



Product Change Notification



Product Group: OPT/Tue Jul 12, 2022/PCN-OPT-1219-2022-REV-0

Change of Quantity per Reel for LF based 0603 LEDs from 3kpcs (-GS08) to 5kpcs (-GS15)

DESCRIPTION OF CHANGE: The quantity per reel, the delivery unit (DU), as well as the minimum delivery quantity (MDQ) and the minimum order quantity (MOQ) is changed from 3kpcs per reel to 5kpcs per reel. The device name and order code suffix changes from -GS08 to -GS15.

Annotations about time schedule:

The new part names with the suffix -GS15 and 5kpcs per reel will be active from August 2022 onwards. The PCN is considered approved, without further notification, unless we receive specific customer concerns before 01-Sep-2022 or as specified by contract. New orders still using the old device names will be switched automatically to the new device names from 21-Oct-2022 onwards. Order quantities that do not match will be rounded up by the system. The old part names with the suffix -GS08 and 3kpcs per reel will remain until all pending orders and deliveries are processed.

REASON FOR CHANGE: To strengthen the packing structure (stability) and prevent damage during handling, by filling the empty space of the reel. To improve the productivity during SMT process and internal production operation.

EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE: There is no influence on quality, reliability and performance

PART NUMBERS/SERIES/FAMILIES AFFECTED: Please see materials list on the succeeding page.

VISHAY BRAND(s): Vishay Semiconductors

TIME SCHEDULE:

Start Shipment Date: Fri Oct 21, 2022

SAMPLE AVAILABILITY: 01-AUG-2022

PRODUCT IDENTIFICATION: New device names with suffix -GS15

QUALIFICATION DATA: n, a.

This PCN is considered approved, without further notification, unless we receive specific customer concerns before Thu Sep 1, 2022 or as specified by contract.

ISSUED BY: Harald Lunt, LED@vishay.com

For further information, please contact your regional Vishay office.

CONTACT INFORMATION:

Vishay Intertechnology, Inc.

Corporate Headquarters 63 Lincoln Highway, Malvern, PA 19355-2143 U.S.A. Phone (610) 644-1300 Fax (610) 296-0657 www.vishay.com

ONE OF THE WORLD'S LARGEST MANUFACTURERS OF DISCRETE SEMICONDUCTORS AND PASSIVE COMPONENT



Product Change Notification



Product Group: OPT/Tue Jul 12, 2022/PCN-OPT-1219-2022-REV-0

Americas

Vishay Intertechnologies, Inc., Business
Marketing The Americas - Opt
2585 Junction Avenue
San Jose California United States 95134-
1923
Phone: +1-408-567-8358
Fax: +1-408-240-568

Europe

VISHAY Semiconductor GmbH, Business
Marketing Europe - Opto
Theresienstr. 2
Heilbronn Germany D-74025
Phone: +49-7131-7498-645
Fax: +49-7131-67-3144

Asia

VISHAY Intertechnology Asia Pte. Ltd.,
Business Marketing Asia/Japan
25 Tampines Street 92
Keppel Building # 02-00
Singapore Singapore 528877
Phone: +65 6780 7879
Fax: +65 6780 7897

Vishay Intertechnology, Inc.

Corporate Headquarters 63 Lincoln Highway, Malvern, PA 19355-2143 U.S.A. Phone (610) 644-1300 Fax (610) 296-0657 www.vishay.com

ONE OF THE WORLD'S LARGEST MANUFACTURERS OF DISCRETE SEMICONDUCTORS AND PASSIVE COMPONENT



Product Change Notification



Product Group: OPT/Tue Jul 12, 2022/PCN-OPT-1219-2022-REV-0

TLMG1100-GS08	TLMO1000-GS08	TLMO1100-GS08	TLMP1100-GS08	TLMS1000-GS08
TLMS1100-GS08	TLMS1101-GS08	TLMY1000-GS08	TLMY1100-GS08	VLMY10J2K2-4-GS08

Vishay Intertechnology, Inc.

Corporate Headquarters 63 Lincoln Highway, Malvern, PA 19355-2143 U.S.A. Phone (610) 644-1300 Fax (610) 296-0657 www.vishay.com



ONE OF THE WORLD'S LARGEST MANUFACTURERS OF DISCRETE SEMICONDUCTORS AND PASSIVE COMPONENT

PCN OPT-1219-2022

Change of packing quantity for lead-frame based 0603 LEDs
from 3000pcs/reel to 5000pcs/reel

Details of Change

- Change of taping **quantity per reel**
(Reel size remains 180mm)
- The taping quantity per reel will be changed **from 3000 pieces per reel to 5000 pieces per reel**
- **MOQ and DU** will be also changed **from 3000pcs to 5000pcs**
- Part name suffix change **from ... -GS08 to ... -GS15**

Taping qty	
Taping 3000pcs (Current)	
Taping 5000pcs (after change)	

Details of Change

Reason for the change:

- to **strengthen the packing structure** (stability) and prevent damage to the empty space of the reel.
- to **improve the productivity** during SMT process and internal production.

Scope of change:

Only the part name suffix, the number of units per reel, and consequently the smallest physical packing unit which is labelled - and the minimum order quantity are changed. The parts itself and the reel dimensions remain the same.

- *No changes of Form Fit and Function*
- *No physical changes on the parts itself (materials, chip, bond pads, wire bond, part dimensions, etc. ... all materials remain the same)*
- *No changes on datasheet parameters, electrical or optical performance, typical values*
- *No impact on reliability performance of the parts, no new qualification required*
- *No changes on tape and reel dimensions*
- *No changes on packing materials*

Details of Change

Affected Part Numbers (Part Name Change):

Old Part Name	New Part Name
TLMG1100-GS08	TLMG1100-GS08
TLMO1000-GS08	TLMO1000-GS08
TLMO1100-GS08	TLMO1100-GS08
TLMP1100-GS08	TLMP1100-GS08
TLMS1000-GS08	TLMS1000-GS08
TLMS1100-GS08	TLMS1100-GS08
TLMS1101-GS08	TLMS1101-GS08
TLMY1000-GS08	TLMY1000-GS08
TLMY1100-GS08	TLMY1100-GS08
VLMY10J2K2-4-GS08	VLMY10J2K2-4-GS08

Details of Change

Change Schedule:

The new part names with the suffix -GS15 and 5kpcs per reel will be onwards.

The PCN is considered approved, without further notification, unless concerns before 01-Sep-2022 or as specified by contract.

New orders still using the old device names will be switched automat from 21-Oct-2022 onwards. Order quantities that do not match will be

The old part names with the suffix –GS08 and 3kpcs per reel will rem deliveries are processed.

Identification, tracking of the change:

→ by the new part number with suffix ...-GS15