

		5+	25+	100+	1K+	+
BC108B	920-6744	45.00	29.00	22.00	14.00	--
BC108C (MC)	920-6817	44.00	28.00	22.00	14.00	--
BC177 (MC)	920-6825	55.00	34.00	24.00	16.00	--
BC177B (MC)	920-6833	59.00	35.00	25.00	16.00	--
BC477	920-6841	69.00	42.00	30.00	20.00	--

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



V <sub>CEO</sub> V	V <sub>CB0</sub> max. V	I <sub>C</sub> A	h <sub>FE</sub> min.	@	I <sub>C</sub> mA	f <sub>T</sub> min. MHz	P <sub>tot</sub> mW	Package	Mfr.	Mfrs. List No.	NPN	PNP
40	80	1.0	100		100	50	800	TO-39	MC	BC140-16	—	—
80	80	1	100		100	150	800	TO-39	MC	2N4033	—	—
35	80	1	30		150	60	800	TO-5	ST	BFY50	—	—
30	60	1	40		150	50	800	TO-5	ST	BFY51	—	—
80	120	0.5	40		150	50	800	TO-39	ST	2N1893	—	—
80	80	1	100		100	150	800	TO-39	ST	2N4033	—	—
80	80	1	100		100	150	800	TO-39	MC	—	2N4033	—
40	40	1.0	100		100	50	800	TO-39	MC	—	BC160-16	—
60	60	1.0	100		100	50	800	TO-39	MC	—	BC161-16	—
80	80	1	100		100	150	800	TO-39	ST	—	2N4033	—

211109

Mfrs. List No.	Order Code	1+	10+	100+	1K+	+
BC161-16	920-7694	34.00	26.00	22.00	21.00	--
BC141-16	920-7678	34.00	26.00	22.00	21.00	--
BFY50	980-1596	115.00	88.00	65.00	50.00	--
BFY51	994-6640	115.00	88.00	65.00	50.00	--
BFY52	120-8599	56.00	40.00	32.00	27.00	--
2N1893	101-5768	73.00	56.00	41.00	32.00	--
2N4033	920-7058	107.00	66.00	51.00	33.00	--
BC160-16	920-7686	33.00	25.00	22.00	20.00	--
BC161-16	920-7694	34.00	26.00	22.00	21.00	--
BFY50	980-1596	115.00	88.00	65.00	50.00	--

General Purpose Amplifiers/Switches

TO-92, NPN



TO-92 (a,b,d - straight legs)



TO-92 (f - preformed legs)

V <sub>CEO</sub> V	V <sub>CB0</sub> max. V	I <sub>C</sub> A	h <sub>FE</sub> min.	@	I <sub>C</sub> mA	f <sub>T</sub> min. (typ.)* MHz	P <sub>tot</sub> mW	Package	Package	Mfr.	Mfrs. List No.
50	60	0.2	125		2	150	625	TO-92	f	FCH	BC182L
50	60	0.2	240		2	150	625	TO-92	a	FCH	BC182LB
30	45	0.2	125		2	150	625	TO-92	f	FCH	BC183
30	45	0.2	450		2	150	625	TO-92	f	FCH	BC183C
30	45	0.2	450		2	150	625	TO-92	a	FCH	BC183LC
30	45	0.2	450		2	150	625	TO-92	f	FCH	BC184C
30	45	0.2	240		2	150	625	TO-92	f	FCH	BC184L
45	50	0.1	200		2	200	350	TO-92	d	ON	BC237BG
20	30	0.1	125		2	150	300	TO-92	f	-	BC238
30	50	0.8	100		50	100	360	TO-92	a	-	2N3704
30	50	0.8	50		50	100	625	TO-92	a	-	2N3705
160	180	0.6	80		10	100	350	TO-92	b	FCH	2N5551
45	50	0.5	100		100	800	800	TO-92	f	FCH	BC337
45	50	0.1	200		2	500	500	TO-92	f	FCH	BC547B
45	50	1	100		100	625	625	TO-92	b	FCH	BC337-16
65	80	0.1	110		2	500	500	TO-92	f	FCH	BC546
40	75	0.6	100		150	300	625	TO-92	b	ON	MPS2222AG
45	50	0.8	100		100	60	625	TO-92	f	ON	BC337ZL1G
50	60	0.1	120		2	120	350	TO-92	a	ON	BC182BRL1G
50	60	0.1	120		2	150	350	TO-92	d	ON	BC182G
45	50	0.8	160		100	60	625	TO-92	d	ON	BC337-25ZL1G
65	80	0.1	200		2	150	625	TO-92	d	ON	BC546BZL1G
45	50	0.1	200		2	200	625	TO-92	d	ON	BC547BZL1G
45	50	0.1	420		2	200	625	TO-92	d	ON	BC547CZL1G
30	30	0.1	200		2	200	625	TO-92	d	ON	BC548BZL1G
30	30	0.1	420		2	200	625	TO-92	d	ON	BC548CZL1G
45	50	0.8	250		100	100	625	TO-92	d	ON	BC337-40ZL1G
50	60	0.15	70		2	80	400	TO-92	a	TOSH	2SC1815-Y
30	50	0.8	50		50	100	625	TO-92	a	MC	T2N3705
50	60	0.1	120		2	120	350	TO-92	d	MC	TBC182B
50	60	0.2	125		2	150	625	TO-92	a	MC	TBC182L
45	50	0.1	200		2	200	350	TO-92	d	MC	TBC237B
45	50	0.5	100		100	60	800	TO-92	f	MC	TBC337
45	50	0.8	160		100	60	625	TO-92	d	MC	TBC337.25
45	50	0.1	200		2	200	625	TO-92	d	MC	TBC547B
80	80	0.5	50		100	100	625	TO-92	b	MC	TMPSA06
30	50	0.8	100		50	100	360	TO-92	a	MC	T2N3704

211125

Mfrs. List No.	Mfr.	Order Code	1+	25+	100+	250+
BC182L	FCH	101-7650	12.00	9.00	7.00	5.00
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
BC238	-	120-8595	19.00	13.00	9.00	5.00
2N3704	-	120-8605	16.00	11.00	9.00	7.00
2N3705	-	120-8606	21.00	14.00	10.00	6.00
2N5551	FCH	984-6751	18.00	15.00	10.00	7.00
BC337	FCH	101-7668	10.00	9.00	6.00	4.00
BC547B	FCH	101-7673	9.00	8.00	6.00	4.00
BC337-16	FCH	101-7669	10.00	9.00	6.00	4.00
BC546	FCH	101-7672	10.00	8.00	6.00	4.00
MPS2222AG	ON	955-6842	15.00	9.00	6.00	4.00
BC337ZL1G	ON	955-8446	19.00	12.00	8.00	5.00
BC182BRL1G	ON	955-8454	14.00	8.00	6.00	4.00
BC182G	ON	955-8462	14.00	8.00	6.00	4.00
BC337-25ZL1G	ON	955-8497	22.00	13.00	8.00	5.00
BC546BZL1G	ON	955-8551	15.00	9.00	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
BC337-40ZL1G	ON	955-8675	16.00	10.00	6.00	4.00
2SC1815-Y	TOSH	121-3347	19.00	11.00	11.00	10.00
T2N3705	MC	920-7430	6.00	6.00	4.00	3.00
TBC182B	MC	920-7481	6.00	3.00	2.00	2.00
TBC182L	MC	920-7490	7.00	6.00	3.00	2.00
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
T2N3704	MC	920-7651	6.00	6.00	4.00	3.00

TO-92 General Purpose Amplifiers/Switches

20V to 300V NPN/PNP

ON Semiconductor



multicomp

PHILIPS



TOSHIBA



TO-92 (a,b,d - straight legs)



TO-92 (f - preformed legs)

V <sub>CEO</sub> V	V <sub>CB0</sub> max. V	I <sub>C</sub> A	h <sub>FE</sub> min.	@	I <sub>C</sub> mA	f <sub>T</sub> min. (typ.)* MHz	P <sub>tot</sub> mW	Pin Out	Mfr.	Polarity	Mfrs. List No.
20	30	0.1	125		2	150	300	f	-	NPN	BC238.
25	25	0.2	120		2	250	625	b	FCH	PNP	2N4126
25	30	0.2	120		2	300	625	b	FCH/ON	NPN	2N4124
30	30	0.1	200		2	200	625	d	ON	NPN	BC548B
30	30	0.1	200		2	200	625	d	ON	NPN	BC548BZL1G
30	30	0.1	420		2	200	625	d	ON	NPN	BC548C
30	30	0.1	420		2	200	625	d	ON	NPN	BC548CZL1G
30	45	0.2	80		2	200	625				