

Moisture Sensitivity of μ Module Devices

μ Module Package Technology -

The Moisture Sensitivity Level (MSL) of μ Module packages is unique to each μ Module device. Factors such as construction and component layout influence the MSL performance. μ Module packages are rated MSL 3 or lower, with floor life and maximum allowed peak body temperatures specified by J-STD-020. For more information, please see Module Design and Manufacturing Resources:

<http://www.linear.com/designtools/packaging/umodule.php>

MSL 3

All LGA (package code V) and BGA (package code Y) packages except for devices rated MSL 4 in list below.

MSL 4

LTM2883

LTM2884

LTM4634

LTM4637

LTM4639

LTM4641

LTM4675

LTM4676 / LTM4676A

LTM4677

Moisture Sensitivity Level Table from J-STD-020

	Floor Life	
Level	Time	Condition
1	Unlimited	≤ 30 °C/85% RH
2	1 year	≤ 30 °C/60% RH
2a	4 weeks	≤ 30 °C/60% RH
3	168 hours	≤ 30 °C/60% RH
4	72 hours	≤ 30 °C/60% RH
5	48 hours	≤ 30 °C/60% RH
5a	24 hours	≤ 30 °C/60% RH
6	Time on Label (TOL)	≤ 30 °C/60% RH

NOTE:

TOL = Time on Label