

## 1. Product Information

Supplier: JIANGSU CHANGJING ELECTRONICS TECHNOLOGY CO.,LTD.

|                   |            |
|-------------------|------------|
| Part Number:      | 2N7002K    |
| Package Type:     | SOT-23     |
| Part Description: | SMD/MOSFET |
| Report Date:      | May-2025   |

## 2. Reliability Test Results: MSL3 PASS

| Test Item                     | Test Condition                | Duration | Samples | Rej/Pass |
|-------------------------------|-------------------------------|----------|---------|----------|
| 1.Pre stress Electrical Test  | Ta=25°C<br>Reference standard | —        | 22      | 0/22     |
| 2.C-Scan                      | —                             | —        | 22      | 0/22     |
| 3.Bake                        | Ta=125°C                      | 24Hours  | 22      | —        |
| 4.Soak                        | 30°C 60%RH                    | 192Hours | 22      | —        |
| 5.IR Reflow                   | max 260°C                     | 3Cycles  | 22      | —        |
| 6.C-Scan                      | —                             | —        | 22      | 0/22     |
| 7.Post stress Electrical Test | Ta=25°C<br>Reference standard | —        | 22      | 0/22     |

Reference Document: JESD22-A113F/J-STD-020

Remark: JSCJ Laboratory reserves the right of final interpretation of this report