

SOT-23 TRANSISTORS & DIODES

HIGH VOLTAGE TRANSISTORS

Type	V_{CBO} Volts	V_{CEO} 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	
NPN									
FMMTA42	300	300	200	350	40/—	30/10	0.5	20/2.0	50
FMMTA43	200	200	200	350	50/200	10/10	0.4	20/2.0	50
FMMT5551	180	160	400	600	80/250	10/5	0.4	50/5	200
FMMT5550	180	140	600	400	60/250	10/5	0.25	50/5	200
BSS64	120	80	100	350	20/—	10/1	0.15	4/0.4	100
HT2	90	80	100	350	50/—	10/1	0.75	50/5	100
PNP									
FMMTA92	300	300	200	350	25/—	30/10	0.5	20/2.0	50
FMMTA93	200	200	200	350	30/150	30/10	0.4	20/2.0	50
FMMT576	200	200	1000	425	50/300	300/10	0.3	100/10	100
FMMT555	160	150	1000	425	50/300	300/10	0.3	100/10	100
FMMT5401	160	150	600	400	60/240	10/5	0.5	50/5	200
FMMT5400	130	120	600	400	40/180	10/5	0.5	50/5	200
BSS63	110	100	100	350	30/—	10/1	0.25	25/2.5	85
HT3	90	80	100	350	50/—	10/1	0.75	50/5	100

DARLINGTON TRANSISTORS (NPN)

Type	V_{CBO} Volts	V_{CEO} Volts	I_C mA	P_{tot} mW	h_{FE}		$V_{CE(sat)}$		f_T typ. MHz
					min.	at I_C/V_{CE} mA/volts	max. at I_C/I_B Volts	at I_C/I_B mA	
FMMT38A	80	60	300	400	1K	500/5	1.25	800/8.0	100
FMMT38B	80	60	300	400	4K	500/5	1.25	800/8.0	100
FMMT38C	80	60	300	400	10K	500/5	1.25	800/8.0	100
BCV47	80	60	500	425	2K	500/5	1.0	100/0.1	170
BCV27	40	30	500	425	4K	500/5	1.0	100/0.1	170
FMMTA14	30	30	300	400	10K	10/5	1.5	100/0.1	100
FMMTA13	30	30	300	400	5K	10/5	1.5	100/0.1	100
FMMTA12	20	20	300	400	20K	10/5	1.0	10/0.01	100

DARLINGTON TRANSISTORS (PNP)

Type	V_{CBO} Volts	V_{CEO} Volts	I_C mA	P_{tot} mW	h_{FE}		$V_{CE(sat)}$		f_T typ. MHz
					min.	at I_C/V_{CE} mA/volts	max. at I_C/I_B Volts	at I_C/I_B mA	
BCV46	80	60	500	425	2K	500/5	1.0	100/0.1	200
BCV26	40	30	500	425	4K	500/5	1.0	100/0.1	200
FMMTA63	30	30	500	425	10K	10/5	1.5	100/0.1	150
FMMTA64	30	30	500	425	20K	10/5	1.5	100/0.1	150