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|-------------------------|---|
| Title of Change:        | MT9M114 Datasheet Update  |
| Effective date:         | 26 Apr 2022   |
| Contact information:    | Contact your local onsemi Sales Office or <a href="mailto:Sonya.Yip@onsemi.com">Sonya.Yip@onsemi.com</a>  |
| Type of notification:   | This Product Bulletin is for notification purposes only.<br>onsemi will proceed with implementation of this change upon publication of this Product Bulletin. |
| Change Category:        | Technical Documentation   |
| Change Sub-Category(s): | Datasheet/Product Doc change  |

**Sites Affected:**

| onsemi Sites | External Foundry/Subcon Sites |
|--------------|-------------------------------|
| None         | None                          |

**Description and Purpose:**

- Updated Operating Temperature Range in "Table 1, Key Performance Parameters" from ambient to junction.

**Old Section:**

|  |               |
|--|---------------|
| Operating Temperature Range<br>(Ambient) - $T_A$ | -30°C to 70°C |
|--|---------------|

**New Section:**

|   |               |
|---|---------------|
| Operating Temperature Range<br>(Junction) - $T_J$ | -30°C to 70°C |
|---|---------------|

- Updated Operating Temperature (Measure at Junction) in "Table 19, Absolute Maximum Ratings" to match junction temperature in Table 1.

**Old Section:**

| $T_{OP}$ | Operating Temperature (Measure at Junction) | -30 | 75 | °C |
|----------|---|-----|----|----|
|----------|---|-----|----|----|

**New Section:**

| $T_{OP}$ | Operating Temperature (Measure at Junction) | -30 | 70 | °C |
|----------|---|-----|----|----|
|----------|---|-----|----|----|

**List of Affected Standard Parts:**

**Note:** Only the standard (off the shelf) part numbers are listed in the parts list. Any custom parts affected by this PCN are shown in the customer specific PCN addendum in the PCN email notification, or on the [PCN Customized Portal](#).

|                   |                    |                          |
|-------------------|--------------------|--------------------------|
| MT9M114EBLSTCZ-CR | MT9M114EBLSTCZ-CR1 | MT9M114D00STCZK24BC1-200 |
|-------------------|--------------------|--------------------------|