



ENGINEER CHANGE NOTICE

ECN NO.

09100502

Issue Date

Oct 5, 2009

Title	1. polarizer change 2. Panel electrical specifications and setting change	Part number	BL128128C2 series
		Customer	
Reason	☐ Request by customer ☐ Quality improvement ☐ Cost reduction ☐ Productivity improvement ☒ Other materials supply issue		

Details of the change:

1. Polarizer change because of phased out of original polarizer. Last buy will be accepted by **Oct. 25, 2009**.
Then we'll offer new polarizer hereafter.

	Before change	After change
Polarizer color	Purple	Dark Blue
Polarize type	glare	Anti-glare
Display on		
Display off		



ENGINEER CHANGE NOTICE

ECN NO.

09100502

Issue Date

Oct 5,2009

2. Panel electrical specifications and setting change- Due to polarizer change, we suggest to amend the software setting as below:

Before change						After change					
PARAMETER	MIN	TYP.	MAX	UNITS	COMMENTS	PARAMETER	MIN	TYP.	MAX	UNITS	COMMENTS
Normal mode current	-	30	32	mA	All pixels on (1)	Normal mode current	-	34	36	mA	All pixels on (1)
Normal mode current	-	14	16	mA	32 Gray scale (1)	Standby mode current	-	4	6	mA	Standby mode 10% pixels on (2)
Standby mode current	-	3	5	mA	Standby mode 10% pixels on (2)	Normal mode power consumption	-	561	594	mW	All pixels on (1)
Normal mode power consumption	-	495	528	mW	All pixels on (1)	Standby mode power consumption	-	66	99	mW	Standby mode 10% pixels on (2)
Normal mode power consumption	-	231	264	mW	32 Gray scale (1)	Normal mode Luminance	80	100		cd/m ²	Display Average
Standby mode power consumption	-	49.5	82.5	mW	Standby mode 10% pixels on (2)	Standby mode Luminance		20		cd/m ²	
Normal mode Luminance	80	100		cd/m ²	Display Average						
(1) Normal mode condition : - Driving Voltage : 16.5V - Red contrast setting : 0x53 - Green contrast setting : 0x67 - Blue contrast setting : 0x64 - Frame rate : 105Hz - Duty setting : 1/128 (2) Standby mode condition : - Driving Voltage : 16.5V - Red contrast setting : 0x13 - Green contrast setting : 0x19 - Blue contrast setting : 0x1a - Frame rate : 105Hz - Duty setting : 1/128						(1) Normal mode condition : - Driving Voltage : 16.5V - Red contrast setting : 0x5d - Green contrast setting : 0x5f - Blue contrast setting : 0x7a - Frame rate : 105Hz - Duty setting : 1/128 (2) Standby mode condition : - Driving Voltage : 16.5V - Red contrast setting : 0x1a - Green contrast setting : 0x1b - Blue contrast setting : 0x21 - Frame rate : 105Hz - Duty setting : 1/128					

Customer Evaluation

☐ Approval

☐ Conditional Approval

☐ Rejected

Action Taken:

Signature:

New Sample Request: ☐ Yes _____pcs ☐ No