



Product Change Notification



Product Group: Opto Modules & Visibles 10-JUN-2021 / PCN OMV-1184-2021 Rev. 0

TITLE: Qualification of alternate LED chips for PLCC and MiniSMD using GaAsP and GaP Technology

DESCRIPTION OF CHANGE: Vishay is introducing alternate LED Chips for PLCC- and MiniSMD-LEDs using GaAsP and GaP Technology. There will be no Impact on form fit and function.
Due to low demand in automotive applications, the qualification is not extended for AEC-Q10x release. Considering the capabilities of these long term established die technologies regarding electrical life performance, the maximum allowed forward current will be limited to 20mA. For applications requiring higher brightness performance alternative parts using AlInGaP chip technology are available in Vishays Portfolio.

CLASSIFICATION OF CHANGE: Direct Materials (Major)

REASON FOR CHANGE: Obsolescence of currently used LED Chips.

EXPECTED INFLUENCE ON QUALITY RELIABILITY / PERFORMANCE: No influence on Quality, reliability and Performance expected. Products are qualified according Vishay's high Quality Standard for non automotive products. Nevertheless we recommend that the customers are testing the parts in their application.

PRODUCT CATEGORY: LEDs

PART NUMBERS / SERIES / FAMILIES AFFECTED:

LEDs / Device families: VLMA31..., VLMC31..., VLMG31..., VLMH31..., VLMO31..., VLMP31..., VLMS31..., VLMT31..., VLMY31..., VLMV31..., VLMG21..., VLMO21..., VLMS21..., VLMT21..., VLMY21...

VISHAY BRAND(s): VISHAY SEMICONDUCTORS

TIME SCHEDULE:

Start Shipment Date: 01-OCT-2021

SAMPLES AVAILABLE BEGINNING: 15-JUL-2021

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

Annotations about time schedule:

The components covered by this PCN will start shipping on or after Oct 1st 2021. The exact date will be a function of the depletion of the existing product inventories.

PRODUCT IDENTIFICATION: Date Code

QUALIFICATION DATA: Available on request.

This PCN is considered approved, without further notification, unless we receive specific customer concerns before: 15-SEP-2021 or as specified by contract.

ISSUED BY:

PM: Harald Lunt, Product Marketing Visibles

Phone: +49 7131 7498 615

Email: harald.lunt@vishay.com

For further information, please contact your regional Vishay office.

CONTACT INFORMATION:

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

VISHAY Intertechnologies, Inc.
Business Marketing The Americas - Opto
2585 Junction Avenue
San Jose, California 95134-1923
United States of America
Phone: +1-408-567-8358
Fax: +1 408-240-5687

VISHAY Semiconductor GmbH
Business Marketing Europe Opto
Theresienstr. 2
D-74025 Heilbronn
Germany
Phone: +49-7131-67-2113
Fax: +49-7131-67-3144



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Attached Part Number List:

PNL_OMV-1184-2021

Material

1432311.
436.034.121.00
436.034.131.00
436.034.141.00
436.045.021.00
436.045.031.00
436.045.041.00
436.045.051.00
VLMA3100-GS08
VLMA3100-GS18
VLMA3101-GS08
VLMA3101-GS18
VLMC3100-GS08
VLMC3100-GS18
VLMC3101-GS08
VLMC3101-GS18
VLMG21J2L1-GS08
VLMG21J2M1-GS08
VLMG21K1L2-GS08
VLMG3100-GS08
VLMG3100-GS18
VLMG3102-GS08
VLMG3102-GS18
VLMG3105-GS08
VLMG3105-GS18
VLMG31K1L2-GS08
VLMG31K1L2-GS18
VLMG31K1M2-GS08
VLMG31K1M2-GS18
VLMG31L1M2-GS08
VLMG31L1M2-GS18

VLMH3100-GS08
VLMH3100-GS18
VLMH3101-GS08
VLMH3101-GS18
VLMH3102-GS08
VLMH3102-GS18
VLMO2100-GS08
VLMO21J2L1-GS08
VLMO3100-GS08
VLMO3100-GS18
VLMO31J1K2-GS08
VLMO31J1K2-GS18
VLMO31J1L2-GS08
VLMO31J1L2-GS18
VLMO31K1L2-GS08
VLMO31K1L2-GS18
VLMP3100-GS08
VLMP3100-GS18
VLMP3102-GS08
VLMP3102-GS18
VLMP31G2J1-GS08
VLMP31G2J1-GS18
VLMP31H2J2-GS08
VLMP31H2J2-GS18
VLMS2100-GS08
VLMS21H2L1-GS08
VLMS21J2L1-GS08
VLMS3100-GS08
VLMS3100-GS18
VLMS31J1K2-GS08
VLMS31J1K2-GS18
VLMS31J1L2-GS08
VLMS31J1L2-GS18
VLMS31J2L1-GS08
VLMS31J2L1-GS18
VLMS31K1L2-GS08
VLMS31K1L2-GS18
VLMT3100-GS08
VLMT3100-GS18
VLMV3100-GS08
VLMV3100-GS18
VLMY2100-GS08
VLMY3100-GS08
VLMY3100-GS18

VLMY3101-GS08
VLMY3101-GS18
VLMY3102-GS08
VLMY3102-GS18
VLMY31J1K2-GS08
VLMY31J1K2-GS18
VLMY31J1L2-GS08
VLMY31J1L2-GS18
VLMY31J2K2-GS08
VLMY31J2K2-GS18
VLMY31K1L2-34-GS08
VLMY31K1L2-GS08
VLMY31K1L2-GS18