



Product Change Notification

107870 - 00

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Product Change Notification

Change Notification #: 107870 - 00
Change Title: Intel WiMAX Connection 2300R Ofer R Interface, PCN 107870-00, Order Code, Affects both the Connection 2250 kit and Connection 2300R Ofer R standalone products
Date of Publication: August 27, 2007

Key Characteristics of the Change:

Order Code

Forecasted Key Milestones:

Date Customer Must be Ready to Receive Post-Conversion Material:	Aug 01, 2007
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Description of Change to the Customer:

NOTE: Original PCN published in May. Re-formatting using standard PCN process.

The Intel WiMAX Connection 2300R (Ofer-R) is scheduled for product conversion on August 1, 2007.

Customer Impact of Change and Recommended Action:

The Ofer-R radio chip (RFIC) product is part of the Ofer-R chipset targeted at WiMAX 802.16e applications. Initial Ofer-R B1 product shipments began WW17'07. Ofer-R B2 stepping was introduced to satisfy future WiMAX product interoperability and was also released for production at this time.

The Ofer-R B1 to Ofer-R B2 changes are transparent to customer. The chipset form, fit and function are unchanged.
Change description: CalDet in the 'Off state' is now zero volts.
Ofer-R B1 to Ofer-R B2 differences are localized to 3 metal changes for CalDet output voltage level.

Ofer-R B2 Production Stepping:

- 100% Data Share with Ofer R B1
- No changes to ESD structures
- Same Size and replicated on die

Three changes to Ofer-R B2 in single block

1. FET Switch Block
2. PFET and NFET connected in parallel
3. NFET Shorted signal to GND
4. Same as 1 with new location

Changes are transparent to Customers. Regulation testing done on Ofer-R B2.

It is recommended that customers validate their system for transition to Intel WiMAX Connection 2300R.

Customers should also perform system testing using the new part and verify functional equivalency on the new chipset.

The new order code for the Intel WiMAX Connection 2300R has changed and is illustrated in the table below.

Products Affected / Intel Ordering Codes:

Pre-Conversion Product Code	Pre-Conversion Spec/ROM	Pre-Conversion MM#	Post-Conversion Product Code	Post-Conversion Spec/ROM	Post-Conversion MM#
K2250BI2300R	N/A	887540	K2250BI2300R2	N/A	892062
WG2300R	SL9PY	883786	WG2300R	SLAFM	891331

Reference Documents / Attachments:

Document:

Location #:

PCN Revision History:

Date of Revision:

August 27, 2007

Revision Number:

00

Reason:

Originally Published PCN