



<b>Title of Change:</b>	Conversion from polarity notch to polarity band on SMC packaged products.		
<b>Effective date:</b>	9 March 2017 <i>or earlier upon customer approval</i>		
<b>Contact information:</b>	Contact your local ON Semiconductor Sales Office or < <a href="mailto:SitiNurhaza.MohdRamli@onsemi.com">SitiNurhaza.MohdRamli@onsemi.com</a> > or < <a href="mailto:SengMun.Yoon@onsemi.com">SengMun.Yoon@onsemi.com</a> >		
<b>Type of notification:</b>	This Product Bulletin (PB) is sent to customers. PB is issued 90 days prior to implementation of the change. ON Semiconductor will consider this change accepted, unless an inquiry is made in writing within 30 days of delivery of this notice. To do so, contact < <a href="mailto:PCN.Support@onsemi.com">PCN.Support@onsemi.com</a> >.		
<b>Change category:</b>	<input type="checkbox"/> Wafer Fab Change <input checked="" type="checkbox"/> Assembly Change <input type="checkbox"/> Test Change <input type="checkbox"/> Other _____		
<b>Change Sub-Category(s):</b>	<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: _____
<b>Sites Affected:</b>	<input type="checkbox"/> All site(s) <input type="checkbox"/> not applicable	<input checked="" type="checkbox"/> ON Semiconductor site(s) : ON Seremban, Malaysia	<input type="checkbox"/> External Foundry/Subcon site(s)

**Description and Purpose:**

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.

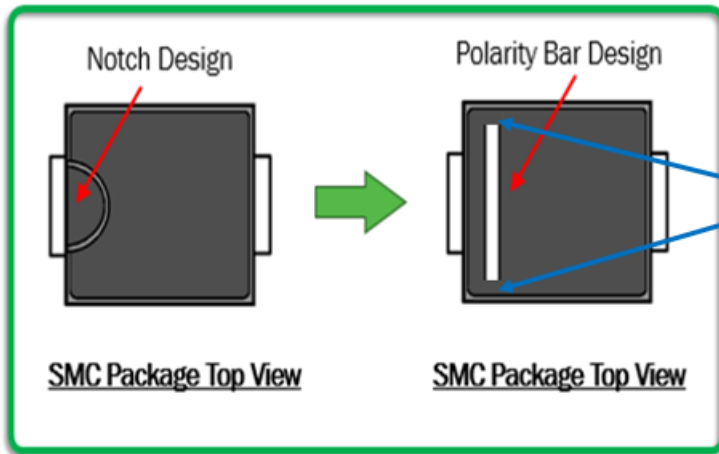


Figure 1

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.

**List of Affected Standard Parts:**

MBRS3100T3G	MURS360T3G	MURS320T3G	NRVBS3100T3G	NRVBS540T3G
MBRS3100T3H	MURS360T3H	MURS320T3H	NRVBS3201T3G	SBRS8320T3G
MBRS3201T3G	MBRS410ET3G	MURS340T3G	NRVBS330T3G	SBRS8340T3G
MBRS320T3G	MBRS410LT3G	MURS360T3G	NRVBS360T3G	SURS8320T3G
MBRS330T3G	MBRS4201T3G	MURS360T3H	NRVBS410LT3G	SURS8340T3G
MBRS340T3G	MBRS540T3G	MURS480ET3G	NRVBS4201T3G	SURS8360T3G
MBRS340T3H	NSV50350AST3G	NSI50350AST3G		

**List of Affected Customer Specific Parts:**

*NOTE: Please be informed that parts impacted by this PDN/PCN are Special/Customer specific parts, thus MPN & CPN info will be available to affected customers only by clicking the "[Custom PCN for Selected Company Button](#)" in the Document Analysis page of PCMS/PCN Alert.*