

SOT-23 High Voltage

Supplied on 8mm tape.



V _{CEO} max. V	I _c (dc) max mA	f _{FE} min @	I _c mA	P _{tot} @ 25°C W	Device Marking	Mfr.	NPN	Mfrs. List No. PNP
300	100	40	10	0.35	2D	FCH	—	MMBTA92
300	200	40	10	0.35	3E/4E	ZET	FMMTA42	FMMTA92
300	200	40	30	0.35	1D	FCH	—	MMBTA42
300	500	100	1	0.5	497/597	ZET	FMMT497	FMMT597
400	150	100	50	0.35	558	ZET	—	FMMT558
400	400	100	50	0.35	458	ZET	FMMT458	—
500	150	80	50	0.5	560	ZET	—	FMMT560

SD178

Order Multiple=5		Price Each			
Mfrs. List No.	Order Code	5+	100+	1K+	5K+
FMMT458	707-867				
FMMT497	302-7004				
FMMT558	707-909				
FMMT560	301-4733				
FMMT597	302-7016				
FMMTA42	516-892				
FMMTA92	516-909				
Order Multiple=10		10+	100+	1K+	3K+
MMBTA42	742-995				
MMBTA92	743-008				

SOT-23 High Performance

High performance complementary pairs, supplied on 8mm tape.



V _{CEO} max. V	I _c (dc) max. A	f _T min. MHz	f _{FE} min. @	I _c mA	P _{tot} W	Device Marking	Mfrs. List No. NPN	Mfrs. List No. PNP
12	1.25	205	300	100	0.5	L77	—	FMMTL717
20	1.0	265	200	500	0.5	L78	—	FMMTL718
20	1.25	195	250	500	0.5	L68	FMMTL618	—
30	1.0	150	100	100	0.5	589	—	FMMT589
40	1.0	150	300	500	0.5	41A/91A	FMMT491A	FMMT591A
50	1.25	180	200	500	0.5	L69	FMMTL619	—
60	1.0	150	100	500	0.5	491/591	FMMT491	FMMT591
100	0.8	—	15000	1	0.63	734	—	FMMT734
100	0.9	—	15000	1	0.63	634	FMMT634	—
100	1.0	150	100	250	0.5	493/593	FMMT493	FMMT593
150	1.0	100	100	250	0.5	495	FMMT495	—
200	0.3	150	100	100	0.5	596	—	FMMT596

SD179

Order Multiple=5		Price Each			
Mfrs. List No.	Order Code	5+	100+	1K+	5K+
FMMT491	516-910				
FMMT491A	707-880				
FMMT493	506-497				
FMMT495	302-7028				
FMMT589	707-910				
FMMT591	516-922				
FMMT591A	707-922				
FMMT593	506-503				
FMMT596	302-7030				
FMMT634	301-4710				
FMMT734	301-4721				
FMMTL618	301-4630				
FMMTL619	301-4642				
FMMTL717	302-7041				
FMMTL718	301-4654				
FMMTL720	302-7053				

Low Power Bipolar Transistors – Leaded (P_{tot} to 1.0W)

TO-1, TO-18 General Purpose Amplifiers/Switches

V _{CEO} V	V _{CB0} max. V	I _c A	f _{FE} min. @	I _c mA	f _T min. MHz	P _{tot} mW	Package	Mfr.	Mfrs. List No. NPN	Mfrs. List No. PNP
16	32	1.0	45	2	1	267	TO-1	—	—	AC128
20	30	0.1	110	2	150	600	TO-18(a)	MC	BC108	—
20	30	0.1	110	2	300*	300	TO-18(a)	ST	BC108	—
20	30	0.1	120	2	150	300	TO-18(a)	ZET	BC108A	—
20	30	0.1	110	2	150	600	TO-18(a)	MC	BC108B	—
20	30	0.1	200	2	150	600	TO-18(a)	MC	BC108C	—
20	30	0.1	420	2	150	300	TO-18(a)	ST	BC108C	—
25	40	0.2	60	50	100	360	TO-18(a)	—	—	2N3702
45	50	0.1	120	2	200	600	TO-18(a)	MC	—	BC177
45	50	0.1	70	2	150	300	TO-18(a)	ST	—	BC177
45	50	0.1	110	2	150	600	TO-18(a)	MC	BC107	—
45	50	0.1	110	2	300*	300	TO-18(a)	ST	BC107	—
45	50	0.1	110	2	150	600	TO-18(a)	MC	BC107A	—
45	50	0.1	180	2	200	600	TO-18(a)	MC	—	BC177B
45	50	0.1	180	2	150	300	TO-18(a)	ST	—	BC177B
45	50	0.1	200	2	150	600	TO-18(a)	MC	BC107B	—
80	90	0.15	50	2	100	360	TO-18(a)	MC	—	BC477

SD8

Order Multiple=1		Price Each				
Mfrs. List No.	Order Code	1+	25+	100+	1K+	3K+
AC128	356-256					
Order Multiple=5		5+	25+	100+	1K+	3K+
BC107 (MC)	301-0417					
BC107 (ST)	356-270					
BC107A	301-0429					
BC107B	301-0430					
BC108 (MC)	301-0399					
BC108 (ST)	356-335 †					
BC108A	356-347					
BC108B	301-0405					
BC108C (MC)	301-0478					
BC108C (ST)	356-372					
BC177 (MC)	301-0480					
BC177 (ST)	356-438					
BC177B (MC)	301-0491					
BC177B (ST)	356-451					
BC477 (MC)	301-0508					
2N3702	358-721					

† Available until stocks are exhausted

TO-5, TO-39 General Purpose Amplifiers/Switches

V _{CEO} V	V _{CB0} max. V	I _c A	f _{FE} min. @	I _c mA	f _T min. MHz	P _{tot} mW	Package	Mfr.	Mfrs. List No. NPN	Mfrs. List No. PNP
20	40	1.0	60	150	50	800	TO-5	—	BFY52	—
30	60	1.0	40	150	50	800	TO-5	ST	BFY51	—
35	80	1.0	30	150	60	800	TO-5	ST	BFY50	—
50	75	0.5	100	150	70	800	TO-5	ST	2N1711	—
75	75	1.0	85	100	100	800	TO-5	—	—	BFX40
80	120	0.5	40	150	50	800	TO-5	ST	2N1893	—
80	80	1.0	100	100	150	800	TO-39	ST	—	2N4033

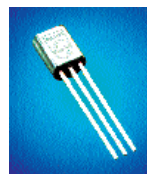
SD15

Order Multiple=5		Price Each				
Mfrs. List No.	Order Code	5+	25+	100+	1K+	3K+
BFX40	357-509					
BFY50	357-560					
BFY51	357-571					
BFY52	357-583					
2N1711	358-447					
2N1893	358-459					
2N4033	358-873					

TO-92 General Purpose Amplifiers/Switches

NPN/PNP

Philips Semiconductors



TO-92 (SOT-54)

V _{CEO} V	V _{CB0} max. V	I _c A	f _{FE} min. @	I _c mA	f _T min. (typ. *) MHz	P _{tot} mW	Mfrs. List No.
NPN							
25	30	0.5	100	100	200*	800	BC338
30	30	0.1	420	2	300*	500	BC548C
40	75	0.6	100	150	300	500	PH2222A
40	75	0.6	100	150	300	500	PN2222A
45	50	0.1	110	2	300*	500	BC547
45	50	0.1	200	2	300*	500	BC547B
45	50	0.1	420	2	100	500	BC550C
45	50	0.5	100	100	200*	800	BC337
60	60	1.0	100	150	100	830	BC637-16
65	80	0.1	110	2	300*	500	BC546
PNP							
30	30	0.1	220	2	200*	500	BC558B
30	30	0.1	420	2	100	500	BC559C
45	50	0.1	75	2	200*	500	BC557
45	50	0.1	420	2	100	500	BC557C
45	50	0.5	100	100	100*	800	BC327
45	50	0.5	250	100	80	625	BC327-40
60	60	0.6	100	150	200	500	PH2907A
65	80	0.1	75	2	200*	500	BC556
65	80	0.1	125	2	100	500	BC556A

SD82

Order Multiple=5		Price Each				
Mfrs. List No.	Order Code	5+	25+	100+	1K+	3K+
BC327	356-943					
BC327-40	316-4445					
BC337	356-967					
BC338	356-979					
BC546	357-042					
BC547	357-054					
BC547B	234-291					
BC548C	234-321 †					
BC550C	316-3246					
BC556	357-145					
BC556A	316-4457					
BC557	357-157					
BC557C	316-4469					
BC558B	234-345 †					
BC559C	300-0643					
BC637-16	316-3258					
PH2222A	316-3271					
PH2907A	316-4482					
PN2222A	316-4433					

† Available until stocks are exhausted