



* FOR LED BACKLIGHT
 T1=14.0MAX T2=9.0±0.3
 * FOR EL OR NO BACKLIGHT
 T1=11.0MAX T2=6.0±0.3

PINS ASSIGNMENT			
NO.	SYMBOL	DESCRIPTION	
1	VSS	GROUND	
2	VDD	POWER SUPPLY FOR LOGIC AND LCD	
3	VO	CONTRAST ADJUST	
4	A0	DATA/INSTRUCTION SELECT	
5	/CS1	CHIP SELECTION FOR IC1: LOW ACTIVE	
6	/CS2	CHIP SELECTION FOR IC2: LOW ACTIVE	
7	CL	CLOCK INPUT	
8	/RD (E)	READ SIGNAL: LOW ACTIVE	
9	/MR (W/R)	WRITE SIGNAL: LOW ACTIVE	
10-17	DB0-DB7	DATA BUS	
18	/RST	RESET SIGNAL: LOW ACTIVE	
19	LEDA	POWER SUPPLY FOR LED BACKLIGHT(+5V)	
20	LEDK	POWER SUPPLY FOR LED BACKLIGHT(0V)	

ABSOLUTE MAXIMUM RATING			
ITEM	SYMBOL	MIN	MAX
POWER SUPPLY(LOGIC)	VDD-VSS	0	6.5
POWER SUPPLY(LCD_DRV)	VDD-V0	0	10.0
INPUT VOLTAGE	VI	VI	VDD

ELECTRICAL CHARACTERISTICS					
ITEM	SYMBOL	MIN	TYP	MAX	UNIT
VOLTAGE FOR LOGIC	VDD-VSS	4.75	5.0	5.25	V
SUPPLY CURRENT	IDD	-	300	500	µA
LCD OPERATING VOLTAGE	VDD-V0	-	5.0	-	V
INPUT VOLTAGE	H VIH	0.8VDD	-	VDD	V
	L VIL	0	-	0.2VDD	V

MECHANICAL SPECIFICATIONS		
ITEM	SPECIFICATION	UNIT
OVERALL SIZE	84.0W x 44.0H x 14.0T(0.0T)	MM
VIEWING AREA	60.5W x 18.5H	MM
DOT NUMBER	122 x 32	DOTS
DOT SIZE	0.40W x 0.45H	MM
DOT PITCH	0.44W x 0.49H	MM

SPECS:	
1. LCD TYPE:	GRAY STN, YELLOW/GREEN STN, FSTN
2. BACKLIGHT:	EL, LED
3. COLOR OF BACKLIGHT:	YELLOW/GREEN, BLUE, WHITE
4. OPERATING TEMPERATURE:	-30-70 C
5. STORAGE TEMPERATURE:	-30-90c
6. VIEWING ANGLE:	6H; 12H

REVISIONS			
NO.	DATE	BY	DESCRIPTION
1	05/11/11	GF.ZH	NEW RELEASE
1	06/22/15	ZOLEN	NEW RELEASE

NT-G122326B

122 X 32 DOTS GRAPHIC LCM



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



NEFLY, YOUR SUPPLIER, AND YOUR PARTNER!