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# Product Change Notification



Product Group: OPT/Tue Nov 5, 2024/PCN-OPT-1360-2024-REV-0

## Alternative Emitter and Detector for Optocouplers SFH601, SFH619A, SFH640, and H11Dx

For further information, please contact your regional Vishay office.

### CONTACT INFORMATION

#### Americas

Vishay Intertechnologies, Inc.  
2585 Junction Avenue  
-  
San Jose California United States 95134  
Phone: +1-408-567-8358  
Fax:  
jim.toal@vishay.com

#### Europe

VISHAY Semiconductor GmbH  
Theresienstrasse 2  
-  
Heilbronn Germany 74072  
Phone: +49-7131-7498-516  
Fax:  
boris.lazic@vishay.com

#### Asia

VISHAY Intertechnology Asia Pte. Ltd.  
37A Tampines Street 92  
#07-00  
Singapore Singapore 528886  
Phone: +65 6780 7879  
Fax:  
jason.soon@vishay.com

**Description of Change:** Vishay is implementing a chip change in the optocoupler product series SFH601, SFH619A, SFH640, and H11Dx due to the obsolescence of the original detector die. To ensure long-term supply, two alternative detectors have been qualified. In addition, an alternative emitter will be introduced.

SFH601: addition of an alternate emitter

SFH619A: addition of an alternate emitter and detector

SFH640 / H11Dx: two alternate detectors and an alternate emitter

**Reason for Change:** The detector die was discontinued by the manufacturer. The components covered by this PCN will start shipping on or after the below mentioned start shipment date unless already approved by customer. The exact date will depend on the depletion of the existing product inventories and current agreed contracts.

**Expected Influence on Quality/Reliability/Performance:** There is no change in form, fit, or function. The datasheet minimum and maximum performance parameters will remain the same. As there is no change in the safety parameters, the existing agency safety certifications remain valid. Nevertheless, we request our customers to test the product in their application.

**Part Numbers/Series/Families Affected:** Please see materials list on the succeeding page.

**Vishay Brand(S):** Vishay Semiconductors

#### Time Schedule:

Start Shipment Date: Sat Jan 4, 2025

**Sample Availability:** Samples are available upon request.

**Product Identification:** Product can be tracked by date code.

**Qualification Data:** These changes have been rigorously qualified to meet Vishay's and industry standard qualifications.

**This PCN is considered approved, without further notification, unless we receive specific customer concerns before Tue Dec 17, 2024 or as specified by contract.**

**Issued By:** Lars Bayer, lars.bayer@vishay.com

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|               |              |              |               |               |
|---------------|--------------|--------------|---------------|---------------|
| H11D1         | H11D1-X007   | H11D1-X007T  | H11D1-X009    | H11D1-X009T   |
| H11D1-X017T   | H11D2        | H11D2-X007   | H11D3         | SFH640-2      |
| SFH640-2X007  | SFH640-3     | SFH640-3X007 | SFH640-3X007T | SFH640-3X019  |
| SFH640-3X019T | SFH619A      | SFH619A-X007 | SFH619A-X007T | SFH619A-X009  |
| SFH619A-X009T | SFH601-1     | SFH601-2     | SFH601-2X016  | SFH601-3      |
| SFH601-3X007T | SFH601-3X009 | SFH601-3X016 | SFH601-3X017T | SFH601-4X007T |