



REVISIONS

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

PINS ASSIGNMENT	
NO.	SYMBOL DESCRIPTION
1	VSS POWER SUPPLY
2	VDD POWER SUPPLY
3	V0 OPERATING VOLTAGE FOR LCD
4	RS DATA/INSTRUCTION SELECT
5	R/W READ/WRITE CONTROL
6	E ENABLE SIGNAL
7-14	DB0-DB7 DATA BUS
A	POWER SUPPLY FOR LED BACKLIGHT (+)
K	POWER SUPPLY FOR LED BACKLIGHT (-)

ABSOLUTE MAXIMUM RATING			
ITEM	SYMBOL	MIN	MAX UNIT
POWER SUPPLY (LOGIC)	VDD-VSS	-0.3	7.0 V
POWER SUPPLY (LCD DRV)	VDD-V0	-0.3	13.5 V
INPUT VOLTAGE	VI	-0.3	VDD V

ELECTRICAL CHARACTERISTICS (VDD=5.0±0.25V, 25°C)				
ITEM	SYMBOL	MIN	TYP	MAX UNIT
VOLTAGE FOR LOGIC	VDD-VSS	4.75	5.0	5.25 V
SUPPLY CURRENT	IDD	-	1.0	1.3 mA
VOLTAGE FOR LCD	VDD-V0	4.7	4.9	5.1 V
INPUT VOLTAGE	H	VIH	2.2	VDD V
	L	VIL	-0.3	0.6 V
OUTPUT VOLTAGE	H	VOH	2.4	V V
	L	VOL	-	0.4 V

MECHANICAL SPECIFICATIONS		
ITEM	SPECIFICATION	UNIT
OVERALL SIZE	84.0W x 44.0H x 14.0T (T:0.07)	MM
VIEWING AREA	61.0W x 15.8H	MM
CHARACTERS	8 CHARACTERS x 1 LINES	
CHARACTER SIZE	6.45W x 10.75H	MM
CHARACTER PITCH	7.15W x 10.75H	MM

OPTIONS	
1. LCD TYPE:	Y/G STN, GRAY STN, TN
2. BACKLIGHT:	WITHOUT BACKLIGHT, LED, EL
3. COLOR OF BACKLIGHT:	Y/G: BLUE, WHITE
4. TEMPERATURE RANGE:	NORMAL(0-50C) EXTENDED(-20-70C)
5. POWER SUPPLY:	5.0V, 3.0V
6. VIEWING ANGLE:	6H: 12H
7. CHARACTER TABLE:	JAPANESE, EUROPEAN, CYRILLIC

NLV-C0811A

8 CHARACTERS X 1 LINES



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!

