



REVISIONS

NO.	DATE	BY	DESCRIPTION
1	01/06/18	NLV	NEW RELEASE

PINS ASSIGNMENT	
NO.	DESCRIPTION
1	POWER SUPPLY FOR LED BL(+24.0V)
2	NEGATIVE VOLTAGE INPUT(-10V)
3	POWER SUPPLY FOR LOGIC AND LCD
4	GROUND
5	GROUND
6	BACKLIGHT ON/OFF CONTROL
7	DATA INPUT FOR COMMAND DRIVER
8	ALTERNATE VOLTAGE INPUT
9	LATCH PULSE
10	SHIFT PULSE
11-14	DB0-DB3 DATA BUS
15	NO CONNECTION
16	NO CONNECTION
17	NO CONNECTION

ABSOLUTE MAXIMUM RATING			
ITEM	SYMBOL	MIN	MAX
VOLTAGE FOR LOGIC	VDD-VSS	4.75	5.0
POWER SUPPLY(LOGIC)	VDD-VSS	0	5.5
POWER SUPPLY(LCD DRV.)	VDD-VEE	0	28.0
INPUT VOLTAGE	V <sub>I</sub>	V <sub>I</sub>	VDD

ELECTRICAL CHARACTERISTICS				
ITEM	SYMBOL	MIN	TYP	MAX
VOLTAGE FOR LOGIC	VDD-VSS	4.75	5.0	5.25
SUPPLY CURRENT	IDD	-	5.1	9.8
LCD OPERATING VOLTAGE	VDD-V0	-	14.5	-
INPUT VOLTAGE	V <sub>I</sub>	0.7VDD	-	VDD
VOLTAGE FOR LED BL	V <sub>A</sub> -VSS	4.0	4.10	4.40

MECHANICAL SPECIFICATIONS		
ITEM	SPECIFICATION	UNIT
OVERALL SIZE	110.0W x 97.0H x 13.0T	MM
VIEWING AREA	80.60W x 60.44H	MM
DOT NUMBER	128 x 112	DOTS
DOT SIZE	0.59W x 0.50H	MM
DOT PITCH	0.63W x 0.54H	MM

OPTIONS	
1.	LCD TYPE: Y/G STN, TRANSPARENT
2.	BACKLIGHT: LED
3.	COLOR OF BACKLIGHT: YELLOW/GREEN
4.	TEMPERATURE RANGE: EXTENDED(-20--70C)
5.	POWER SUPPLY: 5.0V
6.	VIEWING ANGLE: 6H

NLV-G128112A

128 X 112 DOTS GRAPHIC LCM



ALL DIMENSIONS ARE IN MM. TOLERANCE IS +/-0.2 UNLESS OTHERWISE NOTED.

奈立微科技有限公司

NLV YOUR SUPPLIER AND YOUR PARTNER!