

Low Power Bipolar Transistors D Leaded (Ptot to 10W) - continued

TO-92 General Purpose Amplifiers/Switches - continued
 20V to 300V NPN/PNP - continued

V _{CEO}	V _{CE0} max.	I _C	h _{FE}	I _C	f _T min (typ.*)	P _{tot}		Mfrs.
45	50	0.5	100	100	60	800	f MC	NPN TBC337
45	50	0.8	160	100	60	625	d MC	NPN TBC337.25
45	50	0.1	200	2	200	625	d MC	NPN TBC547B
45	50	0.1	120	2	75	625	d ON	PNP BC557A
45	50	0.1	75	2	75	625	d MC	PNP BC557.
45	50	0.1	180	2	75	625	d ON/MC	PNP BC557B
45	50	0.1	200	2	280*	350	d ON	PNP BC307B
45	50	0.5	100	100	100*	800	f FCH	PNP BC327
45	50	0.8	160	100	60	625	d ON/MC	PNP BC327-25
45	50	1	100	100	—	625	f FCH	PNP BC327-16
45	45	1.5	40	150	50*	1000	f FCH	PNP BC636
45	50	0.1	200	2	200	350	d ON/MC	NPN BC237B
45	50	0.1	200	2	200	350	d MC	NPN BC237B
45	50	0.1	200	2	200	350	d ON	NPN BC237BG
45	50	0.5	100	100	800	f FCH	NPN BC337..	
45	50	0.8	100	100	60	625	f ON	NPN BC337
45	50	0.5	100	100	60	800	f MC	NPN BC337
45	50	0.5	100	100	800	f FCH	NPN BC337	
45	50	0.8	100	100	60	625	f ON	NPN BC337ZL1G
45	50	1	100	100	625	b FCH	NPN BC337-16.	
45	50	1	100	100	625	d MC	NPN BC337-16	
45	50	1	100	100	625	b FCH	NPN BC337-16	
45	50	0.8	160	100	60	625	d ON	NPN BC337-25
45	50	0.8	160	100	60	625	d ON	NPN BC337-25ZL1G
45	50	0.8	160	100	60	625	d MC	NPN BC337.25
45	50	0.8	250	100	100	625	d ON	NPN BC337-40
45	50	0.8	250	100	100	625	d ON	NPN BC337-40ZL1G
45	50	0.1	200	2	200	500	f FCH	NPN BC547B.
45	50	0.1	200	2	200	625	d ON	NPN BC547B
45	50	0.1	200	2	500	f FCH	NPN BC547B	
45	50	0.1	200	2	200	625	d ON	NPN BC547B
45	50	0.1	200	2	200	625	d ON	NPN BC547BZL1G
45	50	0.1	420	2	200	625	d ON	NPN BC547C
45	50	0.1	420	2	200	625	d ON	NPN BC547CZL1G
50	60	0.1	120	2	120	350	d MC	NPN TBC182B
50	60	0.2	125	2	150	625	a MC	NPN TBC182L
50	60	0.2	240	2	150	625	a FCH	NPN BC182LB
50	60	0.15	70	2	80	400	a TOSH	NPN 2SC1815
50	60	0.2	125	2	150	300	f FCH	NPN BC182.
50	60	0.2	125	2	150	300	f FCH	NPN BC182
50	60	0.1	120	2	150	350	d ON	NPN BC182
50	60	0.1	120	2	150	350	d MC	NPN BC182
50	60	0.2	240	2	150	625	f FCH	NPN BC182B
50	60	0.1	120	2	120	350	d ON	NPN BC182B
50	60	0.1	120	2	120	350	d ON	NPN BC182BRL1G
50	60	0.1	120	2	150	350	d ON	NPN BC182G
50	60	0.2	125	2	150	625	f FCH	NPN BC182L.
50	60	0.2	125	2	150	625	a MC	NPN BC182L
50	60	0.2	240	2	150	625	a FCH	NPN BC182LB.
50	60	0.1	140	2	200	350	d ON	PNP BC212B
50	60	0.2	60	2	200	625	a FCH	PNP BC212L.
50	60	0.2	60	2	200	625	f FCH	PNP BC212
50	60	0.2	200	2	200	625	a FCH	PNP BC212LB
50	60	0.2	200	2	200	625	f FCH	PNP BC212B
60	60	0.6	100	10	200*	625	d ON	PNP MPS2907A
65	80	0.1	125	2	100	500		PNP BC556
65	80	0.1	200	2	100	500		PNP BC547B
65	80	0.1	75	2	200*	500	f FCH	PNP BC556
65	80	0.1	180	2	150	625	d ON	PNP BC556B
65	80	0.1	110	2	500	f FCH	NPN BC546.	
65	80	0.1	110	2	500	f FCH	NPN BC546	
65	80	0.1	200	2	150	625	d ON	PNP BC546B
65	80	0.1	200	2	150	625	d ON	PNP BC546BZL1G
80	100	1.5	40	150	130	625	a FCH/MC	PNP BC640.
80	100	1.5	40	150		625	a FCH	NPN BC639..
80	80	0.5	50	100	100	625	b MC	NPN MPSA06
80	80	0.5	50	100	100	625	b MC	NPN TMPSA06
80	140	1.5	140	100	50	900	ST	NPN STX715
80	80	0.5	50	100	100	625	b MC	NPN TMPSA06
100	100	2	20	1000	—	800	a BNS	PNP TIPP32C
100	100	2	20	1000	—	800	a BNS	PNP TIPP31C
150	160	0.6	60	10	100	625	b FCH	NPN 2N5401
160	180	0.6	80	10	100	350	b FCH	NPN 2N5551
300	300	0.1	20	4	50	900	a TOSH	NPN 2SC2482

211145

Mfrs. List No.	Mfr.	Order Code	Price Each			
			5+	25+	100+	1K+
NPN						
BC182LB	FCH	101-7651	8.00	7.00	4.00	3.00
BC183	FCH	101-7653	8.00	7.00	4.00	3.00
BC183C	FCH	101-7655	12.00	9.00	7.00	5.00
BC183LC	FCH	101-7656	8.00	7.00	4.00	3.00
BC184C	FCH	101-7657	8.00	7.00	4.00	3.00
BC184L	FCH	101-7658	8.00	7.00	4.00	3.00
BC237BG	ON	955-6389	14.00	8.00	6.00	4.00
TBC237B	MC	920-7503	6.00	3.00	2.00	2.00
BC238	-	120-8595	19.00	13.00	9.00	5.00
BC337	PS	109-7286	8.00	6.00	5.00	4.00
BC337	FCH	101-7668	10.00	9.00	6.00	4.00
TBC337	MC	920-7520	6.00	6.00	4.00	2.00
BC337-16	FCH	101-7669	10.00	9.00	6.00	4.00
BC337ZL1G	ON	955-8446	19.00	12.00	8.00	5.00
TBC337.25	MC	920-7538	6.00	4.00	3.00	2.00
BC337-25ZL1G	ON	955-8497	22.00	13.00	8.00	5.00
BC337-40ZL1G	ON	955-8675	16.00	10.00	6.00	4.00
BC546	FCH	101-7672	10.00	8.00	6.00	4.00
BC546BZL1G	ON	955-8551	15.00	9.00	6.00	4.00
BC547B	FCH	993-5126	4.00	3.00	2.00	2.00
BC547	PS	109-7287	6.00	5.00	4.00	3.00
BC547B	PS	109-7288	6.00	5.00	4.00	3.00
BC547B	FCH	101-7673	9.00	8.00	6.00	4.00
BC547BZL1G	ON	955-8560	15.00	9.00	6.00	4.00
BC547CZL1G	ON	955-8578	15.00	9.00	6.00	4.00
BC548BZL1G	ON	955-8586	15.00	9.00	6.00	4.00
BC548CZL1G	ON	955-8594	15.00	9.00	6.00	4.00
BC550C	PS	109-7289	8.00	7.00	5.00	4.00
MPS2222AG	ON	955-6842	15.00	9.00	6.00	4.00
TMPSA06	MC	920-7600	26.00	20.00	14.00	8.00
TBC237B	MC	920-7503	6.00	3.00	2.00	2.00
TBC337	MC	920-7520	6.00	6.00	4.00	2.00
TBC337.25	MC	920-7538	6.00	4.00	3.00	2.00
TBC547B	MC	920-7546	4.00	2.00	2.00	2.00
TMPSA06	MC	920-7600	26.00	20.00	14.00	8.00
PNP						
2N3906	ON	993-5100	4.00	3.00	2.00	2.00
T2N4403	MC	920-7473	9.00	7.00	5.00	3.00
BC212	FCH	101-7659	8.00	7.00	4.00	3.00
BC327-40		108-1218	8.00	6.00	5.00	4.00
BC212BRL1G	ON	955-8470	4.00	3.00	2.00	2.00
BC307BG	ON	955-6397	5.00	4.00	3.00	2.00
BC327	FCH	984-6875	10.00	8.00	5.00	4.00
BC327		109-7285	8.00	6.00	5.00	4.00
BC327-25ZL1G	ON	955-8489	6.00	4.00	3.00	2.00
TBC327.25	MC	920-7511	6.00	4.00	3.00	2.00
BC556BZL1G	ON	955-8500	5.00	4.00	3.00	2.00
BC556		109-7290	6.00	5.00	4.00	3.00
BC557AZL1G	ON	955-8519	4.00	3.00	2.00	1.00
BC557		109-7291	6.00	5.00	4.00	3.00
BC557C		109-7292	6.00	5.00	4.00	3.00
BC557BZL1G	ON	955-8527	5.00	4.00	3.00	2.00
TBC557B	MC	920-7562	4.00	3.00	2.00	2.00
TBC640	MC	920-7589	9.00	6.00	3.00	3.00
2N5401	FCH	984-6867	18.00	15.00	10.00	7.00

High Speed Switching



TO-5 TO-39 TO-92 (b) TO-18



E-Line

Fast switching devices exhibiting short turn-off and low saturation voltage characteristics.

V _{CEO} max.	I _C max.	V _{CE(sat)} max.	t _{off} max. @	I _C max.	h _{FE} min.	I _C max.	P _{tot} @ 25°C	Package and Pin Out	Mfr.	Mfrs. List No.	
15	0.2	0.2	10	18	10	40	10	360	TO-18	MC	2N2369A
15	0.2	0.25	10	18	10	40	10	360	TO-18	MC	2N2369
15	0.2	0.25	10	18	10	40	10	360	TO-18	MC	2N2369
15	0.5	0.6	100	21	100	40	10	360	TO-18	MC	BSX20
30	0.8	0.4	150	—	—	100	150	500	TO-18	MC	2N2222MC
40	0.2	0.2	10	250	10	100	10	500	TO-92	MTEC/MC	2N3904
40	0.2	0.2	10	250	10	100	10	500	TO-92	FCH/=2,6665	2N3904
40	0.2	0.2	10	250	10	100	10	500	TO-92	ON	2N3904ZL1G
40	0.6	0.4	1	255	150	40	1	625	TO-92	ON/MC	2N4401G
40	0.8	0.3	150	60	150	100	150	800	TO-5	ST	2N2219A
40	0.8	0.3	150	60	150	100	150	400	TO-18	ST/MC	2N2222A
45	1	0.7	500	100	500	25	500	800	TO-39	MTEC	BSX61
60	4.5	0.21	5000	760	100	55	5	710	E-Line	ZET	ZX5T851A
60	5	1.0	5000	1200	5000	40	2000	870	TO-39	MTEC	BSV64