



PCN – Greatek 8L SOIC Package MSL1 Qualification

Zilog, Inc.
1590 Buckeye Drive
Milpitas, CA 95035-7418

October 26, 2020

Subject: Greatek 8L SOIC Package MSL1 Qualification

Dear Valued Customer and/or Distributor:

We would like to inform you that we have qualified 8L SOIC assembled at Greatek for Moisture Sensitivity Level 1 (MSL1) using our standard qualification process (please see attached qualification data).

Zilog will begin shipping 8L SOIC MSL1 products assembled at this subcontractor with date code starting from 2044 (YYWW).

Should you have questions on this matter or need additional assistance, please contact **csr@zilog.com**.

Thank you for your continued interest in Zilog products and services.

Sincerely,

Alan Shaw
AShaw@littelfuse.com
VP of Operations MCU
Zilog- a Littelfuse Company

PCN – Greatek 8L SOIC Package MSL1 Qualification

ASSEMBLY YIELD	100%
O/S YIELD	100%
RELIABILITY TEST DATA	
DIE SHEAR	0/1
WIRE PULL	0/10
BALL SHEAR	0/3
CSAM	0/5
DIMENSION (mm)	0/5
EXTERNAL VISUAL	0/125
PRECONDITIONING (85°C,85% RH ,168hrs)	0/135
PRESSURE POT (30°C, 100%RH, 2ATM, 336 hrs)	0/45
TEMPERATURE CYCLE (-65°C, 150°C, 500x)	0/45
BIASED HAST (130°C, 85%RH, 96 hrs)	0/45
HIGH TEMPERATURE STORAGE (150°C, 168 hrs)	0/77
ZILOG QUALIFICATION REPORT	ZQR-20102606