



# Product Change Notification



Product Group: Diodes Division / August 14, 2017 / PCN-DD-010-2017 Rev 0

## 4-inch Wafer Conversion of Fast & Ultrafast Rectifiers for Automotive Qualified Products

### DESCRIPTION OF CHANGE:

Vishay Diodes Division will change wafer diameter of Fast & Ultrafast Rectifiers from 3 inch to 4 inch for Automotive grade Rectifiers in SMP, Melf and GF1 packages. Qualification test has been confirmed to meet all specification for automotive grade.

**CLASSIFICATION OF CHANGE:** Wafer diameter

**REASON FOR CHANGE:** To secure material supplying

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

No change in form, fit, function and reliability performance

**PRODUCT CATEGORY:** Rectifier

### PART NUMBERS/SERIES/FAMILIES AFFECTED:

All affected part numbers as well as new part numbers revision are introduced as table shown.

Existing P/N	New Rev. P/N	Existing P/N	New Rev. P/N
BYM07-100HE3/83	BYM07-100HE3_A/I	BYM12-50HE3/96	BYM12-50HE3_A/H
BYM07-100HE3/98	BYM07-100HE3_A/H	BYM12-50HE3/97	BYM12-50HE3_A/I
BYM07-150HE3/83	BYM07-150HE3_A/I	EGF1AHE3/5CA	EGF1AHE3_A/I
BYM07-150HE3/98	BYM07-150HE3_A/H	EGF1AHE3/67A	EGF1AHE3_A/H
BYM07-200HE3/83	BYM07-200HE3_A/I	EGF1B-1HE3/5CA	EGF1B-1HE3_A/I
BYM07-200HE3/98	BYM07-200HE3_A/H	EGF1B-1HE3/67A	EGF1B-1HE3_A/H
BYM07-300HE3/83	BYM07-300HE3_A/I	EGF1BHE3/5CA	EGF1BHE3_A/I
BYM07-300HE3/98	BYM07-300HE3_A/H	EGF1BHE3/67A	EGF1BHE3_A/H
BYM07-400HE3/83	BYM07-400HE3_A/I	EGF1CHE3/5CA	EGF1CHE3_A/I
BYM07-400HE3/98	BYM07-400HE3_A/H	EGF1CHE3/67A	EGF1CHE3_A/H
BYM07-50HE3/83	BYM07-50HE3_A/I	EGF1D-2HE3/67A	EGF1D-2HE3_A/H
BYM07-50HE3/98	BYM07-50HE3_A/H	EGF1DHE3/5CA	EGF1DHE3_A/I
BYM11-1000HE3/96	BYM11-1000HE3_A/H	EGF1DHE3/67A	EGF1DHE3_A/H
BYM11-1000HE3/97	BYM11-1000HE3_A/I	EGL34AHE3/83	EGL34AHE3_A/I
BYM11-800HE3/96	BYM11-800HE3_A/H	EGL34AHE3/98	EGL34AHE3_A/H
BYM11-800HE3/97	BYM11-800HE3_A/I	EGL34BHE3/83	EGL34BHE3_A/I
BYM12-100HE3/96	BYM12-100HE3_A/H	EGL34BHE3/98	EGL34BHE3_A/H
BYM12-100HE3/97	BYM12-100HE3_A/I	EGL34CHE3/83	EGL34CHE3_A/I
BYM12-150HE3/96	BYM12-150HE3_A/H	EGL34CHE3/98	EGL34CHE3_A/H
BYM12-150HE3/97	BYM12-150HE3_A/I	EGL34DHE3/83	EGL34DHE3_A/I
BYM12-200HE3/96	BYM12-200HE3_A/H	EGL34DHE3/98	EGL34DHE3_A/H
BYM12-200HE3/97	BYM12-200HE3_A/I	EGL34FHE3/83	EGL34FHE3_A/I
BYM12-300HE3/96	BYM12-300HE3_A/H	EGL34FHE3/98	EGL34FHE3_A/H
BYM12-300HE3/97	BYM12-300HE3_A/I	EGL34GHE3/83	EGL34GHE3_A/I
BYM12-400HE3/96	BYM12-400HE3_A/H	EGL34GHE3/98	EGL34GHE3_A/H
BYM12-400HE3/97	BYM12-400HE3_A/I	EGL41AHE3/96	EGL41AHE3_A/H



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Existing P/N	New Rev. P/N	Existing P/N	New Rev. P/N
EGL41AHE3/97	EGL41AHE3_A/I	RGF1MHE3/5CA	RGF1MHE3_A/I
EGL41BHE3/96	EGL41BHE3_A/H	RGF1MHE3/67A	RGF1MHE3_A/H
EGL41BHE3/97	EGL41BHE3_A/I	RGL41KHE3/96	RGL41KHE3_A/H
EGL41CHE3/96	EGL41CHE3_A/H	RGL41KHE3/97	RGL41KHE3_A/I
EGL41CHE3/97	EGL41CHE3_A/I	RGL41MHE3/96	RGL41MHE3_A/H
EGL41DHE3/96	EGL41DHE3_A/H	RGL41MHE3/97	RGL41MHE3_A/I
EGL41DHE3/97	EGL41DHE3_A/I	RS1PBHM3/84A	RS1PBHM3_A/H
EGL41FHE3/96	EGL41FHE3_A/H	RS1PBHM3/85A	RS1PBHM3_A/I
EGL41FHE3/97	EGL41FHE3_A/I	RS1PDHM3/84A	RS1PDHM3_A/H
EGL41GHE3/96	EGL41GHE3_A/H	RS1PDHM3/85A	RS1PDHM3_A/I
EGL41GHE3/97	EGL41GHE3_A/I	RS1PGHM3/84A	RS1PGHM3_A/H
RGF1KHE3/5CA	RGF1KHE3_A/I	RS1PGHM3/85A	RS1PGHM3_A/I
RGF1KHE3/67A	RGF1KHE3_A/H	RS1PJHM3/84A	RS1PJHM3_A/H
RGF1M-7000HE3/5CA	RGF1M-7000HE3_A/I	RS1PJHM3/85A	RS1PJHM3_A/I

**VISHAY BRAND:** Vishay General Semiconductor

**TIME SCHEDULE:** Start conversion date: October 15, 2017  
Last time buy date of existing P/N: February 14, 2018  
Last time shipment date of existing P/N: August 14, 2018

**SAMPLE AVAILABILITY:** Available upon request

**PRODUCT IDENTIFICATION:** Adding underscore ( \_ ) + revision code "A" following base part number as the identification. Meanwhile, the package code will be simplified. Please refer to Fast Fact #FF-DD-002-2015 for details.

**QUALIFICATION DATA:** Available upon request

**RESPONSE DATE:** This PCN is considered approved, without further notification, unless we receive specific customer concerns before **October 14, 2017** or as specified by contract. Also the generic LTB/LTS schedule could be changed upon specific contract.

**ISSUED BY:** RS Chin, Production Marketing Director – Rectifiers (Standard & Schottky)  
Alessandro Bonaudo, Product Marketing Director – Rectifiers (Ultrafast recovery)

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

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