

0.3A to 60A

I_c (av) max. A	V_{CE0} max. V	h_{FE} @ min.	I_c @ A	P_{tot} @ 25°C W	Package	Mfr.	Mfrs. List No. NPN	Mfrs. List No. PNP
0.3	30	10000	0.1	0.625	TO-92(b)	FCH	MPSA13	MPSA63
0.5	30	10000	0.1	0.625	TO-92(b)	ON	MPSA13	—
0.3	30	10000	0.1	0.75	TO-92(e)	ZET	MPSA13	—
0.3	60	20000	0.1	0.75	TO-92(e)	ZET	MPSA14	—
0.4	30	30000	0.02	0.6	TO-92(f)	FCH	BC517	BC516
0.5	50	10000	0.1	0.625	TO-92(b)	ON	MPSA27	—
0.5	100	10000	0.1	0.625	TO-92(b)	ON	MPSA29	—
0.8	60	1000	0.5	1.0	TO-92(e)	ZET	BCX38A	—
0.8	60	4000	0.5	1.0	TO-92(e)	ZET	BCX38B	—
0.8	60	10000	0.5	1.0	TO-92(e)	ZET	BCX38C	ZTX712
0.8	100	10000	0.5	1.0	TO-92(e)	ZET	ZTX614	—
1.0	30	30000	0.02	0.625	TO-92(d)	ON	BC517	—
1.0	45	2000	0.5	0.8	TO-92(h)	PS	BSR50	—
1.0	45	2000	0.5	5.0	TO-126	PS	BDX42	—
1.0	80	2000	0.5	5.0	TO-126	PS	BDX44	—
1.0	80	2000	1.0	1.0	TO-92(e)	ZET	ZTX603	—
1.0	80	1000	0.1	0.625	TO-92(b)	ON	BC373	—
1.0	100	3000	1.0	1.0	TO-92(e)	ZET	—	ZTX704
1.0	120	2000	1.0	1.0	TO-92(e)	ZET	ZTX605	—
1.0	120	3000	1.0	1.0	TO-92(e)	ZET	—	ZTX705
1.0	140	2000	0.5	1.0	TO-92(e)	ZET	ZTX600	—
1.0	140	10000	0.5	1.0	TO-92(e)	ZET	ZTX600B	—
2.0	60	1000	1.0	0.8	TO-92(a)	PI	TIPP110	TIPP115
2.0	60	1000	1.0	50.0	TO-220	ST	TIP110	TIP115
2.0	80	1000	1.0	0.8	TO-92(a)	PI	TIPP111	TIPP116
2.0	100	1000	1.0	0.8	TO-92(a)	PI	TIPP112	TIPP117
2.0	100	1000	1.0	50.0	TO-220	ON	TIP112	TIP117
2.0	100	1000	1.0	50.0	TO-220	ST	TIP112	TIP117
4.0	45	750	1.5	40.0	TO-126	ON	BD675	BD676
4.0	45	750	2.0	40.0	TO-126	ON	BD675A	—
4.0	60	750	1.5	40.0	TO-126	ON/ST	BD677	BD678
4.0	60	750	1.5	40.0	TO-126	ST	BD679	BD680
4.0	60	750	1.5	40.0	TO-126	ON/ST	BD681	BD682
4.0	60	750	2.0	40.0	TO-126	ON	BD677A	BD678A
4.0	80	750	1.5	50.0	TO-220	ON	MJE802	MJE702
4.0	80	750	2.0	40.0	TO-126	ON	BD679A	BD680A
5.0	60	1000	3.0	65.0	TO-220	ST	TIP120	TIP125
5.0	80	1000	3.0	65.0	TO-220	PI/ST	TIP121	TIP126
5.0	100	1000	3.0	65.0	TO-220	ON/ST	TIP122	TIP127
7.0	300	150	2.5	80.0	TO-220	PI	TIP150	—
8.0	60	750	3.0	62.5	TO-220	SEM	BD645	BD646
8.0	60	1000	4.0	70.0	TO-220	—	—	TIP135
8.0	80	750	3.0	60.0	TO-220	ST	BDX53B	BDX54B
8.0	80	750	3.0	62.5	TO-220	SEM	BD647	BD648
8.0	80	750	4.0	100.0	TO-3	ON	2N6056	—
8.0	80	1000	4.0	70.0	TO-220	—	—	TIP136
8.0	80	1000	3.0	90.0	TO-3	—	—	BDX62A
8.0	100	750	3.0	60.0	TO-220	ON/ST	BDX53C	BDX54C
8.0	100	750	3.0	62.5	TO-220	SEM	BD649	BD650
8.0	100	1000	3.0	2.0	TO-221	ON	TIP102	TIP107
8.0	100	1000	4.0	70.0	TO-220	—	TIP132	TIP137
8.0	150	375	4.0	60.0	TO-220	ST	BU807	—
8.0	200	375	4.0	60.0	TO-220	ST	BU806	—
8.0	400	200	4.0	80.0	TO-220	ON	MJE5742	—
10.0	60	1000	5.0	125.0	SOT-93	PI	TIP140	—
10.0	80	750	4.0	70.0	TO-220	ON/ST	BDX33B	BDX34B
10.0	80	1000	3.0	90.0	TO-220	SEM	BDT63A	BDT62A
10.0	80	1000	5.0	150.0	TO-3	ON	MJ3001	MJ2501
10.0	80	1000	5.0	40.0	TO-220	ST	2N6388	—
10.0	80	1000	5.0	125.0	SOT-93	PI	TIP141	TIP146
10.0	80	1000	5.0	150.0	TO-3	ST	MJ3001	MJ2501
10.0	100	750	4.0	70.0	TO-220	ON/ST	BDX33C	BDX34C
10.0	100	1000	3.0	90.0	TO-220	SEM	BDT63B	BDT62B
10.0	100	1000	5.0	125.0	SOT-93	PI	TIP142	TIP147
10.0	120	1000	3.0	90.0	TO-220	SEM	BDT63C	BDT62C
10.0	380	200	4.0	125.0	SOT-93	PI	TIP162	—
10.0	400	300	3.0	175.0	TO-3	SEM	MJ10012	—
12.0	80	750	5.0	80.0	TO-220	ST	—	BDW94B
12.0	80	750	6.0	150.0	TO-3	ON	2N6058	—
12.0	80	1000	5.0	125.0	TO-220	SEM	BDT65A	BDT64A
12.0	80	1000	5.0	125.0	SOT-93	SEM	BDV65A	BDV64A
12.0	100	750	5.0	80.0	TO-220	ST	BDW93C	BDW94C
12.0	100	750	6.0	150.0	TO-3	ON	2N6059	2N6052
12.0	100	750	6.0	150.0	TO-3	ST	2N6059	—
12.0	100	1000	5.0	125.0	SOT-93	SEM	BDV65B	BDV64B
12.0	120	1000	5.0	125.0	TO-220	SEM	BDT65C	BDT64C
12.0	120	1000	5.0	125.0	SOT-93	SEM	BDV65C	BDV64C
15.0	80	1000	5.0	85.0	TO-220	ON	BDW46	—
15.0	100	1000	5.0	85.0	TO-220	ON	BDW42	BDW47
15.0	250	400	10.0	150.0	TO-218	ON	MJH11022	—
16.0	100	1000	10.0	150.0	TO-3	ST	MJ4035	MJ4032
16.0	100	1000	10.0	200.0	SOT-93	SEM	BDV67A	BDV66A
16.0	100	1000	10.0	200.0	SOT-93	SEM	BDV67B	BDV66B
16.0	120	1000	10.0	150.0	TO-3	SEM	BDX67C	BDX66C
20.0	100	750	10.0	160.0	TO-218	ON	MJH6284	MJH6287
20.0	400	40	10.0	175.0	TO-3	—	MJ10005	—
25.0	100	1000	20.0	200.0	TO-3	—	BDX69B	—
30.0	120	1000	20.0	200.0	TO-3	ON	MJ11016	MJ11015
50.0	60	1000	25.0	300.0	TO-3	SEM	MJ11028	MJ11029
50.0	120	1000	25.0	300.0	TO-3	SEM	MJ11032	MJ11033
60.0	250	75	15.0	250.0	TO-3	ON	MJ10021	—
With emitter-base speed-up diode								
40.0	400	50	10.0	250.0	TO-3	ON	MJ10023	—
Auto-protected, with built-in 350V zener clamp								
10.0	350	500	5.0	150.0	TO-218	ON	BU323Z	—

FOR PACKAGE AND PIN OUT DETAILS, SEE PAGE XXX

SD34 / SD34A

Order Multiple=5

Mfrs. List No.	Order Code	5+	25+	100+	1K+	5K+
BC373	NEW 352-5454					
BC516	.434-802					
BC517 (FCH)	.434-814					
BC517 (ON)	933-715					
BCX38A	.425-473					
BCX38B	.425-485					
BCX38C	.425-497					

Order Multiple=1

Mfrs. List No.	Order Code	1+	25+	100+	500+	1K+
BD645	290-464					
BD646	290-476					
BD647	290-488					
BD648	290-490					
BD649	.290-506					
BD650	.290-518					
BD675	931-159					
BD675A	NEW 352-6185					
BD676	931-160					
BD677 (ON)	931-172					
BD677 (ST)	425-588					
BD677A	931-184					
BD678 (ON)	931-196					
BD678 (ST)	425-590					
BD678A	931-202					
BD679	.425-606					
BD679A	931-214					
BD680	.425-618					
BD680A	931-226					
BD681 (ON)	931-238					
BD681 (ST)	425-620					
BD682 (ON)	931-240					
BD682 (ST)	425-631					
BDT62A	290-531					
BDT62B	290-543					
BDT62C	290-555					
BDT63A	290-567					
BDT63B	290-579					
BDT63C	290-580					
BDT64A	290-592					
BDT64C	290-609					
BDT65A	290-610					
BDT65C	290-622					
BDV64A	.290-683					
BDV64B	.290-695					
BDV64C	.290-701					
BDV65A	.290-713					
BDV65B	.290-725					
BDV65C	.290-737					
BDV66A	290-749					
BDV66B	290-750					
BDV67A	290-762					
BDV67B	290-774					
BDW42	682-445					
BDW46	NEW 352-6197					
BDW47	682-457					
BDW93C	.425-916					
BDW94B	.425-941					
BDW94C	.425-953					
BDX33B (ON)	.931-251					
BDX33B (ST)	425-989					
BDX33C (ON)	.931-263					
BDX33C (ST)	425-990					
BDX34B (ON)	.931-275					
BDX34B (ST)	426-003					
BDX34C (ON)	.931-287					
BDX34C (ST)	426-015					
BDX42	426-027					
BDX44	741-530					
BDX53B	.426-064					
BDX53C (ON)	.931-299					
BDX53C (ST)	426-076					
BDX54B	.426-106					
BDX54C	931-305					
BDX66C	260-496					
BDX67C	260-502					
BDX69B	426-258 †					
BSR50	426-260					
BU323Z	.300-4119					
BU806	.426-325					
BU807	.426-337					
MJ2501 (ON)	233-2322					
MJ2501 (ST)	.426-416					
MJ3001 (ON)	300-4922					
MJ3001 (ST)	.426-430					
MJ4032	260-411					
MJ4035	260-423					
MJ10005	426-489					
MJ10012	431-163					</