



SOT-23 Plastic-Encapsulate Transistors

**BC856A,B** TRANSISTOR (PNP)

**BC857A, B,C**

**BC858A, B,C**

**FEATURES**

- Ideally suited for automatic insertion
- For Switching and AF Amplifier Applications

**MAXIMUM RATINGS (T<sub>A</sub>=25°C unless otherwise noted)**

| Symbol           | Parameter                     | Value   | Units |
|------------------|-------------------------------|---------|-------|
| V <sub>CBO</sub> | Collector-Base Voltage        |         |       |
|                  | BC856                         | -80     | V     |
|                  | BC857                         | -50     |       |
|                  | BC858                         | -30     |       |
|                  |                               |         |       |
| V <sub>CEO</sub> | Collector-Emitter Voltage     |         |       |
|                  | BC856                         | -65     | V     |
|                  | BC857                         | -45     |       |
|                  | BC858                         | -30     |       |
|                  |                               |         |       |
| V <sub>EBO</sub> | Emitter-Base Voltage          | -5      | V     |
| I <sub>C</sub>   | Collector Current –Continuous | -0.1    | A     |
| P <sub>C</sub>   | Collector Power Dissipation   | 200     | mW    |
| T <sub>J</sub>   | Junction Temperature          | 150     | °C    |
| T <sub>stg</sub> | Storage Temperature           | -65-150 | °C    |



**DEVICE MARKING**

BC856A=3A; BC856B=3B;  
 BC857A=3E;BC857B=3F;BC857C=3G;  
 BC858A=3J; BC858B=3K; BC858C=3L