

< **INNOLUX Confidential** >

File No: CPI-EC170041

To: ALL Customer

Date: 2017/10/17

Engineering Change Request

Engineering Change Notice

<b>Model Name:</b> G104X1-L03	<b>Change Date:</b> 2018/Q3	
<b>Change Reasons:</b> For keeping product's quality and its stable supply chain		
<b>Change Contents:</b> <ol style="list-style-type: none"> <li>1. Module label Revision change</li> <li>2. Module label logo change</li> <li>3. PCBA component LED_Driver IC from Allegro will be EOL &amp; PCBA re-layout</li> </ol>		
<b>Changed Items</b>	<b>Before Change</b>	<b>After Change</b>
Module label Revision	C3	C4
Module labe logo	CHI MEI OPTOELECTRONICS	INNOLUX
PCBA LED_Driver IC	A8503EECTR-T (Allegro)	CM509A-RI01 (RICHTEK)
PWM IC TYPE	RT9277BGF	IN512-RI03
Gamma circuit	R string	P-gamma
<b>Remark:</b>		

Approval By PM Department Manager Sen.Lin

Prepared By: Corinna.Hsu

Please sign back to **INNOLUX** (ECR Only)

Approval (We had passed all required tests.)

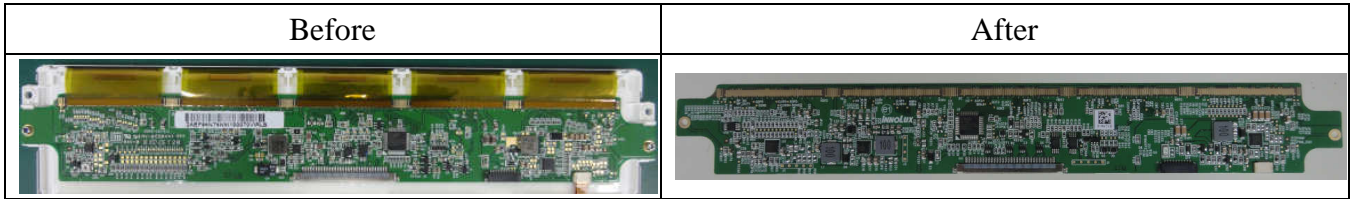
Conditional Approval

Disapproval

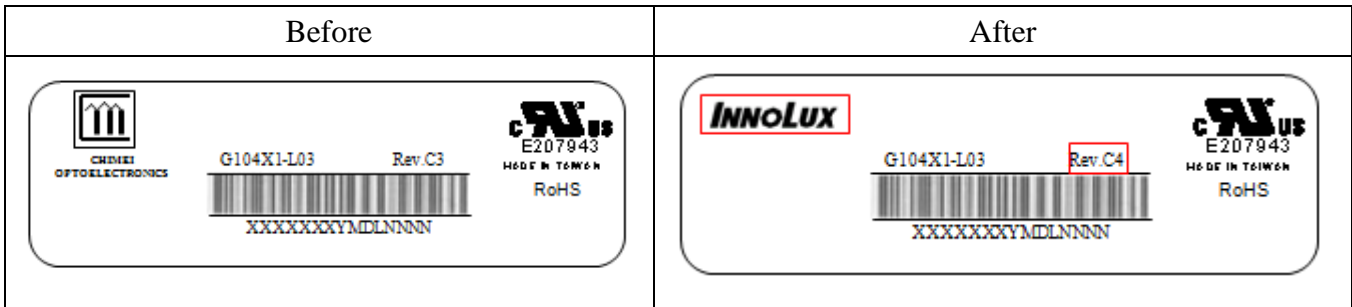
<u>Signature</u>	<u>Date</u>	<u>Comments or Conditions</u>

Attachments Page

1. PCBA






2. Module label



3.RA Report



DOA ECN Test Report for customer form

G104X1-L03 LED Drive IC and PCBA Reliability Test Report				Judgment	Approve	Prepared	
							
Model :	G104X1-L03	Reporter :	Chen pin-chung	Date :	2017/08/28	Test Region :	RA Lab
TEST Procedure :		GDCC No. 300000109					
I. Purpose :							
The reliability test for G104X1-L03 LED Drive IC & PCBA.							
II. Change Item :							
The Previous Source			The New Source				
LED Drive IC: Allegro A8503EECTR-T			LED Drive IC: RICHTEK CM509A-RI01				
PCBA: 6B01M000JC004			PCBA: 6B01M000JC104				
III. Judge Criteria :							
Item	Criteria						
B	No function fail (include Converter function) and no extra line defect etc.						
C	Cosmetic must be in spec. (FOS and appearance)						
IV. Test Result :							
Test Item	Test Condition	Test Quantity	Judge Item	Result	Remark		
HT Operation	70°C, 240hrs	3pcs	B, C	OK			
LT Operation	-20°C, 240hrs	3pcs	B, C	OK			
Thermal Shock (Non-operation)	[(-20 °C 30min) → (70 °C 30min)]/cycle, 100cycles	3pcs	B, C	OK			
V. Conclusion : Pass							