

Product Change Notice

Issue Date: 21st April 2022

Change Description:

Introduce a new LED dice source

Parts Affected:

ASMW-LG00-NY10E

Description and Extent of Change:

The new dice shall be replacing the current dies used in the above part number.

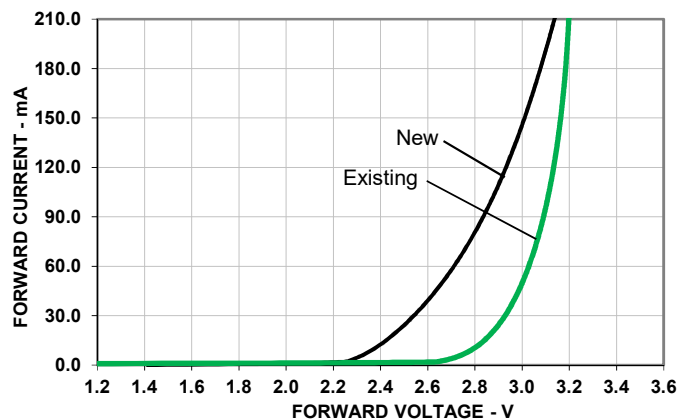
Reasons for Change:

Assurance of dice supply.

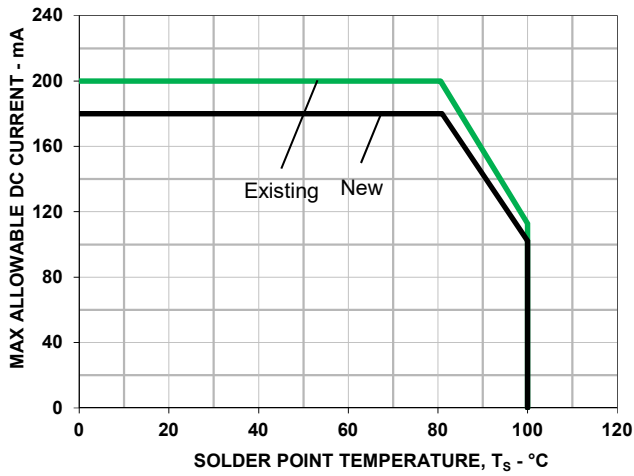
Effect of Change on Fit, Form, Function, Quality, or Reliability:

There is no change on fit & form. Max Current change from 200mA to 180mA. Thermal Resistance: 60°C/W to 70 °C/W. Characteristic differences as illustrated below:

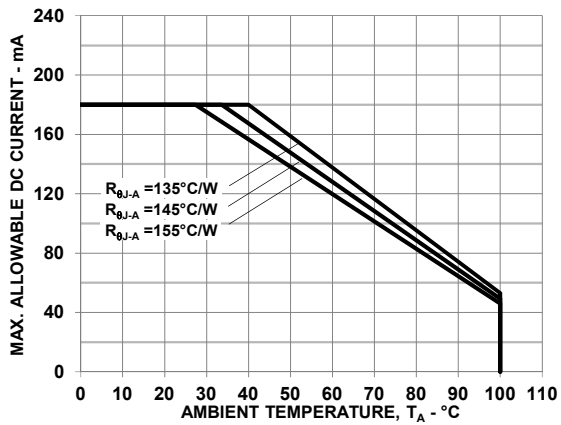
Forward Voltage



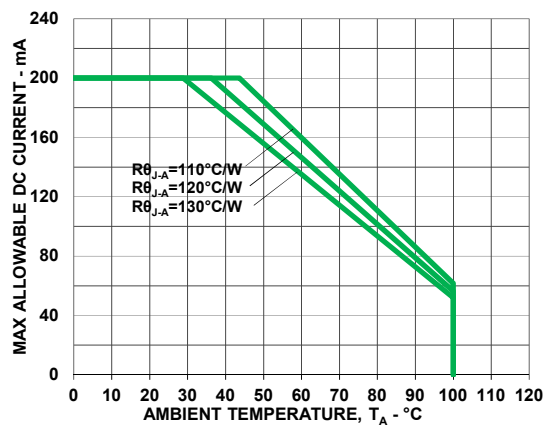
Derating Curve



New

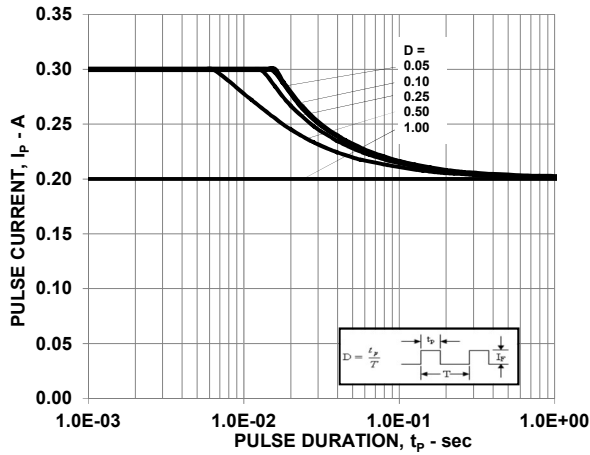


Current



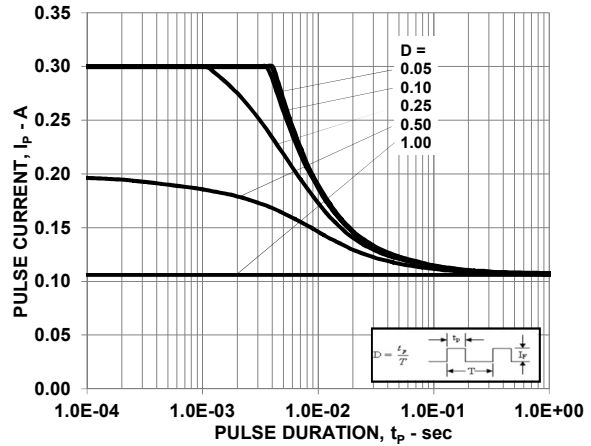
Current

Pulse Handling Capability @ <76°C



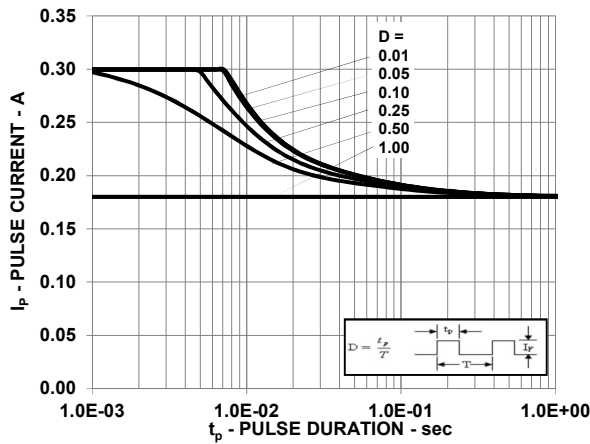
Current

Pulse Handling Capability @ 100°C



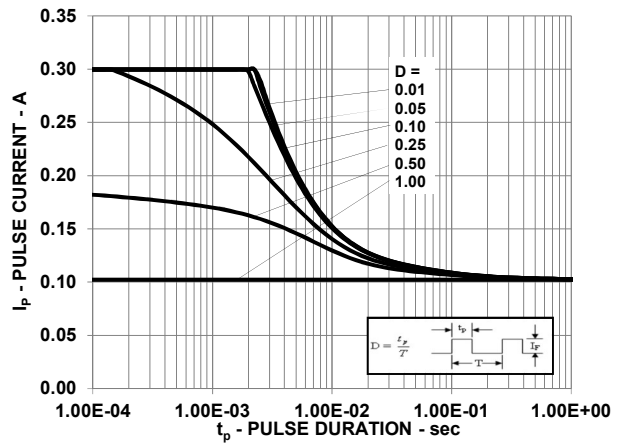
New

Pulse Handling Capability @ <79°C



New

Pulse Handling Capability @ 100°C



Effective Date of Change:

Shipment with the above changes will commence 90 days after the issuance date above.

Qualification Data:

No change in reliability performance. Qualification data will be available upon request.

Please contact your Broadcom field sales engineer or Contact Center for any questions or support requirements. Please return any response as soon as possible, but not to exceed 90 days.