



PINS ASSIGNMENT	
NO.	SYMBOL DESCRIPTION
1	VSS POWER SUPPLY (GROUND)
2	VDD POWER SUPPLY FOR LOGIC
3	V0 INPUT VOLTAGE TO THE BOOSTER
4	RS DATA/INSTRUCTION SELECT
5	R/W READ/WRITE CONTROL
6	E ENABLE SIGNAL
7-14	DB0--DB7 DATA BUS
15	LED+ ANODE OF LED BACKLIGHT
16	LED- CATHODE OF LED BACKLIGHT

ABSOLUTE MAXIMUM RATING			
ITEM	SYMBOL	MIN	MAX
POWER SUPPLY (LOGIC)	VDD-VSS	0	6.0
POWER SUPPLY (LCD DRV.)	VDD-V0	0	5.0
INPUT VOLTAGE	VI	0	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
LOGIC SUPPLY CURRENT IDD		-	1.5	1.6
INPUT VOL TAGE	H VIH	2.2	-	VDD
	L VIL	-0.3	-	0.6
OUTPUT VOLTAGE	H VOH	2.4	-	-
	L VOL	-	-	0.4
LED DRIVING VOLTAGE VLED		3.9	4.1	4.3

MECHANICAL SPECIFICATIONS		
ITEM	SPECIFICATION	UNIT
OVERALL SIZE	65.0W x 28.4H x 9.0T	MM
VIEWING AREA	46.0W x 18.4H	MM
CHARACTERS	20 CHARACTERS X 4 LINES	MM
CHARACTER SIZE	1.85W x 3.15H	MM
CHARACTER PITCH	2.15W x 4.25H	MM

OPTIONS	
1.	LCD TYPE: Y/G STNj
2.	BACKLIGHT: LED BACKLIGHT, SIDE-LIT
3.	COLOR OF BACKLIGHT: GREEN
4.	TEMPERATURE RANGE: EXTENDED(-20--70C)
5.	POWER SUPPLY: 5.0Vj
6.	VIEWING ANGLE: 6Hj
7.	CHARACTER TABLE: JAPANESEj

REVISIONS		
NO.	DATE	BY
1	03/08/26	A.C.I

DESCRIPTION  
NEW RELEASE

NT-C2045A

20 CHARACTERS X 4 LINES



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



NEFLY, YOUR SUPPLIER, AND YOUR PARTNER!