



REVISIONS

NO.	DATE	BY	DESCRIPTION
1	01/06/18	ACh	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
15	LED +	POWER SUPPLY FOR LED BACKLIGHT (+)
16	LED -	POWER SUPPLY FOR LED BACKLIGHT (-)

ABSOLUTE MAXIMUM RATINGS

ITEM	SYMBOL	MIN	MAX	UNIT
POWER SUPPLY (VDD)	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	-	2.0	3.0	mA
VOLTAGE FOR LCD	VDD-V0	-	4.5	-	V
INPUT VOL TAPE	VIH	2.2	-	VDD	V
	VIL	-0.3	-	0.6	V
OUTPUT VOL TAPE	VOH	2.4	-	-	V
	VOL	-	-	0.4	V

MECHANICAL SPECIFICATIONS

ITEM	SPECIFICATION	UNIT
OVERALL SIZE	110.0V x 62.0H x 14.0T	MM
VIEWING AREA	100.9V x 40.9H	MM
CHARACTERS	16 CHARACTERS x 4 LINES	MM
CHARACTER SIZE	4.868W x 7.838H	MM
CHARACTER PITCH	6.083V x 8.833H	MM

OPTIONS

- LCD TYPE: YELLOW/GREEN STN
- BACKLIGHT: YELLOW/GREEN LED BACKLIGHT
- COLOR OF BACKLIGHT: YELLOW/GREEN
- TEMPERATURE RANGE: NDRMAL(0--50C)
- POWER SUPPLY: 5.0V/
- VIEWING ANGLE: 6H/

NT-C1642A

16 CHARACTERS X 4 LINES



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

