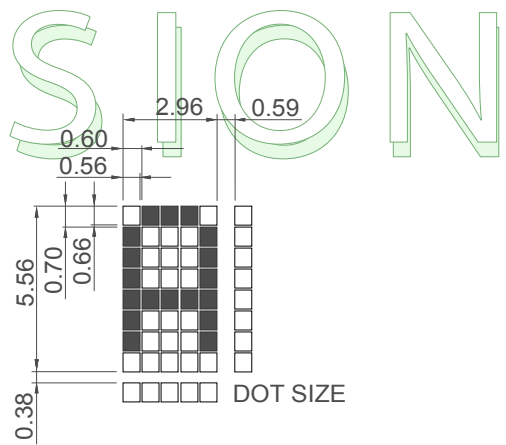
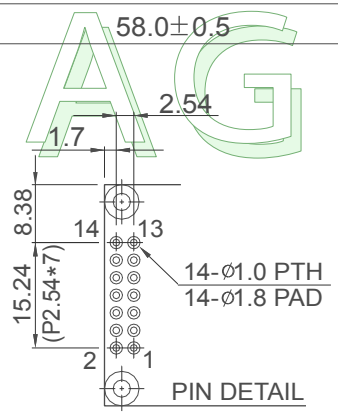


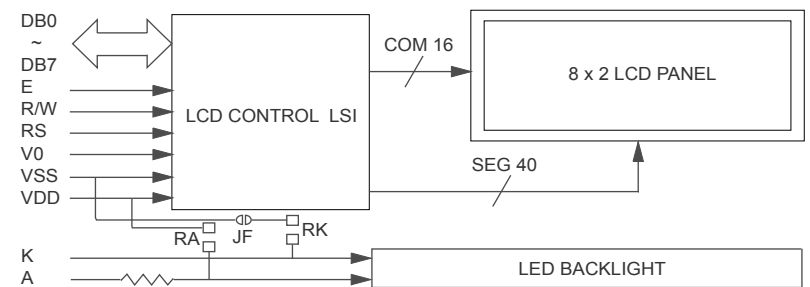
ANALOG VISION



DISPLAY POSITION

1	2	3	4	5	6	7	8
00	01						07
40	41						47

DISPLAY RAM ADDRESS



PIN ASSIGNMENT

NO.	SYMBOL	FUNCTION DISCRIPTION
1	VSS	GND, 0V
2	VDD	+5V
3	V0	LCD DRIVE
4	RS	FUNCTION SELECT
5	R/W	READ/WRITE CONTROL
6	E	ENABLE SIGNAL
7-14	DB0-DB7	DATA BUS LINE

MECHANICAL DATA

ITEM	STANDARD VALUE	UNIT
MODULE SIZE	58.0 x 32.0	MM
VIEWING AREA	38.0 x 16.0	MM
DOT SIZE	0.56 x 0.66	MM
CHARACTER SIZE	2.96 x 5.56	MM

ABSOLUTE MAXIMUM RATING

ITEM	SYMBOL	STANDARD VALUE			UNIT
		MIN.	TYP.	MAX.	
V-MODULE	VDD-VSS	-0.3	—	7.0	V
V-INPUT	VI	-0.3	—	VDD	

VSS=0V, VDD=5.0V

ELECTRICAL CHARACTERISTICS

ITEM	SYMBOL	CONDIT.	STANDARD VALUE			UNIT
			MIN.	TYP.	MAX.	
INPUT VOLTAGE	VDD	VDD=+5V	4.7	5.0	5.3	V
SUPPLY CURRENT	IDD	VDD=+5V	—	1.5	1.7	MA
RECOMMENDED LC DRIVING VOLTAGE FOR STANDARD TEMP. MODULES	VDD-V0	-20 °C	4.9	5.2	5.5	V
		0 °C	4.5	4.8	5.1	
		25 °C	4.1	4.4	4.7	
		50 °C	3.8	4.2	4.4	
		70 °C	3.5	4.0	4.1	
LED FORWARD VOLTAGE	VF	25 °C	—	4.2	4.6	MA
LED FORWARD CURRENT	IF	25 °C	—	70	140	
LED WHITE VOLTAGE*	ILED	*3.5 V	16	20	25	

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

THIS DATA SHEET IS 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 OR A,K