

PIN ASSIGNMENT

I III / AGGIGIUMEITI					
NO.	SYMBOL	FUNCTION DISCRIPTION			
1	VSS	GND, 0V			
2	VDD	+5V (+3V ON REQUEST)			
3	V0	LCD DRIVE			
4	RS	FUNCTION SELECT			
5	R/W	READ/WRITE CONTROL			
6	Е	ENABLE SIGNAL			
7-14	DB0-DB7	DATA BUS LINE			
15	A*	4.2V FOR LED			
16	K	POWER SUPPLY FOR LED 0V			

MECHANICAL DATA

ITEM	STANDARD VALUE	UNIT	
MODULE SIZE	98.0 x 60.0	MM	
VIEWING AREA	77.0 x 25.2	MM	
DOT SIZE	0.55 x 0.55	MM	
CHARACTER SIZE	2.96 x 4.75	MM	

ABSOLUTE MAXIMUM RATING

ITEM	SYMBOL	STANE	STANDARD VALUE			
	STWIBOL	MIN.	TYP.	MAX.	UNIT	
V-MODULE	VDD-VSS	-0.3	_	7.0	\/	
V-INPUT	VI	-0.3	_	VDD	"	

VSS=0V, VDD=5.0V

ELECTRICAL CHARACTERISTICS

ITEM	SYMBOL	CONDIT	STANDARD VALUE			UNIT
I I E IVI		CONDIT.	MIN.	TYP.	MAX.	UNIT
INPUT VOLTAGE	VDD	VDD=+5V	4.7	5.0	5.3	V
SUPPLY CURRENT	IDD	VDD=+5V	_	1.0	1.2	MA
		-20 °C	5.0	5.1	5.7	
RECOMMENDED LC DRIVING		0 °C	4.6	4.8	5.2	
VOLTAGE FOR STANDARD TEMP.	VDD-V0	25 °C	4.1	4.5	4.7	V
MODULES		50 °C	3.9	4.2	4.5	v
		70 °C	3.7	3.9	4.3	
LED FORWARD VOLTAGE	VF	25 °C	-	4.2	4.6	
LED FORWARD CURRENT	IF	25 °C	_	280	560	B 4 A
LED WHITE VOLTAGE*	ILED	*3.5 V	50	60	75	MA

OPTIONS: STN Y/G STN Y/G STN BLUE STN GRAY MODE/BACKLIGHT: REFL.POS. POS./LEDY NEG./LEDW POS./LEDW

THIS DATA SHEETIS FOR REFERENCE ONLY.

THE COLOR OF THE DISPLAY MAY VARY SLIGHTLY DEPENDING ON DIFFERENT PRODUCTION LOTS AND AMBIENT LIGHT. WE RESERVE THE RIGHT TO CHANGES AND IMPROVMENTS WITHOUT PRIOR NOTICE.

• 5x7 DOTS WITH CURSOR • 1/16 DUTY • +5V SINGLE SUPPLY • BUILT IN CONTROLLER (KS0066 OR EQUIVALENT) • B/L DRIVEN BY PIN 1 AND 2, 15 AND 16 OR A,K

