



# Product Change Notification



Product Group: Diodes Division / August 21, 2015 / PCN-DD-027-2015 Rev. 0

## 4-inch Wafer Conversion for NS(F,B)8xT of Automotive Grade Standard Rectifier

**DESCRIPTION OF CHANGE :** Vishay Diodes Division will implement change of wafer diameter from 3 inch to 4 inch for Automotive grade NS(F,B)8xT series of Standard Rectifier in TO-220AC, ITO-220AC and TO-263AB packages. There will be no change in form, fit or function of final products

**CLASSIFICATION OF CHANGE :** Wafer/Chip/Pellet Process/Structure.

**REASON FOR CHANGE :** Capacity expansion and delivery improvement

**EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE :**

No change on the product performance and data sheet specifications.

**PRODUCT CATEGORY :** Rectifier

**PART NUMBERS/SERIES/FAMILIES AFFECTED :** Involved part numbers are listed in below table.

Existing P/N	New Rev. P/N	Existing P/N	New Rev. P/N
NS8ATHE3/45	NS8ATHE3_A/P	NSB8GTHE3/81	NSB8GTHE3_A/I
NS8BTHE3/45	NS8BTHE3_A/P	NSB8JTHE3/45	NSB8JTHE3_A/P
NS8DTHE3/45	NS8DTHE3_A/P	NSB8JTHE3/81	NSB8JTHE3_A/I
NS8GTHE3/45	NS8GTHE3_A/P	NSB8KTHE3/45	NSB8KTHE3_A/P
NS8JTHE3/45	NS8JTHE3_A/P	NSB8KTHE3/81	NSB8KTHE3_A/I
NS8KTHE3/45	NS8KTHE3_A/P	NSB8MTHE3/45	NSB8MTHE3_A/P
NS8MTHE3/45	NS8MTHE3_A/P	NSB8MTHE3/81	NSB8MTHE3_A/I
NSB8ATHE3/45	NSB8ATHE3_A/P	NSF8ATHE3/45	NSF8ATHE3_A/P
NSB8ATHE3/81	NSB8ATHE3_A/I	NSF8BTHE3/45	NSF8BTHE3_A/P
NSB8BTHE3/45	NSB8BTHE3_A/P	NSF8DTHE3/45	NSF8DTHE3_A/P
NSB8BTHE3/81	NSB8BTHE3_A/I	NSF8GTHE3/45	NSF8GTHE3_A/P
NSB8DTHE3/45	NSB8DTHE3_A/P	NSF8JTHE3/45	NSF8JTHE3_A/P
NSB8DTHE3/81	NSB8DTHE3_A/I	NSF8KTHE3/45	NSF8KTHE3_A/P
NSB8GTHE3/45	NSB8GTHE3_A/P	NSF8MTHE3/45	NSF8MTHE3_A/P

**VISHAY BRAND :** Vishay General Semiconductor

**TIME SCHEDULE :** Start shipment date : November 25, 2015

Last time buy of existing P/N : February 25, 2016

Last time ship of existing P/N : August 25, 2016



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**SAMPLE AVAILABILITY** : Available upon request.

**PRODUCT IDENTIFICATION** : Adding underscore ( \_ ) + revision code “X (X=A, B,...)” following by the base part number as the identification. Meanwhile, the package code will be simplified as communicated already in Fast Fact # FF-DD-002-2015 issued in April 2015 for details.

**QUALIFICATION DATA** : Available upon request.

**RESPONSE DATE** : This PCN is considered approved, without further notification, unless we receive specific customer concerns before **November 21, 2015** or as specified by contract.

**ISSUED BY :**

R.S. Chin, Product Marketing Director – Rectifiers (Standard & Schottky)

**For further information, please contact your regional Vishay office.**

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