

**Product Change Notification Form**

|                                |                                    |                                |
|--------------------------------|------------------------------------|--------------------------------|
| <b>PCN#: LMI-PCN-70117</b>     | <b>Revision: A</b>                 | <b>Issue Date: 20-Dec-2007</b> |
| <b>Type of Change: Level 1</b> | <b>Effective Date: 20-Dec-2007</b> |                                |
| <b>Reason(s) for Change:</b>   |                                    |                                |

1. Luminary Micro is pleased to announce ASAT as an additional manufacturing partner for LQFP products.
2. Luminary Micro is modifying the reserved traceability codes marked on the topside of the LQFP products.

**Detailed Description of Changes:**

**Introduction of ASAT:**

Continued strong demand for the Stellaris® family of embedded microcontrollers has required the addition of a second source manufacturing partner to ensure that an uninterrupted supply of quality products is available to our customers.

Luminary Micro is pleased to announce that ASAT Holdings LTD, has been selected to be Luminary Micro's high volume production manufacturing partner. ASAT has been a global provider of semiconductor assembly, test, and package design services for 18 years. ASAT's 560,000 square foot state-of-the-art facility, located in Dongguan, China, is one of the largest and most advanced semiconductor subcontract assembly and test manufacturing facilities in China. ASAT has an impressive quality system and has achieved the following quality certifications:

ISO 9001:2000 certification for China manufacturing facility  
 ISO 14001:2004 certification for China manufacturing facility  
 ISO/TS 1649:2002 certification for China manufacturing facility

Assembly and ATE test for Luminary Micro 100 LQFP and 48 LQFP packages have been released for production ramp at ASAT and will begin shipping to customers starting in December 2007.

ASAT package reliability data is available upon request.

**Package Marking Change:**

Luminary Micro has revised the package top-side reserved trace-code markings on both 100 LQFP and 48 LQFP products. This new marking format eliminates one of the reserved marking lines which improves readability and modifies the reserved characters for better lot traceability. The customer-facing marking characters have not been changed.

Note: The date of "First Availability of Post-Conversion Product" is determined by the projected depletion of inventory at the time of the PCN publication.

The depletion of inventory may be impacted by fluctuating supply and demand; therefore, although customers should be prepared to receive the post-converted products on this date, we will continue to ship the pre-converted products until the inventory has been depleted.

**Products Affected:**

| Part Number   | Description     | Qualification P/N |
|---------------|-----------------|-------------------|
| LM3S812-IQN50 | Microcontroller | N/A               |

**Forecasted Key Milestones**

| Milestone                      | Date         |
|--------------------------------|--------------|
| Samples Available              | N/A          |
| Qualification Report Available | Upon Request |
| Product Release                | 21-Dec-2007  |

**Recommended Action: Accept PCN**

**Reference Documents/Attachments: N/A**

Should you have any issues with the timeline or content of this change, please contact the representative listed below within 10 days. No response will be deemed as customer's acceptance of the change and the change will be implemented pursuant to the key milestones set forth in this PCN.

**For questions, concerns, or comments please direct all correspondence to:**  
[customer.service@luminarymicro.com](mailto:customer.service@luminarymicro.com)

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