

| DEVICE | TYPE | PACKAGE    | BVCEO   | BVCBO   | BVEBO   | ICBO     | VCB     | HFE     | VC & IC | COB  | FT       | NF    |          |
|--------|------|------------|---------|---------|---------|----------|---------|---------|---------|------|----------|-------|----------|
|        |      |            | (V) MIN | (V) MIN | (V) MIN | (mA) MAX | (V) MIN | MAX     | (V)     | (mA) | (pF) MAX | (MHz) | (db) MAX |
| BC237  | NPN  | TO-92 (77) | 45      | 50      | 6       | 15       | 50      | 110-450 | 5       | 2    | 4.5      | 150   | 10       |
| BC237A | NPN  | TO-92 (77) | 45      | 50      | 6       | 15       | 50      | 110-220 | 5       | 2    | 4.5      | 150   | 10       |
| BC237B | NPN  | TO-92 (77) | 45      | 50      | 6       | 15       | 50      | 200-450 | 5       | 2    | 4.5      | 150   | 10       |
| BC238  | NPN  | TO-92 (77) | 20      | 30      | 5       | 15       | 30      | 110-800 | 5       | 2    | 4.5      | 150   | 10       |
| BC238A | NPN  | TO-92 (77) | 20      | 30      | 5       | 15       | 30      | 110-220 | 5       | 2    | 4.5      | 150   | 10       |
| BC238B | NPN  | TO-92 (77) | 20      | 30      | 5       | 15       | 30      | 200-450 | 5       | 2    | 4.5      | 150   | 10       |
| BC238C | NPN  | TO-92 (77) | 20      | 30      | 5       | 15       | 30      | 420-800 | 5       | 2    | 4.5      | 150   | 10       |
| BC239  | NPN  | TO-92 (77) | 20      | 30      | 5       | 15       | 30      | 200-800 | 5       | 2    | 4.5      | 150   | 4        |
| BC239B | NPN  | TO-92 (77) | 20      | 30      | 5       | 15       | 30      | 200-450 | 5       | 2    | 4.5      | 150   | 4        |
| BC239C | NPN  | TO-92 (77) | 20      | 30      | 5       | 15       | 30      | 420-800 | 5       | 2    | 4.5      | 150   | 4        |
| BC257  | PNP  | TO-92 (74) | 45      | 50      | 5       | 15       | 50      | 120-460 | 5       | 2    | 6        | 130   | 10       |
| BC257A | PNP  | TO-92 (74) | 45      | 50      | 5       | 15       | 50      | 120-220 | 5       | 2    | 6        | 130   | 10       |
| BC257B | PNP  | TO-92 (74) | 45      | 50      | 5       | 15       | 50      | 180-460 | 5       | 2    | 6        | 130   | 10       |
| BC258  | PNP  | TO-92 (74) | 25      | 30      | 5       | 15       | 30      | 120-800 | 5       | 2    | 6        | 130   | 10       |
| BC258A | PNP  | TO-92 (74) | 25      | 30      | 5       | 15       | 30      | 120-220 | 5       | 2    | 6        | 130   | 10       |
| BC258B | PNP  | TO-92 (74) | 25      | 30      | 5       | 15       | 30      | 180-460 | 5       | 2    | 6        | 130   | 10       |
| BC258C | PNP  | TO-92 (74) | 25      | 30      | 5       | 15       | 30      | 380-800 | 5       | 2    | 6        | 130   | 10       |
| BC259  | PNP  | TO-92 (74) | 20      | 25      | 5       | 15       | 25      | 180-800 | 5       | 2    | 6        | 130   | 4        |
| BC259B | PNP  | TO-92 (74) | 20      | 25      | 5       | 15       | 25      | 180-460 | 5       | 2    | 6        | 130   | 4        |
| BC259C | PNP  | TO-92 (74) | 20      | 25      | 5       | 15       | 25      | 380-800 | 5       | 2    | 6        | 130   | 4        |
| BC286  | NPN  | TO-5       | 60      | 70      | 5       | 20       | 30      | 20-180  | 2       | 500  | 12       | 100   |          |
| BC287  | PNP  | TO-5       | 60      | 60      | 5       | 50       | 30      | 20-200  | 2       | 500  | 13       | 200   |          |
| BC307  | PNP  | TO-92 (77) | 45      | 50      | 5       | 15       | 50      | 110-450 | 5       | 2    | 6        | 130   | 10       |
| BC307A | PNP  | TO-92 (77) | 45      | 50      | 5       | 15       | 50      | 110-220 | 5       | 2    | 6        | 130   | 10       |
| BC307B | PNP  | TO-92 (77) | 45      | 50      | 5       | 15       | 50      | 200-450 | 5       | 2    | 6        | 130   | 10       |
| BC308  | PNP  | TO-92 (77) | 25      | 30      | 5       | 15       | 30      | 110-800 | 5       | 2    | 6        | 130   | 10       |
| BC308A | PNP  | TO-92 (77) | 25      | 30      | 5       | 15       | 30      | 110-220 | 5       | 2    | 6        | 130   | 10       |
| BC308B | PNP  | TO-92 (77) | 25      | 30      | 5       | 15       | 30      | 200-450 | 5       | 2    | 6        | 130   | 10       |
| BC308C | PNP  | TO-92 (77) | 25      | 30      | 5       | 15       | 30      | 420-800 | 5       | 2    | 6        | 130   | 10       |
| BC309  | PNP  | TO-92 (77) | 20      | 25      | 5       | 15       | 25      | 200-800 | 5       | 2    | 6        | 130   | 4        |
| BC309B | PNP  | TO-92 (77) | 20      | 25      | 5       | 15       | 25      | 200-450 | 5       | 2    | 6        | 130   | 4        |
| BC309C | PNP  | TO-92 (77) | 20      | 25      | 5       | 15       | 25      | 420-800 | 5       | 2    | 6        | 130   | 4        |
| BC317  | NPN  | TO-92 (72) | 45      | 50      | 6       | 30       | 20      | 110-450 | 5       | 2    | 4        | 100   | 6        |
| BC317A | NPN  | TO-92 (72) | 45      | 50      | 6       | 30       | 20      | 110-220 | 5       | 2    | 4        | 100   | 6        |
| BC317B | NPN  | TO-92 (72) | 45      | 50      | 6       | 30       | 20      | 200-450 | 5       | 2    | 4        | 100   | 6        |
| BC318  | NPN  | TO-92 (72) | 30      | 40      | 5       | 30       | 20      | 110-800 | 5       | 2    | 4        | 100   | 6        |
| BC318A | NPN  | TO-92 (72) | 30      | 40      | 5       | 30       | 20      | 110-220 | 5       | 2    | 4        | 100   | 6        |
| BC318B | NPN  | TO-92 (72) | 30      | 40      | 5       | 30       | 20      | 200-450 | 5       | 2    | 4        | 100   | 6        |
| BC318C | NPN  | TO-92 (72) | 30      | 40      | 5       | 30       | 20      | 420-800 | 5       | 2    | 4        | 100   | 6        |
| BC319  | NPN  | TO-92 (72) | 20      | 30      | 5       | 30       | 20      | 200-800 | 5       | 2    | 4        | 100   | 4        |
| BC319B | NPN  | TO-92 (72) | 20      | 30      | 5       | 30       | 20      | 200-450 | 5       | 2    | 4        | 100   | 4        |
| BC319C | NPN  | TO-92 (72) | 20      | 30      | 5       | 30       | 20      | 420-800 | 5       | 2    | 4        | 100   | 4        |
| BC320  | PNP  | TO-92 (72) | 45      | 50      | 6       | 30       | 20      | 110-450 | 5       | 2    | 4        | 100   | 6        |
| BC320A | PNP  | TO-92 (72) | 45      | 50      | 6       | 30       | 20      | 110-220 | 5       | 2    | 4        | 100   | 6        |
| BC320B | PNP  | TO-92 (72) | 45      | 50      | 6       | 30       | 20      | 200-450 | 5       | 2    | 4        | 100   | 6        |