425	100/250	100/1	0.3	100/10	100
BCW68G	60	45	800	425	160/400	100/1	0.3	100/10	100
BCW68H	60	45	800	425	250/630	100/1	0.3	100/10	100
BCX17	50	45	800	425	100/600	100/1	0.62	500/50	100
BCW67A	45	30	800	425	100/250	100/1	0.3	100/10	100
BCW67B	45	30	800	425	160/400	100/1	0.3	100/10	100
BCW67C	45	30	800	425	250/630	100/1	0.3	100/10	100
FMMT549A	35	30	1000	425	150/500	500/2	0.5	1000/100	100
FMMT549	35	30	1000	425	100/300	500/2	0.5	1000/100	100
BCX18	30	25	800	425	100/600	100/1	0.62	500/50	100