

This is the **Product Bulletin template**. All text in blue is a guideline, and should be removed when completed.

Title of Change:	Conversion from polarity notch to polarity band on SMC packaged products. One-line summarized title of the change using key words and avoid abbreviations. Include type of change, location, product family or process technology/package/platform,...		
Effective date:	6 February 2017 Typically same date as issue date (no date requirement for PB). All Datasheet changes due to a change in design, silicon, package, or test shall be processed as an FPCN!		
Contact information:	Contact your local Littelfuse Sales Office		
Type of notification:	ON Semiconductor and Littelfuse will consider this change accepted.		
Change category:	<input type="checkbox"/> Wafer Fab Change <input type="checkbox"/> Assembly Change <input checked="" type="checkbox"/> Marking Change <input type="checkbox"/> Test Change <input type="checkbox"/> Other		
Change Sub-Category(s):	<i>[Multiple options might be applicable]</i>		
<input type="checkbox"/> Manufacturing Site Change/Addition <input type="checkbox"/> Manufacturing Process Change	<input type="checkbox"/> Material Change <input type="checkbox"/> Product specific change	<input type="checkbox"/> Datasheet/Product Doc change <input checked="" type="checkbox"/> Shipping/Packaging/Marking <input type="checkbox"/> Other: _____	
Sites Affected:	<i>[Click on 'select site' to get drop down menu]</i>		
<input type="checkbox"/> All site(s) <input type="checkbox"/> not applicable	<input checked="" type="checkbox"/> ON Semiconductor site(s) : ON Seremban, Malaysia	<i>[Click on 'select site' to get drop down menu]</i> <input type="checkbox"/> External Foundry/Subcon site(s) Select Site	

Description and Purpose: *detailed description of the change and reason for the change.*

This product bulletin is announcing that ON Semiconductor Malaysia is converting the diode polarity identification for SMC packaged devices from a notch molded into the epoxy body of the device to a laser marked polarity band. The change will align ON Semiconductor Malaysia with the current industry standard for SMC polarity identification. The details of this change are displayed pictorially in Figure 1 below. An example device showing both the legacy notch that will be eliminated and the polarity band that will be replacing it is shown in Figure 2.

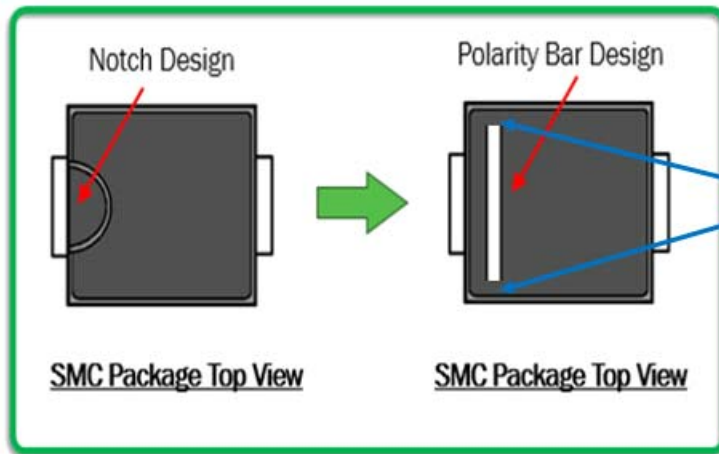


Figure 1

Band does not extend to edge of epoxy body



Figure 2

During the transition period, both notches and the laser marked polarity band can be present within a same reel and packaging. As this change affects only external appearance, there is no product reliability and characterization testing required.



Expertise Applied | Answers Delivered

Product Bulletin

Document # : PB001LF

Issue Date: 30 November 2016

List of affected Customer Specific Parts: Attached spreadsheet with table of part numbers