

# SILICON SMALL SIGNAL DEVICES

## QUICK REFERENCE CHART

### PLASTIC PACKAGES

#### NPN IF/RF TRANSISTORS

Si No	Device	V <sub>CEO</sub> Volts min	V <sub>CBO</sub> Volts min	V <sub>EBO</sub> Volts min	h <sub>FE</sub> at bias min./max.	I <sub>C</sub> mA	V <sub>CE</sub> Volts	I <sub>CM</sub> mA max	P <sub>tot</sub> mW max	I <sub>CBO</sub> μA typ	V <sub>CE</sub> (Sat) Volts typ	f <sub>T</sub> MHz typ	C <sub>ob</sub> pF typ	t <sub>s</sub> ns typ	N <sub>F</sub> dB typ	Package
1.	BF 494	20	30	5	70/200	1	10	30	300	.05	—	260	1.5	—	4	TO 92
2.	BF 494A	20	30	5	200/400	1	10	30	300	.05	—	260	1.5	—	4	"
3.	BF 494B	20	30	5	110/200	1	10	30	300	.05	—	260	1.5	—	4	"
4.	BF 495	20	30	5	38/110	1	10	30	300	.05	—	200	1.5	—	4	"
5.	BF 495C	20	30	5	70/110	1	10	30	300	.05	—	200	1.5	—	4	"
6.	BF 495D	20	30	5	38/70	1	10	30	300	.05	—	200	1.5	—	4	"

#### NPN LOW FREQUENCY TRANSISTORS

7.	BC 547	45	50	6	110/450	2	5	200	500	.05	.6	300	—	—	4	TO 92
8.	BC 547A	45	50	6	110/220	2	5	200	500	.05	.6	300	—	—	4	"
9.	BC 547B	45	50	6	200/450	2	5	200	500	.05	.6	300	—	—	4	"
10.	BC 548	20	30	5	110/800	2	5	200	500	.05	.6	300	—	—	4	"
11.	BC 548A	20	30	5	110/220	2	5	200	500	.05	.6	300	—	—	4	"
12.	BC 548B	20	30	5	200/450	2	5	200	500	.05	.6	300	—	—	4	"
13.	BC 548C	20	30	5	420/800	2	5	200	500	.05	.6	300	—	—	4	"
14.	BC 549	20	30	5	200/800	2	5	200	500	.05	.6	300	—	—	2	"
15.	BC 549B	20	30	5	200/450	2	5	200	500	.05	.6	300	—	—	2	"
16.	BC 549C	20	30	5	420/800	2	5	200	500	.05	.6	300	—	—	2	"

#### PNP LOW FREQUENCY TRANSISTORS

17.	BC 557	45	50	5	75/475	2	5	200	500	.05	.25	150	—	—	—	TO 92
18.	BC 557A	45	50	5	125/250	2	5	200	500	.05	.25	150	—	—	—	"
19.	BC 557B	45	50	5	220/475	2	5	200	500	.05	.25	150	—	—	—	"
20.	BC 558	30	30	5	75/475	2	5	200	500	.05	.25	150	—	—	—	"
21.	BC 558A	30	30	5	125/250	2	5	200	500	.05	.25	150	—	—	—	"
22.	BC 558B	30	30	5	220/475	2	5	200	500	.05	.25	150	—	—	—	"
23.	BC 559A	30	30	5	125/250	2	5	200	500	.05	.25	150	—	—	4	"
24.	BC 559B	30	30	5	220/475	2	5	200	500	.05	.25	150	—	—	4	"
25.	BC 559C	30	30	5	420/800	2	5	200	500	.05	.25	150	—	—	4	"

#### PNP L/F DRIVER/PRE-AMPLIFIERS

26.	BC 327	45	50	5	100/600	100	1	1000	625	.1	.7	100	10	—	—	TO 92
27.	BC 327-16	45	50	5	100/250	100	1	1000	625	.1	.7	100	10	—	—	"
28.	BC 327-25	45	50	5	160/400	100	1	1000	625	.1	.7	100	10	—	—	"
29.	BC 327-40	45	50	5	250/600	100	1	1000	625	.1	.7	100	10	—	—	"
30.	BC 328	25	30	5	100/600	100	1	1000	625	.1	.7	100	10	—	—	"
31.	BC 328-16	25	30	5	100/250	100	1	1000	625	.1	.7	100	10	—	—	"
32.	BC 328-25	25	30	5	160/400	100	1	1000	625	.1	.7	100	10	—	—	"
33.	BC 328-40	25	30	5	250/600	100	1	1000	625	.1	.7	100	10	—	—	"

#### NPN L/F DRIVER/PRE-AMPLIFIERS

34.	BC 337	45	50	5	100/600	100	1	1000	625	.1	.7	100	10	—	—	TO 92
35.	BC 337-16	45	50	5	100/250	100	1	1000	625	.1	.7	100	10	—	—	"
36.	BC 337-25	45	50	5	160/400	100	1	1000	625	.1	.7	100	10	—	—	"