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**Reliability Data Summary:****DEVICE NAME:** SMBT35200MT1G**RMS:** S30328**PACKAGE:** TSOP6

| Test  | Specification                      | Condition                                  | Interval  | Results |
|-------|------------------------------------|--------------------------------------------|-----------|---------|
| HTRB  | JESD22-A108                        | Ta=150°C, 100% max rated V                 | 1008 hrs  | 0/231   |
| IOL   | MIL-STD-750<br>(M1037)<br>AEC-Q101 | Ta=+25°C, delta Tj=100°C<br>On/off = 2 min | 15000 cyc | 0/231   |
| TC    | JESD22-A104                        | Ta= -65°C to +150°C                        | 1000 cyc  | 0/231   |
| H3TRB | JESD22-A110                        | 85°C, 85% RH, 18.8psig, bias               | 1008 hrs  | 0/231   |
| uHAST | JESD22-A118                        | 130°C, 85% RH, 18.8psig, unbiased          | 96 hrs    | 0/231   |
| PC    | J-STD-020 JESD-A113                | MSL 1 @ 260 °C                             |           | 0/924   |
| RSH   | JESD22- B106                       | Ta = 265C, 10 sec                          |           | 0/90    |
| SD    | JSTD002                            | Ta = 245C, 10 sec                          |           | 0/45    |

**Electrical Characteristic Summary:**

Electrical characteristics are not impacted.

**List of affected Standard Parts:**

| Part Number    | Qualification Vehicle |
|----------------|-----------------------|
| MBT35200MT1G   | SMBT35200MT1G         |
| MBT35200MT2G   |                       |
| NSS20201MR6T1G |                       |
| NSS20300MR6T1G |                       |
| NSS30201MR6T1G |                       |
| NSS35200MR6T1G |                       |
| NST489AMT1G    |                       |