



# Product Change Notification



Product Group: Opto Modules & Visibles 04-DEC-2018 / PCN OMV-1052-2018 Rev. 0

## TITLE: Redesign for the H11D, SFH601, SFH619A and SFH640 series optocoupler products

**DESCRIPTION OF CHANGE:** An alternative design for the H11D, SFH601, SFH619A and SFH640 series optocoupler products is being introduced. The existing die and manufacturing location will change. The new manufacturing location is currently used for similar optocouplers. As a result here is a slight difference in the dimensions of the package from this location. The packages still conform to the industry standards. There are some electrical specification changes as well, the main ones are as follows:  
H11D series: Max load current changed to 50 mA from 100mA  
SFH601 series: Max VF at 60mA increased to 1.45 V from 1.25 V  
SFH619A Series: Max IF is decreased to 50 mA from 60mA.  
SFH640 series: Max load current changed to 50 mA from 100mA  
All: VISO is changed from 5300 for 1 second to 5000V for 1 minute  
Storage temperature is changed from 150C to 125C

**CLASSIFICATION OF CHANGE:** Wafer/Chip/Pellet Layout/Design / Wafer/Chip/Pellet Site / Bill of Material (Major) / Assembly Site / Test Site

**REASON FOR CHANGE:** This change was brought about by the obsolescence of the current chip by the chip supplier.

**EXPECTED INFLUENCE ON QUALITY RELIABILITY / PERFORMANCE:** These products have undergone a comprehensive qualification and characterization program. There is no adverse effects on the quality of the product. The typical performance of the part has changed slightly. A review of any application operating close to the current limits is recommended.

**PRODUCT CATEGORY:** Optocouplers, Isolators

**PART NUMBERS / SERIES / FAMILIES AFFECTED:**  
This change is being implemented on the following parts only:  
H11D1 series:  
H11D1, H11D1-X007, H11D1-X007T, H11D1-X009, H11D1-X009T, H11D1-X017T  
H11D2, H11D2-X007  
H11D3  
SFH601 Series:  
SFH601-1  
SFH601-2, SFH601-2X016  
SFH601-3, SFH601-3X007T, SFH601-3X009, SFH601-3X016, SFH601-3X017T  
SFH601-4X007T  
SFH619A series:  
SFH619A, SFH619A-X007, SFH619A-X007T, SFH619A-X009, SFH619A-X009T  
SFH640 Series:  
SFH640-2, SFH640-2X007  
SFH640-3, SFH640-3X007, SFH640-3X007T, SFH640-3X019, SFH640-3X019T

**VISHAY BRAND(s):** VISHAY SEMICONDUCTORS

### TIME SCHEDULE:

Start Shipment Date: 04-FEB-2019

**SAMPLES AVAILABLE BEGINNING:** 26-NOV-2018

### Annotations about time schedule:

This change will be implemented as soon as it is possible. Components can ship immediately with customer approval. In the event that no response to the contrary is received, Components will start shipping on or after the Start Shipment Date indicated. The exact date will be a function of the depletion of the existing

We need samples for evaluation: Yes No  
If Yes return this form to contact information below.

product inventories. Final orders can only be accepted on or before the last order date and are subject to the availability. Early ordering is strongly recommended!

**PRODUCT IDENTIFICATION:** New product can be identified by factory code "25"

**QUALIFICATION DATA:** This change has been rigorously qualified by company and industry standard qualifications. The qualification Data is available upon request.

**This PCN is considered approved, without further notification, unless we receive specific customer concerns before: 28-JAN-2019 or as specified by contract.**

**ISSUED BY:**

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

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## Attached Part Number List:

PCN OMV-1052-2018 parts list, H11D1, H11D1-X007, H11D1-X007T, H11D1-X009, H11D1-X009T, H11D1-X017T, H11D2, H11D2-X007, H11D3, SFH601-1, SFH601-2, SFH601-2X016, SFH601-3, SFH601-3X007T, SFH601-3X009, SFH601-3X016, SFH601-3X017T, SFH601-4X007T, SFH619A, SFH619A-X007, SFH619A-X007T, SFH619A-X009, SFH619A-X009T, SFH640-2, SFH640-2X007, SFH640-3, SFH640-3X007, SFH640-3X007T, SFH640-3X019, SFH640-3X019T,  
end of list,