



REVISIONS		DESCRIPTION
NO.	DATE	BY
1	05/09/30	GF ZH
2	05/09/07	GF ZH
3	05/09/14	GF ZH

NEW RELEASE
ADD BL CHAR SET
ROHS COMPLIANT

PINS ASSIGNMENT	
NO.	SYMBOL DESCRIPTION
1	VSS POWER SUPPLY
2	VDD POWER SUPPLY
3	V0 CONTRAST ADJUST
4	RS DATA/INSTRUCTION SELECT
5	R/W READ/WRITE CONTROL
6	E ENABLE SIGNAL
7-14	DB0-DB7 DATA BUS
15	LED + LED BACKLIGHT POWER SUPPLY(+4.1V)
16	LED - LED BACKLIGHT POWER SUPPLY (0V)

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

ELECTRICAL CHARACTERISTICS (VDD=5.0±0.25V, 25°C)				
ITEM	SYMBOL	MIN	TYP	MAX
VOLTAGE FOR LOGIC	VDD-VSS	4.75	5.0	5.25
SUPPLY CURRENT	IDD	-	1.0	1.2
VOLTAGE FOR LCD	V0	-	4.8	-
INPUT VOLTAGE	V _{IH}	2.2	-	VDD
	V _{IL}	-0.3	-	0.6
OUTPUT VOLTAGE	V _{OH}	2.4	-	-
	V _{OL}	-	-	0.4

MECHANICAL SPECIFICATIONS		
ITEM	SPECIFICATION	UNIT
OVERALL SIZE	80.0V x 36.0H x 12.5T	MM
VIEWING AREA	64.5V x 14.0H	MM
PIXELS	128 X 16	DOTS
DOT SIZE	0.44V x 0.48H	MM
DOT PITCH	0.48V x 0.52H	MM

SPEC	
1.	LCD TYPE: YELLOW/GREEN STN
2.	BACKLIGHT: BOTTOM LED ARRAY, YELLOW/GREEN
3.	TEMPERATURE RANGE: EXTENDED
4.	POWER SUPPLY: 5.0V
5.	VIEWING ANGLE: 6H
6.	CHARACTER SET: SIMPLIFIED CHINESE
7.	ROHS COMPLIANT

NT-G128161A

128 X 16 DOTS GRAPHIC LCM



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

NEFLY, YOUR SUPPLIER, AND YOUR PARTNER!