

January 21, 2013

PCN Tracking # CN-012113

## Customer Notification

### 16 Lead QSOP Leadframe Conversion

Dear Valued Customer:

This notification is for the purpose of informing you of a change to Unisem's 16 lead QSOP package.

#### Classification

Major  Minor

#### Products Affected

M02042G-4D03-T    M02042G-4D03A-T    M02042-3A03-T    M02044CG-03-T  
M02044CG-31    M02045G-2Y03-T    M02046G-14    M02046G-15  
M02046G-24    M02046G-25

#### Description of Change(s)

Unisem Ipoh proposed to change the 16QSOP from the current high density leadframe (HD) to a matrix leadframe due to the high density leadframe production line is underutilized. The bill of material will remain the same and the package outline drawing is the same except the package stand-off which is changed to meet JEDEC MO137.

	HD Leadframe	Matrix Leadframe
Standoff height (mils)	1 – 4	4 – 9.8

#### Method of Identifying Change

The lot number is traceable to the change. There will be no product marking change.

#### Reason for Change

To ensure capacity by aligning with the supplier's high volume package option.

#### Customer Impact

No customer impact is anticipated as Unisem is running this package in high production volumes.

Proposed First Ship Date for Change: April 1, 2013

#### Qualification Plan/Results

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Unisem qualification is complete with passing results.

Qualification Data Available Date: Upon request

Sample Availability Date: Upon request

Last Date of Manufacture of Unchanged Product: March 31, 2013

We are confident this change will allow Mindspeed Technologies to maintain its high standards for quality and reliability. We will be managing this change very closely to ensure minimum disruption to our customers. If, at any time, you have a need for further information, please contact your local Sales Representative.

Lack of acknowledgement of this PCN within 30 days constitutes acceptance of the change. After acknowledgement, lack of additional response with the 60 day review period constitutes acceptance of the change.

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The indicated Customer Notification letter was received and acknowledged by the undersigned authority.

Name: \_\_\_\_\_  
Signature Print

Company: \_\_\_\_\_  
Name Location

Title: \_\_\_\_\_

Date: \_\_\_\_\_

Comments/additional requests: \_\_\_\_\_

Thank you for your attention on this matter.

Please return the acknowledgment form to the attention of Ralph Crowther  
MINDSPEED Technologies Inc., 4000 MacArthur Blvd, Newport Beach, Ca,  
92660; FAX (949)579-5404; email: ralph.crowther@mindspeed.com