



REVISIONS

NO.	DATE	BY	DESCRIPTION
1	05/01/2011	H.HUA	NEW RELEASE

PINS ASSIGNMENT			
NO.	SYMBOL	DESCRIPTION	
1	VDD	POWER SUPPLY FOR LOGIC AND LCD	
2	VSS	GROUND	
3	V0	OPERATING VOLTAGE FOR LCD	
4-11	DB0--DB7	DATA BUS	
12	CS1	CHIP SELECT OF IC1 (HIGH EFFECTIVE)	
13	CS2	CHIP SELECT OF IC2 (HIGH EFFECTIVE)	
14	/RST	RESET SIGNAL(LOW EFFECTIVE)	
15	R/W	READ/WRITE SELECT	
16	RS	DATA/INSTRUCTION SELECT	
17	E	ENABLE SIGNAL	
18	VEE	NEGATIVE VOLTAGE OUTPUT/INPUT	
19	A	POWER SUPPLY FOR LED BACKLIGHT(+)	
20	K	POWER SUPPLY FOR LED BACKLIGHT(-)	

ABSOLUTE MAXIMUM RATING			
ITEM	SYMBOL	MIN	MAX
POWER SUPPLY(LOGIC)	VDD-VSS	0	6.5
POWER SUPPLY(LCD DRV.)	VDD-V0	0	18.0
INPUT VOLTAGE	V _I	V _I	V _{DD}

ELECTRICAL CHARACTERISTICS					
ITEM	SYMBOL	MIN	TYP	MAX	UNIT
VOLTAGE FOR LOGIC	VDD-VSS	4.75	5.0	5.25	V
SUPPLY CURRENT	IDD	-	4.0	-	mA
LCD OPERATING VOLTAGE	VDD-V0	-	9.2	-	V
INPUT VOLTAGE	V _I	0.7VDD	-	VDD	V
BOTTOM LED VOLTAGE	VLED	-	4.1	4.2	V

MECHANICAL SPECIFICATIONS		
ITEM	SPECIFICATION	UNIT
OVERALL SIZE	75.0W x 52.7H x 8.9T	MM
VIEWING AREA	60.0W x 32.6H	MM
DOT NUMBER	128 x 64	DOTS
DOT SIZE	0.39W x 0.39H	MM
DOT PITCH	0.43W x 0.43H	MM

OPTIONS	
1. LOD TYPE:	Y/G STN; GRAY STN; B/W FSTN
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:	ON BOARD DC/DC(SINGLE 5.0V); DUAL POWER SUPPLY(5.0V & -10.0V)
6. VIEWING ANGLE:	6H; 12H

NT-G1286412A

128 X 64 DOTS GRAPHIC LCM



NELY, YOUR SUPPLIER, AND YOUR PARTNER!

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