

Section 2: Bipolar Transistors

Darlington Transistors

SOT23 NPN Darlington Transistors

Pinout Details: 1-Collector, 2-Emitter, 3-Base

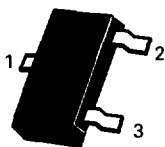
Type	V _{CB0} V	V _{CEO} V	I _C mA	h _{FE}		V _{CE(sat)}		V _{CE(sat)}		PD mW	
				Min	Max	Max V	at I _C mA	at V _{CE} V	at I _C mA		at I _B mA
FMMT634	120	100	900	15K	—	1000	5	0.96	1000	5	625
FMMT614	120	100	500	5K	—	500	5	1.0	500	5	500
BCV47	80	60	500	2K	—	500	5	1.0	100	0.1	330
FMMT38A	80	60	300	1K	—	500	5	1.25	800	8	330
FMMT38B	80	60	300	4K	—	500	5	1.25	800	8	330
FMMT38C	80	60	300	10K	—	500	5	1.25	800	8	330
BCV27	40	30	500	4K	—	500	5	1.0	100	0.1	330
FMMTA14	30	30	300	20K	—	100	5	1.5	100	0.1	330
FMMTA13	30	30	300	10K	—	100	5	1.5	100	0.1	330
FMMTA12	20	20	300	20K	—	10	5	1.0	10	0.01	330

SOT23 PNP Darlington Transistors

Pinout Details: 1-Collector, 2-Emitter, 3-Base

Type	V _{CB0} V	V _{CEO} V	I _C mA	h _{FE}		V _{CE(sat)}		V _{CE(sat)}		PD mW	
				Min	Max	Max V	at I _C mA	at V _{CE} V	at I _C mA		at I _B mA
FMMT734	-120	-100	-800	-15K	—	-1000	-5	-0.97	-800	-5	625
BCV46	-80	-60	-500	2K	—	-500	-5	-1.0	-100	-0.1	330
BCV26	-40	-30	-500	4k	—	-500	-5	-1.0	-100	-0.1	330
FMMTA63	-30	-30	-500	10K	—	-100	-5	-1.5	-100	-0.1	330
FMMTA64	-30	-30	-500	20K	—	-100	-5	-1.5	-100	-0.1	330

SOT23



Tape and Reel Information - see section 12 ➤ Thermal Data - see section 13 ➤