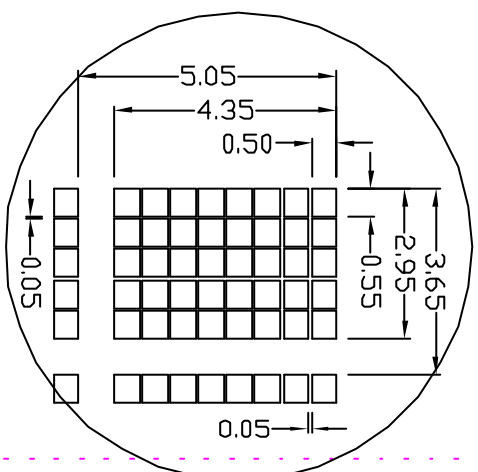
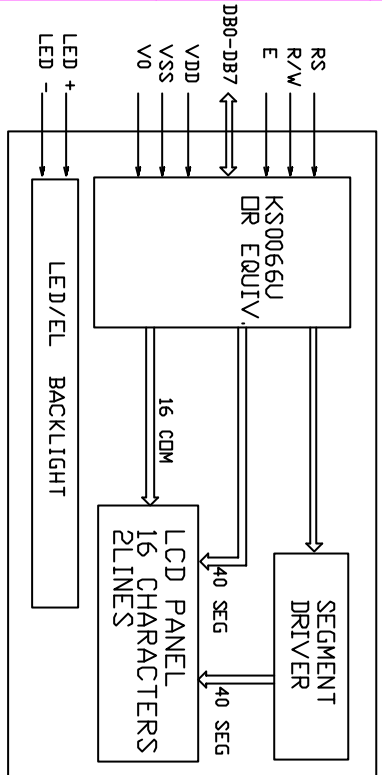


\* FOR LED BACKLIGHT  
 T1=14.0MAX T2=9.0±0.3  
 \* FOR EL OR ND BACKLIGHT  
 T1=10.0MAX T2=5.0±0.3



NT-C1622A

16 CHARACTERS X 2 LINES



NELY, YOUR SUPPLIER, AND YOUR PARTNER!

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



REVISONS

NO.	DATE	BY	DESCRIPTION
1	01/06/18	A.C.H	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 RATING

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	-	1.3	2.2	mA
VOLTAGE FOR LCD	VDD-V0	-	4.6	-	V
INPUT VOLTAGE	VIH	2.2	-	VDD	V
	VIL	-0.3	-	0.6	V
OUTPUT VOLTAGE	VOH	2.4	-	-	V
	VOL	-	-	0.4	V

MECHANICAL SPECIFICATIONS

ITEM	SPECIFICATION	UNIT
OVERALL SIZE	80.0W x 36.0H x 14.0T(10.0T)	MM
VIEWING AREA	64.5W x 14.0H	MM
CHARACTERS	16 CHARACTERS X 2 LINES	MM
CHARACTER SIZE	2.95W x 4.35H	MM
CHARACTER PITCH	3.65W x 5.35H	MM

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