



NET+40 and NET+50

Recommended Handling, Reflow
Conditions, & RoHS Information

Moisture Sensitive Product Handling

Surface mount products may crack when thermal stress is applied during surface mount assembly after absorbing atmospheric moisture. Your product is sealed with a label such as this:

Use Ink Ribbon 10_1394 & Label Stock 28_321

CAUTION!

This bag contains devices that are both moisture and static sensitive. Do not open except under controlled conditions at an ESD protected work station.

SEALING DATE: _____

Expiration Date: 12 Months from seal date.

1. This bag may be stored for up to 12 months at <math><55^{\circ}\text{C}</math> and <math><85\%</math> humidity.
2. The contents of this bag may be stored indefinitely at 20% humidity.
3. If upon opening, the moisture indicator shows above 20% Humidity, the contents have expired.
4. If contents are expired, they may still be used after a bake of 22 hours at 110°C . **CAUTION:** Remove devices from bag prior to baking.
5. The contents of this bag must be mounted on a circuit board within 48 hours from removal from the bag. Units not mounted within 48 hours must be (re) baked per Step 4 above.

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NetSilicon
A Diqi International® Company

Moisture Sensitivity, Reflow, & RoHS

- NET+40 and NET+50 packages are compliant with IPC/JEDEC Standard J-STD-020C:

http://www.netsilicon.com/pdf/leadfree_jointsafety.pdf

- Moisture Sensitivity Level = 3
- Reflow temperature profiles per J-STD-020C
- Pb-free/RoHS packaging availability
 - NET+40 RoHS compliant August, 2005 (product mark = 56504F)
 - NET+50 208-pin PQFP Pb-free now (product mark = 57537A), RoHS compliant April, 2005 (product mark = 57537A-25)
 - NET+50 208-ball BGA transitioned to RoHS in 2003
 - Product marked **0137003** is not Pb-free (pre-2003)
 - Product marked **0137003LF** is Pb-free, RoHS compliant