

Product Change Notice

Issue Date: 28th Dec 2020

Change Type:

New die source (Red, Green and Blue) and Standard Packaging Incremental (SPI) quantity change for part numbers listed below.

Parts Affected:

ASMT-YTB2-0BB02	ASMT-YTC2-0AA02	ASMT-YTD2-0BB02
Q1MT-YTB2-0AA02	QSMT-YTB2-0AA1Z	QSMT-YTB2-0BA0Z
QSMT-YTB2-0BB0Z	QSMT-YTB2-0CC02	ASMT-YTB2-ZBB02
QSMT-YTB2-ZBB02	QSMT-YTB2-ZBA0Z	Q2MT-YTB2-ZBB02

Description and Extent of Change:

The new die shall be replacing the current die for the part numbers listed above. The new green and blue dice have lower forward voltage and higher luminous intensity but no change in product fit and form. The Standard Packaging Incremental (SPI) will be changed from 1000pcs to 2000pcs per reel.

Reasons for Change:

Assurance of supply and product improvement.

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

There is no change in product fit and form. Luminous intensity of Green and Blue will be increased as illustrated below:

YTB2-XXXXX / YTD2-XXXXX

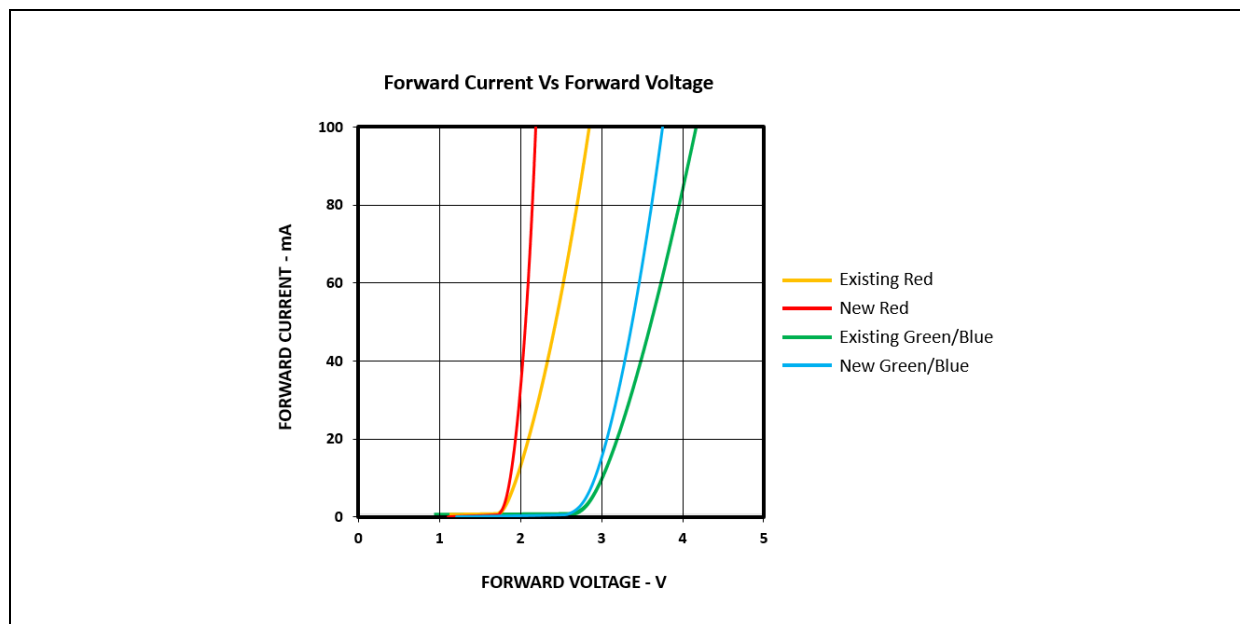
	<i>Current</i>		<i>New</i>	
	Bin	Luminous Intensity @20mA	Bin	Luminous Intensity @20mA
Green	W1	1125 – 1400mcd	X1	1800 – 2240mcd
	W2	1400 – 1800mcd	X2	2240 – 2850mcd
	X1	1800 – 2240mcd	Y1	2850 – 3550mcd
Blue	T1	285 – 355mcd	T2	355 – 450mcd
	T2	355 – 450mcd	U1	450 – 560mcd
	U1	450 – 560mcd	U2	560 – 715mcd

YTC2-XXXXX

	Current		New	
	Bin	Luminous Intensity @20mA	Bin	Luminous Intensity @20mA
Green	U1	450 – 560mcd	V1	715 – 900mcd
	U2	560 – 715mcd	V2	900 – 1125mcd
	V1	715 – 900mcd	W1	1125 – 1400mcd
Blue	R2	140 – 180mcd	Remain	
	S1	180 – 224mcd		
	S2	224 – 285mcd		

The forward voltage vs forward current is different between the new and current die as illustrated below.

Forward Voltage vs Forward Current



Effective Date of Change:

The shipment with above change will commence 90 days after issuance date above. Customer is advised not to mix the product using new die with product using old die.

Qualification Data:

Qualification data will be provided upon request.

These changes have been reviewed and approved by Broadcom engineers and managers per Broadcom's procedure: Change Control and Customer Notification, 5962-6052-80.

Please contact your Broadcom field sales for any questions or support requirements. Please return any response as soon as possible, but not to exceed 30 days.