

# **Product Change Notification**

Product Group: OPT/Thu May 11, 2023/PCN-OPT-1275-2023-REV-0



### TSHF5210, TSHF6210, TSHF5410, TSHF6410 - Change in Chip

For further information, please contact your regional Vishay office.

### **CONTACT INFORMATION**

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**Description of Change:** Introduction of new state-of-the art chip technology (MOCVD) to ensure long term availability of product series. Opto-electronical performance tailored to fit closest to prior performance.

Classification of Change: Introduction of new chip generation to ensure long term availability

**Expected Influence on Quality/Reliability/Performance:** No influence on quality and reliability expected. Neverthess, we recommend to test the product in customer application.

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

Vishay Brand(S): Vishay Semiconductors

Time Schedule:

Start Shipment Date: Fri Sep 1, 2023

Sample Availability: Thursday June 1, 2023

Product Identification: Date Code

Qualification Data: Available upon request

This PCN is considered approved, without further notification, unless we receive specific customer concerns before Mon Jul 31, 2023 or as specified by contract.

Issued By: Sebastian Riester, sebastian.riester@vishay.com

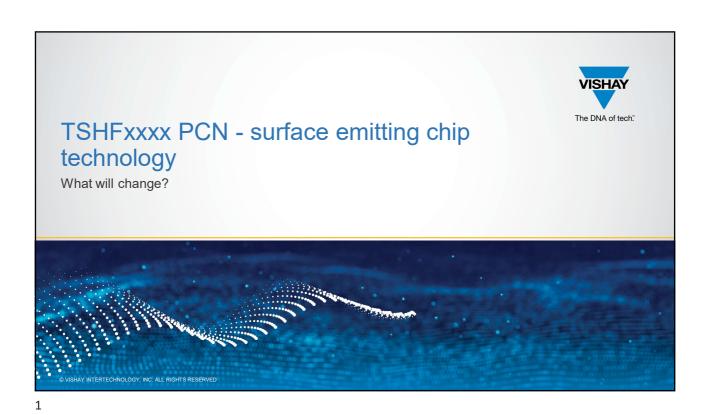


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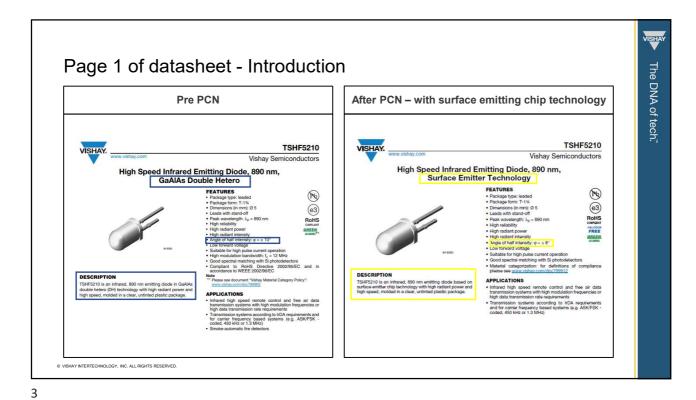
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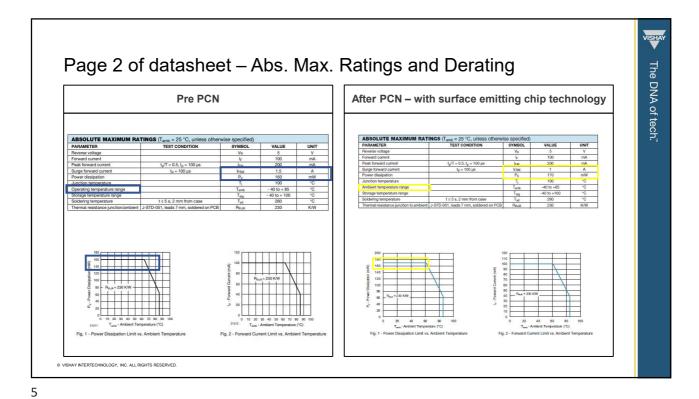
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TSHF5210	TSHF5210-ES21	TSHF5410	TSHF5410-ES21	TSHF6210
TSHF6210-CS21	TSHF6210-ES21	TSHF6410	TSHF6410-ASZ	TSHF6410-ES21
TSHF6410-KSZ				







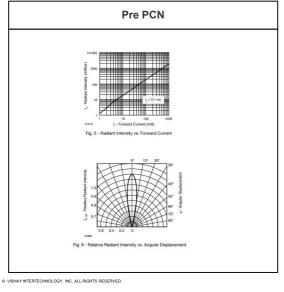


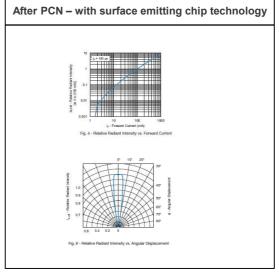
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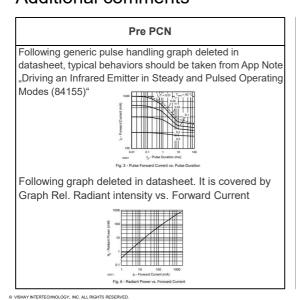
# Page 3 of datasheet – Graphs

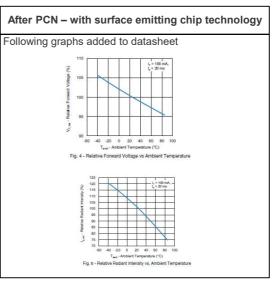




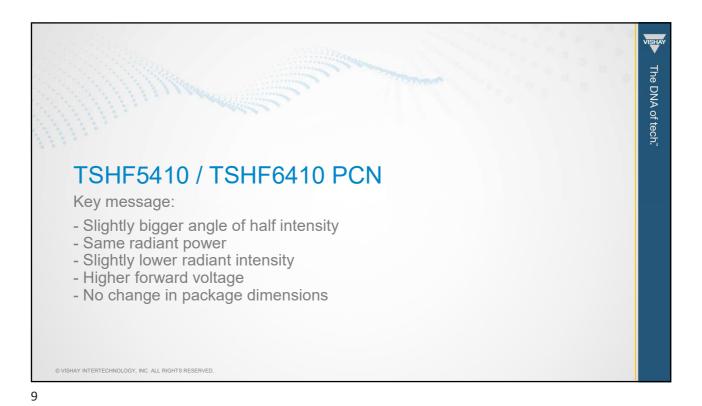
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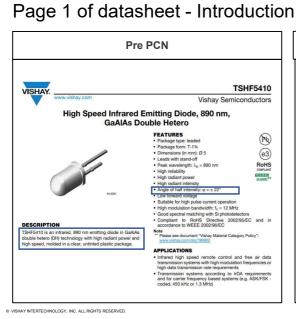
## Additional comments

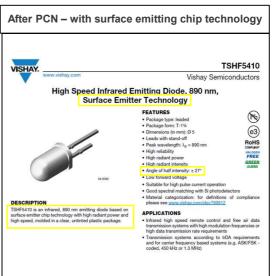




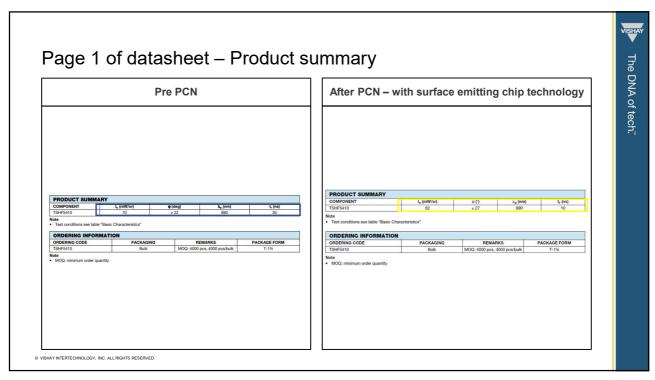
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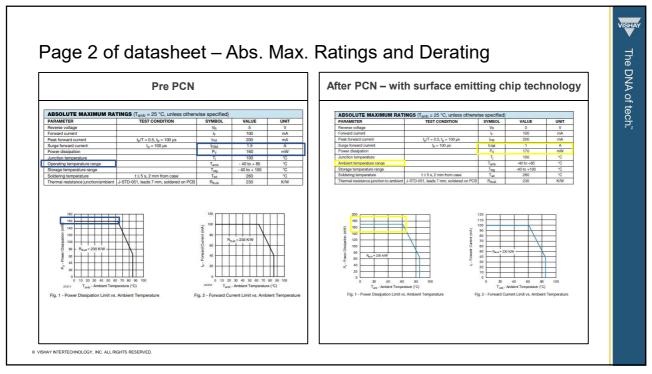


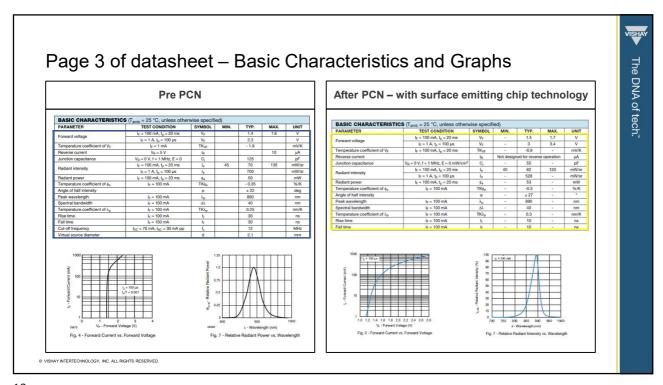


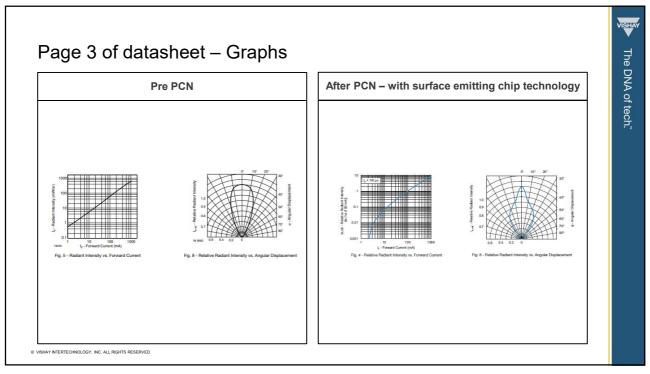


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# Additional comments Pre PCN Following generic pulse handling graph deleted in datasheet, typical behaviors should be taken from App Note, "Driving an Infrared Emitter in Steady and Pulsed Operating Modes (84155)" Following graph deleted in datasheet. It is covered by Graph Rel. Radiant intensity vs. Forward Current Following graph deleted in datasheet. It is covered by Graph Rel. Radiant intensity vs. Forward Current Following Replacements (C) Fig. 4- Forward Voltage vs. Analogous Temperature Fig. 4- For

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