

Product Change Notice

Issue Date: 22-February-2022

Change Type:

Introduction of replacement die for below part numbers.

Parts Affected:

Refer to appendix

Description and Extent of Change:

The new die (AlInGaP) will replace the existing die (GaP) for all affected part numbers. The new die (AlInGaP) is qualified per Broadcom's qualification process.

Reasons for Change:

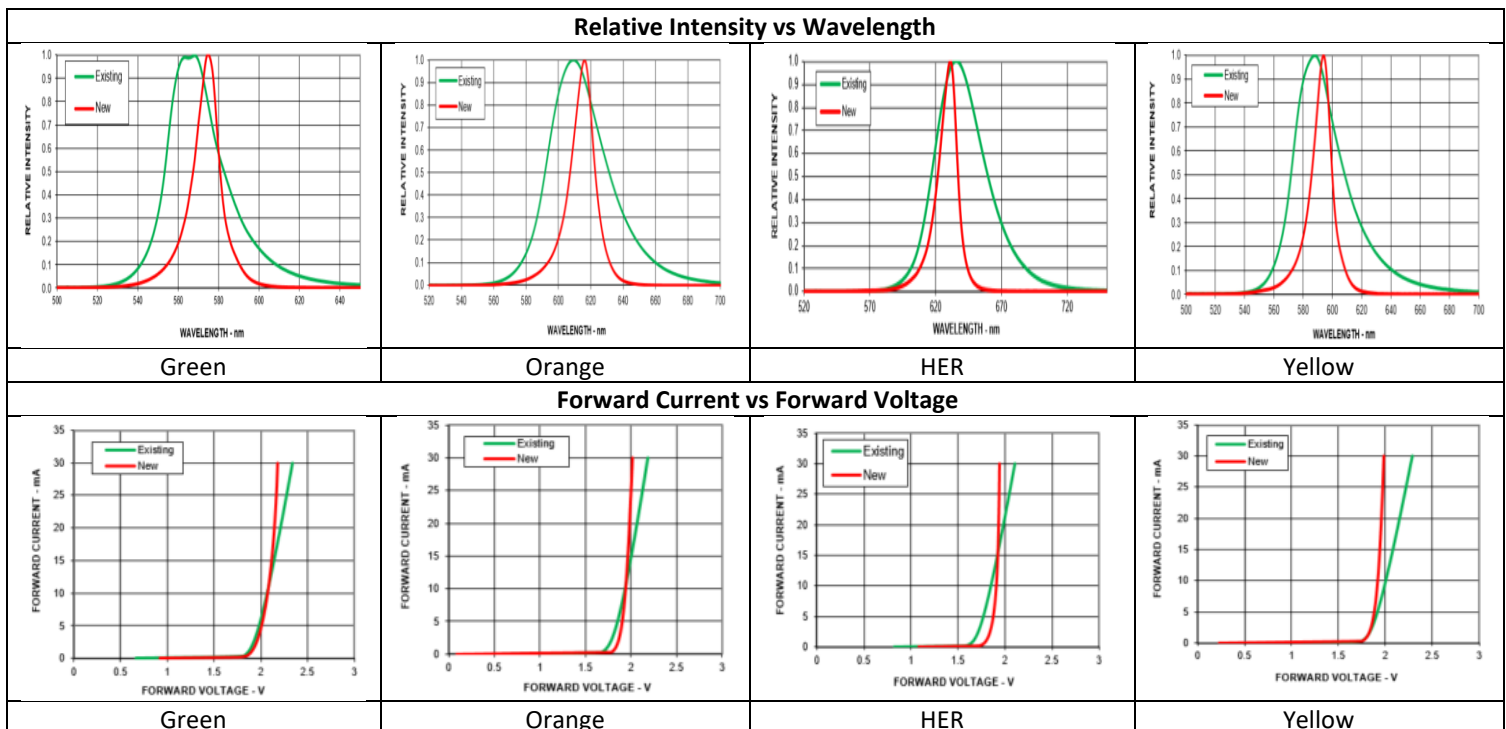
Obsolescence of existing die

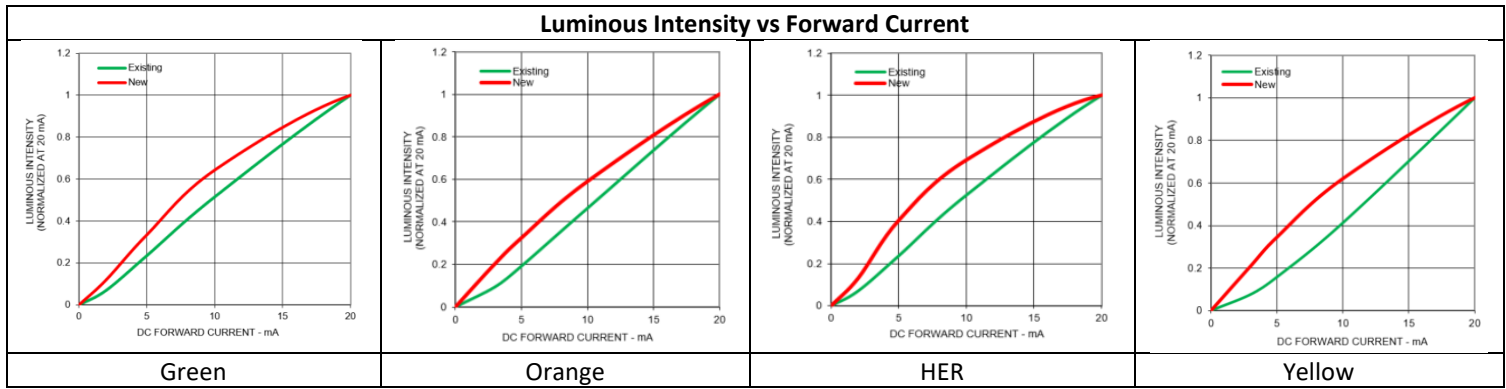
Effect of Change on Fit, Form, Function, Quality, or Reliability:

There is no change in fit, form, quality and reliability of the final product.

Following are the changes in product characteristic,

1. Relative Intensity vs Wavelength
2. Forward Current vs Forward Voltage
3. Luminous Intensity vs Forward Current





Effective Date of Change:

Effective 23-May-2022.

Shipment may contain parts from existing die and new die starting 23-May-2022 until the inventory of existing die is fully depleted.

Qualification Data:

Qualification data will be provided upon request.

Please contact your Broadcom field sales engineer or Contact Center for any questions or support requirements. Please acknowledge the receipt of the notice within 30 days of delivery. Lack of acknowledgement within 30 days constitutes acceptance of the change per JEDEC J-STD-046.

Appendix:

Part number list:

BSMG-C190-000AA	HSMG-C190	HSMY-C190	QSMS-C198
HSMD-C110	HSMG-C190-000C1	HSMY-C191	QSMY-C173
HSMD-C120	HSMG-C191	HSMY-C197	QSMY-C198
HSMD-C150	HSMG-C197	HSMY-C280	HSMD-C240
HSMD-C170	HSMG-C265	QSMC-C193	HSMF-C180
HSMD-C190	HSMG-C280	QSMF-C155	HSMF-C180-000A2
HSMD-C191	HSMS-C110	QSMF-C15C	HSMF-C181
HSMD-C197	HSMS-C120	QSMG-C173	HSMF-C185
HSMF-C153	HSMS-C150	QSMG-C174	HSMG-C240
HSMF-C155	HSMS-C170	QSMG-C178	HSMG-C680
HSMF-C156	HSMS-C177	QSMG-C193	HSMS-C240
HSMF-C157	HSMS-C190	QSMG-C198	HSMS-C680
HSMF-C165	HSMS-C191	QSMG-C199	HSMY-C240
HSMF-C166	HSMS-C191-000TW	QSMG-C19B	HSMY-C680
HSMF-C167	HSMS-C197	QSMG-C19E	QSMF-C155-000CN
HSMG-C110	HSMS-C280	QSMG-C19L	QSMF-C16K
HSMG-C120	HSMY-C110	QSMG-C19S	QSMY-C154
HSMG-C150	HSMY-C150	QSMG-C19U	QSMG-C125
HSMG-C170	HSMY-C170	QSMG-E19S	
HSMG-C177	HSMY-C177	QSMS-C192	