



## Additional Commercial Power MOSFET Manufacturing Capacity Expansion

**DESCRIPTION OF CHANGE:** To meet increasing demand for Power MOSFET products, Vishay Siliconix has expanded assembly and test capacity on commercial High Voltage Power MOSFETs in Vishay's I2PAK (TO262) package.

GEM Electronics Co., Ltd. has provided world-class total manufacturing services since 1998. GEM has been qualified since 2010 to assemble and test High Voltage MOSFETs built in DPAK for Vishay Siliconix. The GEM factory has received international quality systems and environmental compliance certifications ISO9001 and ISO14001.

**CLASSIFICATION of CHANGE:** Manufacturing Capacity Expansion

**EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE:** There will be no affect on the quality, reliability, or performance. There will be no changes in minimum and maximum values on the data sheets.

**PRODUCT CATAGORY:** Commercial High Voltage Power MOSFETs

**PART NUMBERS/SERIES/FAMILIES AFFECTED:** See page 2 of this PCN.

**VISHAY BRAND(s):** Vishay Siliconix

**TIME SCHEDULE:** Shipments of I2PAK (TO262) products manufactured at GEM will begin in October 2017.

**SAMPLE AVAILABILITY:** Please contact your regional Vishay Sales office for sample availability.

**QUALIFICATION DATA:** Qualification results are available upon request.

**PRODUCT IDENTIFICATION:** Products manufactured at GEM will be identified by a "9" in the first position of the datecodes marked on the 3<sup>rd</sup> line of the part.

**This PCN is considered approved, without further notification, unless we receive specific customer concerns before October 18, 2017 or as specified by contract.**

**ISSUED BY:** Don Larson, Vishay Siliconix, Technical Marketing  
E-mail address: [don.larson@Vishay.com](mailto:don.larson@Vishay.com)

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

### CONTACT INFORMATION:

#### The Americas

Vishay Americas  
2201 Laurelwood Rd  
Santa Clara, Ca 95054  
T: 408-567-8500  
F: 2408-567-8942

#### Europe

Vishay Electronic GmbH  
Dr.-Felix-Zandman-Platz 1 100  
D-95100  
Selb, Germany  
T: 49-9287-71 0  
F: 49-9287-70435

#### Asia

Vishay Intertechnology Asia Pte. Ltd  
25 Tampines Street 92  
#02-00 Keppel Building  
Singapore 52887  
T: 65-6780-7838  
F: 65-6780-7791



# Product Change Notification



Product Group: Vishay Siliconix/July 18, 2017/PCN SIL-0082017

## PCN-SIL-0082017 Parts List

### I2PAK Part List

IRF610LPBF	IRFBC40LPBF	SIHF720L-GE3	SIHFBC20L-GE3
IRF720LPBF	IRFBE30LPBF	SIHF730AL-GE3	SIHFBC30AL-GE3
IRF740ALPBF	IRFBF20LPBF	SIHF740AL-GE3	SIHFBC30L-GE3
IRF820ALPBF	IRFSL11N50APBF	SIHF820AL-GE3	SIHFBC40L-GE3
IRF820LPBF	IRFSL9N60APBF	SIHF820L-GE3	SIHFBE30L-GE3
IRF830ALPBF	IRFZ34LPBF	SIHF830AL-GE3	SIHFBF20L-GE3
IRF830LPBF	IRFZ44LPBF	SIHF830L-E3	SIHFSL9N60A-GE3
IRF840ALPBF	IRL520LPBF	SIHF830L-GE3	SIHFZ14L-GE3
IRF840LCLPBF	IRLZ14LPBF	SIHF840AL-GE3	SIHFZ34L-GE3
IRF840LPBF	IRLZ24LPBF	SIHF840LCL-GE3	SIHFZ44L-GE3
IRF9640LPBF	IRLZ34LPBF	SIHF840L-GE3	SIHFZ48L-GE3
IRF9Z14LPBF	SIHF610L-GE3	SIHF9640L-GE3	SIHL520L-GE3
IRFBC30ALPBF	SIHF640L-GE3	SIHF9Z14L-GE3	SIHLZ24L-GE3