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# **PRODUCT ADVISORY**

## **Data Sheet Specification Correction for Intersil Product ISL59446\***

**Refer to:  
PA10088**

**Date: August 27, 2010**

August 27, 2010

To: Our Valued Intersil Customers

Subject: **Data Sheet Specification Correction for Intersil Product ISL59446\***

This advisory is to inform you that Intersil has made corrections to the POD (Package Outline Drawing) referenced in the data sheet specification for the ISL59446\* products. The updates to the POD correct the lead width (“b”) minimum and maximum dimensions. There have been no changes made to the package or product itself. The updated data sheet incorporating the corrected POD is available on the Intersil web site at <http://www.intersil.com/data/fn/fn6261.pdf>.

Products Affected: **ISL59446IRZ ISL59446IRZ-T7 ISL59446IRZ-T7S2490**

Intersil will take all necessary actions to conform to customer requirements and to ensure the continued high quality and reliability of Intersil products being supplied. Customers may expect to continue receiving product manufactured to the same conditions used for material supplied today.

If you have concerns with this change notice, Intersil must hear from you promptly. Please contact the nearest Intersil Sales Office or call the Intersil Corporate line at 1-888-468-3774, in the United States, or 1-321-724-7143 outside of the United States.

*Jon Brewster*

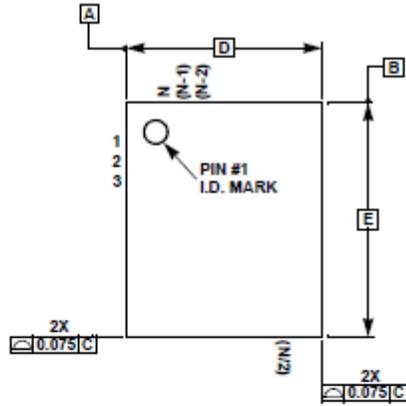
Jon Brewster  
Intersil Corporation

PA10088

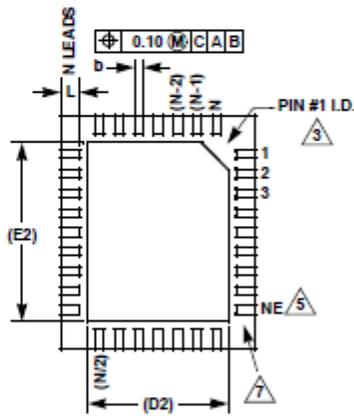
CC: J. Touvell J. Bailey K. Tucker

# Incorrect POD – PA10088

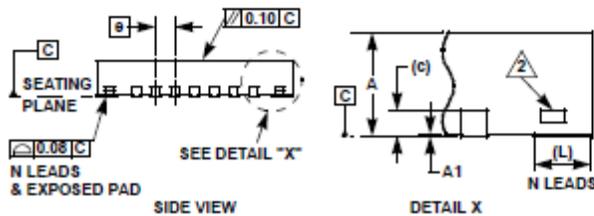
## Quad Flat No-Lead Plastic Package (QFN) Micro Lead Frame Plastic Package (MLFP)



TOP VIEW



BOTTOM VIEW



SIDE VIEW

DETAIL X

## L32.5x6A (One of 10 Packages in MDP0046) 32 LEAD QUAD FLAT NO-LEAD PLASTIC PACKAGE (COMPLIANT TO JEDEC MO-220)

SYMBOL	MILLIMETERS			NOTES
	MIN	NOMINAL	MAX	
A	0.80	0.90	1.00	-
A1	0.00	0.02	0.05	-
D	5.00 BSC			-
D2	2.48 REF			-
E	6.00 BSC			-
E2	3.40 REF			-
L	0.45	0.50	0.55	-
b	0.20	0.22	0.24	-
c	0.20 REF			-
e	0.50 BSC			-
N	32 REF			4
ND	7 REF			6
NE	9 REF			5

Rev 0 9/05

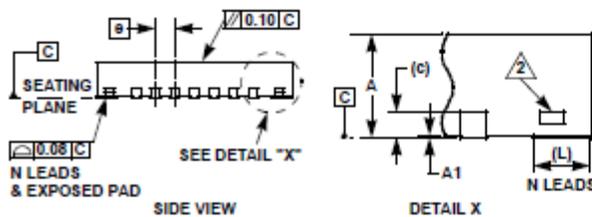
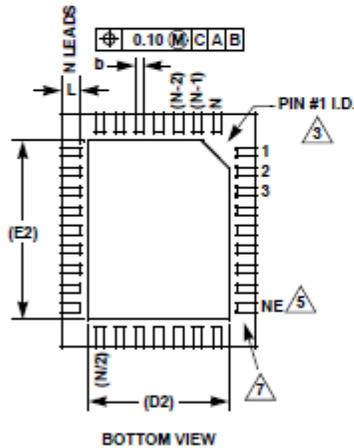
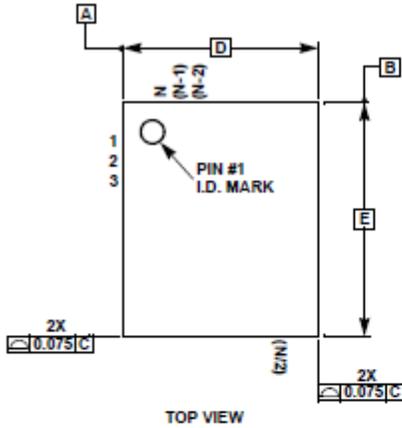
### NOTES:

1. Dimensioning and tolerancing per ASME Y14.5M-1994.
2. Tiebar view shown is a non-functional feature.
3. Bottom-side pin #1 I.D. is a diepad chamfer as shown.
4. N is the total number of terminals on the device.
5. NE is the number of terminals on the "E" side of the package (or Y-direction).
6. ND is the number of terminals on the "D" side of the package (or X-direction).  $ND = (N/2) - NE$ .
7. Inward end of terminal may be square or circular in shape with radius  $(b/2)$  as shown.

# Correct POD – PA10088

## Quad Flat No-Lead Plastic Package (QFN) Micro Lead Frame Plastic Package (MLFP)

L32.5x6A (One of 10 Packages in MDP0046)  
32 LEAD QUAD FLAT NO-LEAD PLASTIC PACKAGE  
(COMPLIANT TO JEDEC MO-220)



SYMBOL	MILLIMETERS			NOTES
	MIN	NOMINAL	MAX	
A	0.80	0.90	1.00	-
A1	0.00	0.02	0.05	-
D	5.00 BSC			-
D2	2.48 REF			-
E	6.00 BSC			-
E2	3.40 REF			-
L	0.45	0.50	0.55	-
b	0.17	0.22	0.27	-
c	0.20 REF			-
e	0.50 BSC			-
N	32 REF			4
ND	7 REF			6
NE	9 REF			5

Rev 1 2/09

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