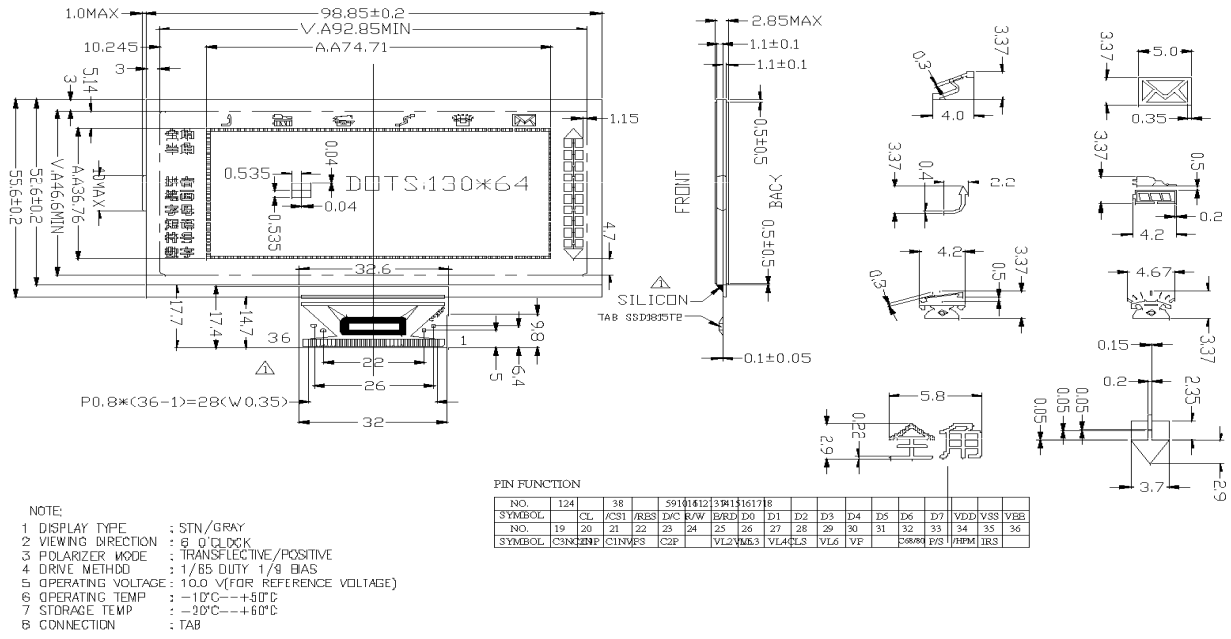
SAZENTO SAG160105AT Graphic 160 x 105 dots



FEATURE

1. FSTN, Positive, Transflective

2. IC: Samsung S6B0719X01-01XN

3. 1/105Duty, 1/11Bias, 4 O'clock

4. Backlight: LED(Blue), Display dot: Black,

Background: White

Pin NO	Symbol	Functions
1	CS1B	Chip select input pins
2	CS2	
3	RESETB	Reset input pin
4	RS	Register select input pin
5	RW/WR	Read / Write execution control pin
6	E/RD	Read / Write execution control pin
7~14	DB0~DB7	8-bit bi-directional data bus that is connected to the standard. 8-bit microprocessor data
15	VCC	Power supply
16	VSS	Ground
17	VCC(LED)	Backlight (+)
18	VCC(LED)	
19	GND(LED)	Backlight (-)
20	GND(LED)	

MECHANICAL DATA		
Item	**Standard Value**	**Unit**
Module Dimension	70.1(W) × 48.1(H) × 6.5(T)	mm
Viewing Area	59.0(W) × 40.2(H)	mm
Dot Size	0.30(W) × 0.30(H)	mm
Dot Pitch	0.33(W) × 0.33(H)	mm

ABSOLUTE MAXIMUM RATING					
Item	**Symbol**	**Standard Value**			**Unit**
		min	**typ**	**max**	
Supply Voltage For Logic	VDD-VSS	-0.3	–	+7.0	V
Input Voltage	VIN	-0.3	–	VDD+0.3	V

ELECTRONICAL CHARACTERISTICS						
Item	**Symbol**	**Condition**	**Standard Value**			**Unit**
			min	**typ**	**max**	
Input Voltage	VIH	VDD=3.3V±5%	0.8VDD	–	VDD	V
	VIL		VSS	–	0.2VDD	
Output Voltage	VOH	VDD=3.3V±5%	0.8VDD	–	VDD	V
	VOL		0	–	0.2VDD	
Current Consumption	IDD	VDD=3.3V±5% V0-VSS=14.2V	–	1.88	4.0	mA
Supply Voltage For Logic	VDD-VSS	Ta=0~50℃	2.4	3.3	3.6	V
LCD Drive Voltage	VOP=V0-VSS	Ta=25℃	–	14.1	–	V