

NLT Technologies, Ltd.

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NLT-PP-5813

February 8th, 2016

To Customers

NLT Product Change Notice
PCN Tracking Number: NLT-PP-5813
(Revised version from NLT-PP-4930)

1. Product Type #

Size	Resolution	Part Number
8.9-inch	WSVGA	NL10260BC19-01D

2. Description of change

2.1 Material change

Changed portions		Description of change	Remarks
(1)	Driver ICs	Due to discontinuation of the current horizontal and vertical driver ICs, the driver ICs will be changed. According to the change of the driver ICs, quantity of the driver ICs will decrease. No signal interface will be changed.	-
(2)	LED	Due to discontinuation of the current LED, the LED will be changed. According to the change of the LED, absolute maximum ratings and electro characteristics of the backlight will be changed.	Note1
	Protection sheet	Due to discontinuation of the protection sheets, the sheets for surface and rear surface on the signal processing board will be changed. According to the change of the sheets, material and color of the sheets will be changed.	Note2
	Backlight chassis	According to the change of driver ICs, positions and quantity of hooks for locking the metal chassis on the backlight chassis will be changed. No material of the backlight chassis will be changed.	Note3
(3)	FPC	According to the change of the driver ICs, a shape, wiring pattern and material of the FPC for connecting between the panel and the signal processing board will be changed.	-
(4)	Gradation power supply IC	Due to discontinuation of the gradation power supply IC, the IC will be changed to a circuit block for generating gradation voltage, which consists of discrete electrical components. According to the change, wiring pattern of the signal processing board will be changed.	-
	parameters	According to the change of the driver ICs, parameters of mounting parts for setting of driver ICs will be changed.	-
	Protection sheet	Due to discontinuation of the protection sheets, the sheets for surface and rear surface on the signal processing board will be changed. According to the change of the sheets, material and color of the sheets will be changed.	-



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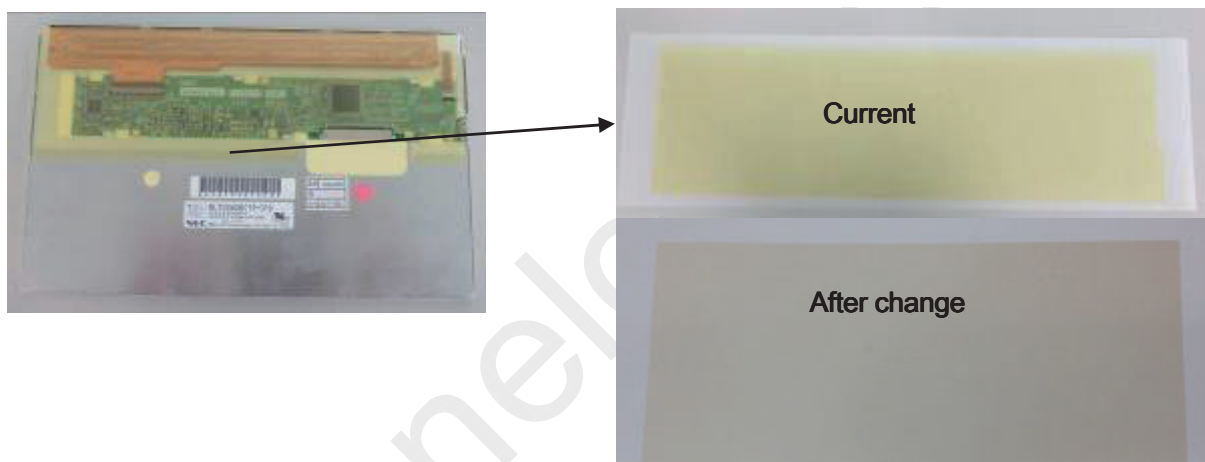
Changed portions		Description of change	Remarks
(5)	Metal chassis	According to the change of driver ICs, positions and quantity of hooks for locking on the metal chassis will be changed. No material of the metal chassis will be changed.	Note3

According to the change, there will be no influence on UL approval and RoHS compliance.

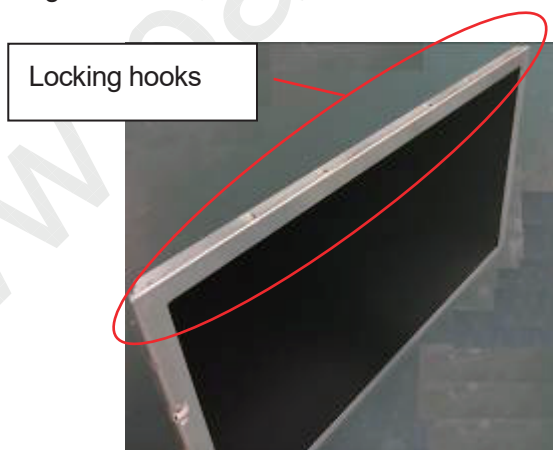
Note1: Please see 2.2 Specification change.

Note2: Protection sheet

Protection sheet



Note3: Locking hooks



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2.2 Specification change

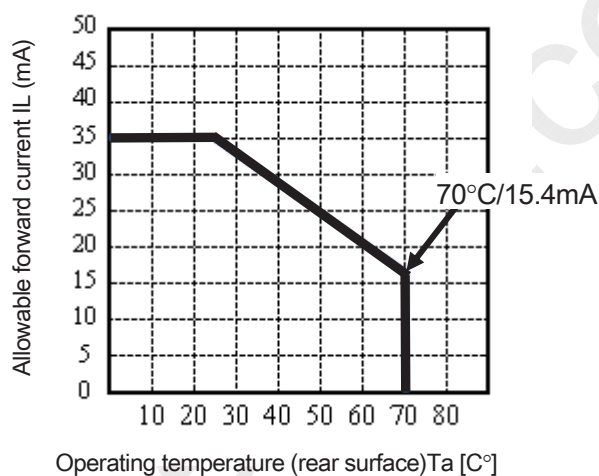
According to the change of the LED, the absolute maximum ratings and the electrical characteristics of the backlight will be changed.

① Absolute maximum ratings

Current

	Parameter	Symbol	Ratings	Unit	Remarks
Backlight	Power dissipation	PD	1.1	W	Per one circuit
	Forward current	IL	Note1	mA	

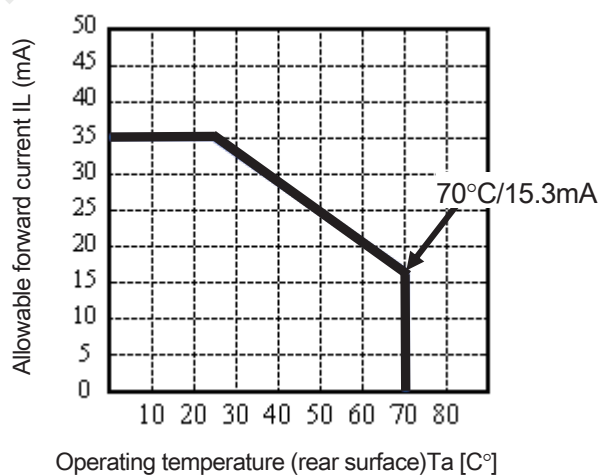
Note1: Forward current



After change

	Parameter	Symbol	Ratings	Unit	Remarks
Backlight	Power dissipation	PD	0.94	W	Per one circuit
	Forward current	IL	Note1	mA	

Note1: Forward current



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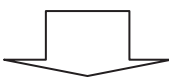
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②Electrical characteristics

Current

Parameter	Symbol	min.	typ.	max.	Unit	Remarks
Forward current	IL	—	15	15.4	mA	-
Forward voltage	VL	—	28.35	31.5	V	at IL= 15mA/circuit



After change

Parameter	Symbol	min.	typ.	max.	Unit	Remarks
Forward current	IL	—	15	15.3	mA	—
Forward voltage	VL	23.2	24.8	26.4	V	Ta= +25°C at IL= 15mA/circuit
		22.5	—	—		Ta= +70°C at IL= 15mA/circuit
		—	—	27.7		Ta= -20°C at IL= 15mA/circuit
		—	—	27.7		Ta= -20°C at IL= 15.3mA/circuit

3. MP schedule

The change will be applied from June 2016 production onward.

The schedule is subject to change depending on the material stock condition.

4. Product revisions

Product revisions will be changed as shown below.

Current	After change
B	C

In case there are any questions, please feel free to contact sales or sales representative of NLT.



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