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| <b>Title of Change:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Polarity band marking missing on NSI50350AST3G (SMC package).                                                                                                                                                                                                                                                                                                                                                              |                                                  |                                           |
| <b>Effective date:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 26 December 2018                                                                                                                                                                                                                                                                                                                                                                                                           |                                                  |                                           |
| <b>Contact information:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Contact your local ON Semiconductor Sales Office or <farrah.omar@onsemi.com>                                                                                                                                                                                                                                                                                                                                               |                                                  |                                           |
| <b>Type of notification:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                 | This Product Bulletin is for notification purposes only. ON Semiconductor will proceed with implementation of this change upon publication of this Product Bulletin.                                                                                                                                                                                                                                                       |                                                  |                                           |
| <b>Change Category:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input type="checkbox"/> Wafer Fab <input type="checkbox"/> Assembly Change <input type="checkbox"/> Test Change <input checked="" type="checkbox"/> Other <u>Device Marking</u>                                                                                                                                                                                                                                           |                                                  |                                           |
| <b>Change Sub-Category(s):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                               | <input type="checkbox"/> Manufacturing Site Addition <input type="checkbox"/> Material Change <input type="checkbox"/> Datasheet/Product Doc change<br><input type="checkbox"/> Manufacturing Site Transfer <input type="checkbox"/> Product specific change <input checked="" type="checkbox"/> Shipping/Packaging/Marking<br><input type="checkbox"/> Manufacturing Process Change <input type="checkbox"/> Other: _____ |                                                  |                                           |
| <b>Sites Affected:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ON Semiconductor Sites:<br>ON Dong Nai Province, Vietnam                                                                                                                                                                                                                                                                                                                                                                   | External Foundry/Subcon Sites:<br>None           |                                           |
| <b>Description and Purpose:</b><br><br>This Product Bulletin is announcing that ON Semiconductor Vietnam has been shipping NSI50350AST3G devices housed in SMC package without the polarity band marking. Parts that produced at ON Semiconductor Malaysia is not affected.<br><br>Cathode pin still can be identified near the ON logo even without polarity bar.<br><br>Parts with Date Code of 1846 onwards from ON Semiconductor Vietnam will have polarity bar marking. |                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                  |                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Datasheet</b>                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Current marking<br/>Before date code 1846</b> | <b>Change to after date code<br/>1846</b> |
| <b>Front marking</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Polarity bar at ON logo side                                                                                                                                                                                                                                                                                                                                                                                               | No polarity bar                                  | With polarity bar                         |
| <b>Picture</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                  |                                           |
| <b>List of Affected Part:</b><br><br>NSI50350AST3G                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                  |                                           |