

**Notice of Product Change**

Date: Aug 4<sup>th</sup> , 2017

Dear Valued Customer,

Thank you for choosing KYOCERA as your LCD solution provider. We appreciate the opportunity to support your business. This letter is to inform you of a product change due to component obsolete. Please kindly refer the details below:

**1. Product:**

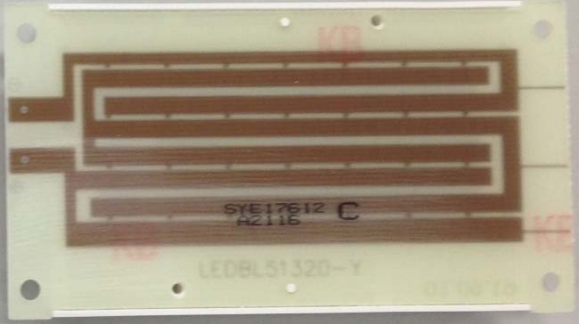
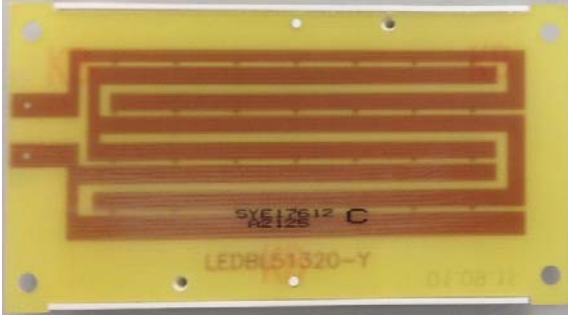
F-51320GNY-LY-AFN

**2. Background**

Our current supplier EOled the LED wiring board, we decided to change to a different manufacturer for the LED wiring board. The new supplier use a more commonly used PCB base material which has slightly different color.

**3. Detail Change**

Appearance change due to the change of PCB base material used to attach base material. Performance and part number will remain the same.

Current material	After change
Base material: FR-4 PCB base color: white	Base material: FR-4 PCB base color: yellow *Change to mainstream material.
	



#### 4. Reliability Test Result

Test Item	Test condition	Sample Qty.	Judgment
High Temp. Operation	85°C, 1000h	3	PASSED
High Temp. High Humidity Storage	60°C, 90%RH, 240h	3	PASSED
High Temp. High Humidity Operation	60°C, 90%RH, 240h	3	PASSED
Heat Shock	-40°C, 10min 85°C, 10min 50cycle	3	PASSED

	Evaluation Item	
	Appearance	Function
High Temp. Operation	● PASSED	● PASSED
High Temp. High Humidity Storage	● PASSED	● PASSED
High Temp. High Humidity Operation	● PASSED	● PASSED
Heat Shock	● PASSED	● PASSED

#### 5. Schedule

We will apply the material change in Aug, 2017.

Thank you in advance for your understanding and your cooperation. If you have any questions, please contact your KYOCERA sales representative.

Sincerely yours,

KYOCERA International, Inc  
Display Division