



April 23, 2018

**Subject: PCN#01A-18 Notification of Intent to Utilize an Alternate Qualified Mask Set for L-ASC10 and Platform Manager 2 Products**

Dear Customer,

Lattice is providing this notification of our intent to utilize an alternate qualified mask set for the the L-ASC10 and the Platform Manager™ 2 Products.

**Change Descriptions**

Lattice has identified a circuit issue in the HVOUT charge pump mode of our L-ASC10 and LPTM21 devices that may affect certain use conditions. Lattice is releasing this alternate qualified mask set to update this circuit.

The use of this alternate qualified mask set will not change function, form, fit or external package dimensions.

**Affected Devices**

The Ordering Part Numbers (OPNs) affected by this PCN are as follows:

**L-ASC10-1SG48I**

**LPTM21-1AFTG237C**

**LPTM21-1AFTG237I**

This PCN also affects any custom devices (i.e. factory programmed, special test, non-standard speed grade, etc), which are derived from these devices.

**Device Identification**

Devices with this new alternate qualified mask set can be identified by the first alpha character of the Inspection Lot Number ("C" for the alternative mask product), which is marked on the topside of the device. Inspection lot numbers are also marked on the label on the outside of the inventory box as well as on the anti-static moisture barrier bag within. See device topside marking examples below.

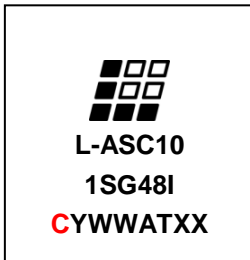
LPTM21-1AFTG237I



LPTM21-1AFTG237C



L-ASC10-1SG48I



“C” in the first position of Datecode indicates the alternate mask set

**Data Sheet Specifications**

This PCN has no impact on any data sheet specifications. The alternate mask set devices are fully backward compatible in all applications.

**Qualification Data**

Qualification reliability testing for Alternate Qualified Mask Set for L-ASC10 and LPTM21 is complete. A summary of the qualification data will be available [here](#).

**Sample Support**

Conversion timing for this PCN is 90 days from the date of this Notice. No action is required (meaning no changes to OPNs, your internal Bills of Material, backlog or orders) unless you plan to do further evaluation.

Should samples be required to complete evaluation of this PCN, such sample requests must be received no later than May 23, 2018. Samples for this PCN will use the “AMJ” suffix appended to the standard OPNs as shown in the example below.

**Example:**

Standard OPN:

**L-ASC10-1SG48I**

**L-ASC10-1SG48ITR**

**LPTM21-1AFTG237C**

LPTM21-1AFTG237CTR  
LPTM21-1AFTG237I  
LPTM21-1AFTG237ITR

Available Alternate Device OPNs:

L-ASC10-1SG48IAMJ  
LPTM21-1AFTG237CAMJ  
LPTM21-1AFTG237IAMJ  
L-ASC10-1SG48IAMJTR  
LPTM21-1AFTG237CAMJTR  
LPTM21-1AFTG237IAMJTR

### **PCN Timing**

Conversion timing for this PCN is 90 days from the date of this Notice. Samples are available **now**.

Customers will have 90 days to evaluate this PCN from receipt of samples.

### **PCN Timing Summary**

- **Sample Request Cut-Off Date:** **May 23, 2018**
- **PCN Expiration Date:** **July 23, 2018**

### **Response**

In accordance with J-STD-046, this change is deemed accepted by the customer if no acknowledgement is received within 30 days from this Notice. Lattice PCNs are available on the [Lattice PCN web page](#). Please sign up to receive e-mail PCN alerts by registering [here](#). If you already have a Lattice web account and wish to receive PCN alerts, you can do so by logging into your account and making edits to your subscription options.

### **Contact**

If you have any questions or require additional information, please contact [pcn@latticesemi.com](mailto:pcn@latticesemi.com).

Sincerely,

Lattice Semiconductor PCN Administration