



## JST134QP-600T 4A TRIAC

Rev.A.1.0

### DESCRIPTION:

The JST134QP-600T triac is suitable for AC switching applications. It can be used as ON/OFF switch in AC power control applications such as heating regulation, motor speed control, dimmer, speed control, etc. For T2 terminal, it is also available with heat sink. Package SOT-82 is RoHS compliant.

### MAIN FEATURES

### ABSOLUTE MAXIMUM RATINGS

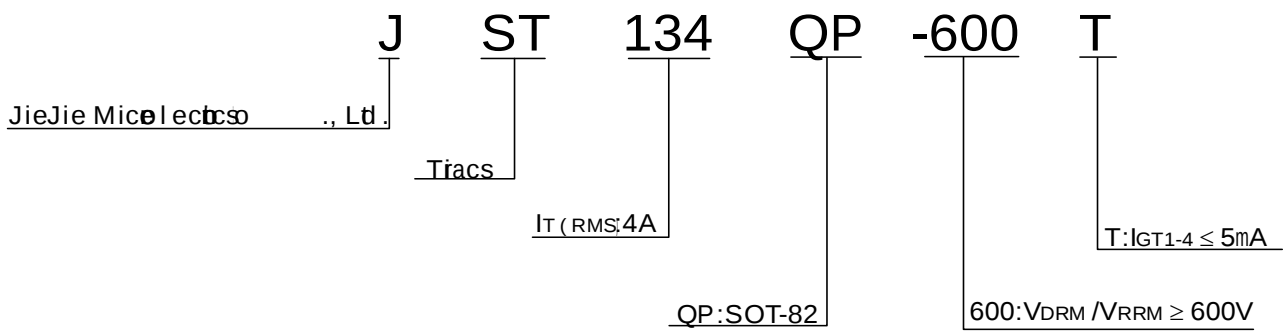
| Parameter                                                      | Symbol    | Value   | Unit |
|----------------------------------------------------------------|-----------|---------|------|
| Storage temperature                                            | $T_s$     | -40-150 |      |
| Operating temperature                                          | $T_j$     | -40-125 |      |
| Repetitive peak off-state voltage ( $T_j = 25^\circ\text{C}$ ) | $V_{DRM}$ | 600     | V    |
| Repetitive peak reverse voltage ( $T_j = 25^\circ\text{C}$ )   | $V_{RRM}$ | 600     | V    |

RMS on -

ELECTRICAL CHARACTERISTICS

| Symbol          | Test Condition                          | Quadrant | Value |   | Unit |
|-----------------|-----------------------------------------|----------|-------|---|------|
| I <sub>GT</sub> | V <sub>D</sub> =12V R <sub>L</sub> =33Ω | ALL      | MAX.  | 5 | mA   |
| V <sub>GT</sub> |                                         | ALL      | MAX.  | 1 | V    |
| V <sub>GD</sub> | V <sub>D</sub> =V <sub>DRM</sub>        |          |       |   |      |

ORDERING INFORMATION





**JST134QP-600T**

## ORDERING INFORMATION

| Order code    | Voltage<br>$V_{\text{DRM}}/V_{\text{RRM}}$ (V) | IGT(mA) | Package | Base qty.<br>(pcs) | Delivery<br>mode |
|---------------|------------------------------------------------|---------|---------|--------------------|------------------|
|               |                                                | - - -   |         |                    |                  |
| JST134QP-600T | 600                                            | 5       | SOT-82  | 500                | Bulk Pack        |

## Document Revision History

| Date         | Revision | Changes  |
|--------------|----------|----------|
| Apr.14, 2023 | A.1.0    | Released |



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