

Moisture Sensitivity Level (MSL)

January 19, 2026

Recommended Storage Condition

- Insignis parts have an MSL value of 3 – 168 hrs
- Before un-packing
 - It is defined by IPC/JEDEC J-STD-020.
 - This shelf life shall be within 12 months when stored in non-condensing atmospheric environment of <40°C and <90% RH (Shelf life condition).
- After un-packing
 - It is defined by IPC/JEDEC J-STD-033.
 - This floor life shall be stored under 30°C, 60%RH working environment (Floor Life)
 - If the moisture sensitivity is “3”, it should be mounted within 168hrs after un-packing.

Recommended Baking Condition

For MSL-3 devices, parts should be mounted within 168hrs after un-packing. Baking before mounting is strongly recommended if expiring 168hrs floor life, with different recommended baking condition listed below.

- **TRAY**
 - Etron recommends baking in trays at 125°C, 24hrs.
- **EMBOSS (T&R)**
 - Etron recommends baking in EMBOSS (T&R) at 40°C, 192hrs or remove to tray and follow above baking condition in tray.