

PCN: V08-008-48475417-0A

Product Change Notice

Issue Date: 20 June 2008

Change Type:

Carrier Tape Packaging material change

Parts Affected:

HLMP-QB00-S0011	HLMP-QB00-TU011
HLMP-QB00-TUC11	HLMP-PM00-TUC14
HLMP-QB00-TUC31	QLMP-PB49-N0011
HLMP-QM00-S0011	QLMP-PM49-N0011
HLMP-QM00-S0031	
HLMP-PM00-TUC11	
HLMP-PB00-QRC11	
HLMP-PB00-QRC14	

Description and Extent of Change:

The selected carrier tape shall be the replacement for all InGaN color Subminiature Lamps.


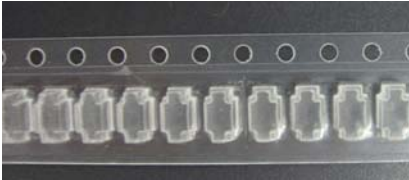

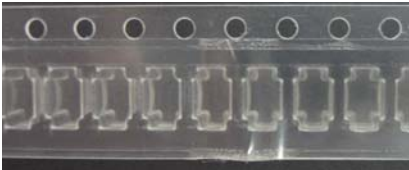
The new carrier tape will have the same functionality as the existing carrier tape.

Reasons for Change:

This proposed change is to ensure continuous supply of the InGaN color Subminiature Lamps carrier tape.

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

The device specification will remain the same, which will ensure product electrical performance remains the same. However the packaging carrier tape appearance will change from grey color to transparent type.


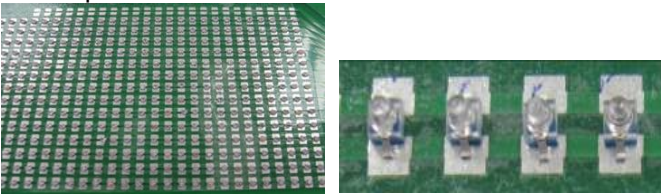

Existing Carrier Tape Appearance (Grey)	Propose Carrier Tape Appearance (Transparent)
	
	

Effective Date of Change:

Product shipments using this change will begin on WW26'08. From this date onwards, shipment may contain either existing carrier tape or propose carrier tape.

Qualification Data:

Qualification data has been generated and approved as below.

Item	Check item	Sample Size	Test Results
1	Critical pocket dimension x,y,z	30 pcs	Pass
2	Peel Back Force Before Bake	3 reels	Pass
3	Peel Back Force After Bake	3 reels	Pass
4	Appearance before pick & place 	2 reels	Pass, with no tilted unit after shaking the carrier tape
5	Pick & place on board 	2 reels	Pass, smoothly pick & place on board without any stuck unit
6	Appearance after pick & place 	2 reels	Pass, no bend and anomaly observe

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

Please contact your Avago Technologies field sales engineer or Contact Center (<http://www.avagotech.com/contact/>) for any questions or support requirements. Please return any response as soon as possible, but not to exceed 30 days.