

Surface Mount Devices

General Purpose Transistors (cont.)

| Type | Package | Ratings | | | h _{FE} | | V _{CE(sat)} | | f _T | Pinout See Section VII |
|--------------------|---------|-----------------------|-----------------------|----------------------|--|--------|---|----------|----------------|---------------------------------|
| | | V _{CEO} V | V _{CBO} V | I _C mA | min./max. at I _C /V _{CE} mA/V | | max. at I _C /I _B V mA/mA | | typ MHz | |
| NPN (cont.) | | | | | | | | | | |
| PMBTA05 | SOT-23 | 60 | 60 | 500 | 50/- | 100/1 | 0.25 | 100/10 | >100 | F |
| BCV71 | SOT-23 | 60 | 80 | 100 | 125/220 | 2/5 | 0.25 | 10/0.5 | 300 | F |
| BCV72 | SOT-23 | 60 | 80 | 100 | 200/450 | 2/5 | 0.25 | 10/0.5 | 300 | F |
| BC846A | SOT-23 | 65 | 80 | 200 | 125/220 | 2/5 | 0.25 | 10/0.5 | 300 | F |
| BC846B | SOT-23 | 65 | 80 | 200 | 200/450 | 2/5 | 0.25 | 10/0.5 | 300 | F |
| BC846W | SOT-323 | 65 | 80 | 200 | 125/500 | 2/5 | 0.25 | 10/0.5 | 300 | AC |
| BCP56 | SOT-223 | 80 | 100 | 1000 | 40/250 | 150/2 | 0.5 | 500/50 | 130 | R |
| BCX56 | SOT-89 | 80 | 100 | 1000 | 120/220 | 2/5 | 0.50 | 500/50 | 130 | F |
| PMBTA06 | SOT-23 | 80 | 80 | 100 | 50/- | 100/1 | 0.25 | 100/10 | >100 | F |
| PNP | | | | | | | | | | |
| BC869 | SOT-89 | 20 | 25 | 1000 | 85/375 | 500/1 | 0.50 | 100/100 | 60 | AE |
| BCP69 | SOT-223 | 20 | 25 | 1000 | 85/375 | 500/1 | 0.50 | 1000/100 | 60 | R |
| BCX18 | SOT-23 | 25 | - | 500 | 100/600 | 100/1 | 0.62 | 500/50 | 100 | F |
| BC808-16 | SOT-23 | 25 | 30 | 500 | 100/250 | 100/1 | 0.70 | 500/50 | 100 | F |
| BC808-25 | SOT-23 | 25 | 30 | 500 | 160/400 | 100/1 | 0.7 | 500/50 | 100 | F |
| BC808-40 | SOT-23 | 25 | 30 | 500 | 250/600 | 100/1 | 0.7 | 500/50 | 100 | F |
| BC808W | SOT-323 | 25 | 30 | 500 | 100/600 | 100/1 | 0.70 | 500/50 | 100 | AC |
| BC858W | SOT-323 | 30 | 30 | 100 | 75/900 | 2/5 | 0.30 | 10/0.5 | 150 | AC |
| BC859W | SOT-323 | 30 | 30 | 100 | 125/800 | 2/5 | 0.30 | 10/0.5 | 150 | AC |
| BC858A | SOT-23 | 30 | 30 | 100 | 125/250 | 2/5 | 0.30 | 10/0.5 | 150 | F |
| BC858B | SOT-23 | 30 | 30 | 100 | 220/475 | 2/5 | 0.3 | 10/0.5 | 150 | F |
| BC858C | SOT-23 | 30 | 30 | 100 | 420/800 | 2/5 | 0.3 | 10/0.5 | 150 | F |
| BCV62 | SOT-143 | 30 | 30 | 100 | 100/800 | 2/5 | 0.30 | 10/0.5 | 150 | G |
| BCW29 | SOT-23 | 32 | 32 | 100 | 120/260 | 2/5 | 0.30 | 10/0.5 | 150 | F |
| BCW30 | SOT-23 | 32 | 32 | 100 | 215/500 | 2/5 | 0.30 | 10/0.5 | 150 | F |
| BCW61A | SOT-23 | 32 | 32 | 200 | 120/200 | 2/5 | 0.25 | 10/0.5 | 180 | F |
| BCW61B | SOT-23 | 32 | 32 | 200 | 180/310 | 2/5 | 0.25 | 10/0.5 | 180 | F |
| BCW61C | SOT-23 | 32 | 32 | 200 | 250/460 | 2/5 | 0.25 | 10/0.5 | 180 | F |
| BCW61D | SOT-23 | 32 | 32 | 200 | 380/630 | 2/5 | 0.25 | 10/0.5 | 180 | F |
| PMBTA70 | SOT-23 | 40 | 40 | 100 | 40/100 | 5/10 | 0.25 | 10/1 | >125 | F |
| PMBT3906 | SOT-23 | 40 | 40 | 200 | 100/300 | 10/1 | 0.25 | 10/1 | >250 | F |
| PZT3906 | SOT-223 | 40 | 40 | 200 | 100/300 | 10/1 | 0.25 | 10/1 | >250 | R |
| PZT4403 | SOT-223 | 40 | 40 | 600 | 100/300 | 150/2 | 0.75 | 500/50 | 200 | R |
| PMBT4403 | SOT-23 | 40 | 40 | 600 | 100/300 | 150/2 | 0.40 | 150/5 | >200 | F |
| PXT3906 | SOT-89 | 40 | 40 | 200 | 100/300 | 10/1 | 0.25 | 10/1 | >250 | AE |
| PXT4403 | SOT-89 | 40 | 40 | 600 | 100/300 | 150/2 | 0.4 | 150/15 | >200 | AE |
| PMBT2907 | SOT-23 | 40 | 60 | 600 | 100/300 | 150/10 | 0.4 | 150/15 | >200 | F |
| BCP51 | SOT-223 | 45 | 45 | 1000 | 40/250 | 150/2 | 0.50 | 500/50 | 50 | R |
| BCX17 | SOT-23 | 45 | - | 500 | 100/600 | 100/1 | 0.62 | 500/50 | 100 | F |
| BCX51 | SOT-89 | 45 | 45 | 1000 | 40/250 | 150/2 | 0.50 | 500/50 | 50 | AE |
| BCX71G | SOT-23 | 45 | 45 | 200 | 120/220 | 2/5 | 0.25 | 10/0.5 | 180 | F |
| BCX71H | SOT-23 | 45 | 45 | 200 | 180/310 | 2/5 | 0.25 | 10/0.5 | 180 | F |
| BCX71J | SOT-23 | 45 | 45 | 200 | 250/460 | 2/5 | 0.25 | 10/0.5 | 180 | F |
| BCX71K | SOT-23 | 45 | 45 | 200 | 380/630 | 2/5 | 0.25 | 10/0.5 | 180 | F |
| BC807-16 | SOT-23 | 45 | 50 | 500 | 100/250 | 100/1 | 0.70 | 500/50 | 100 | F |
| BC807-25 | SOT-23 | 45 | 50 | 500 | 160/400 | 100/1 | 0.7 | 500/50 | 100 | F |
| BC807-40 | SOT-23 | 45 | 50 | 500 | 250/600 | 100/1 | 0.7 | 500/50 | 100 | F |
| BC857A | SOT-23 | 45 | 50 | 100 | 125/250 | 2/5 | 0.30 | 10/0.5 | 150 | F |
| BC857B | SOT-23 | 45 | 50 | 100 | 220/475 | 2/5 | 0.3 | 10/0.5 | 150 | F |
| BC857C | SOT-23 | 45 | 50 | 100 | 420/800 | 2/5 | 0.3 | 10/0.5 | 150 | F |
| BCW69 | SOT-23 | 45 | 50 | 100 | 120/260 | 2/5 | 0.30 | 10/0.5 | 150 | F |

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