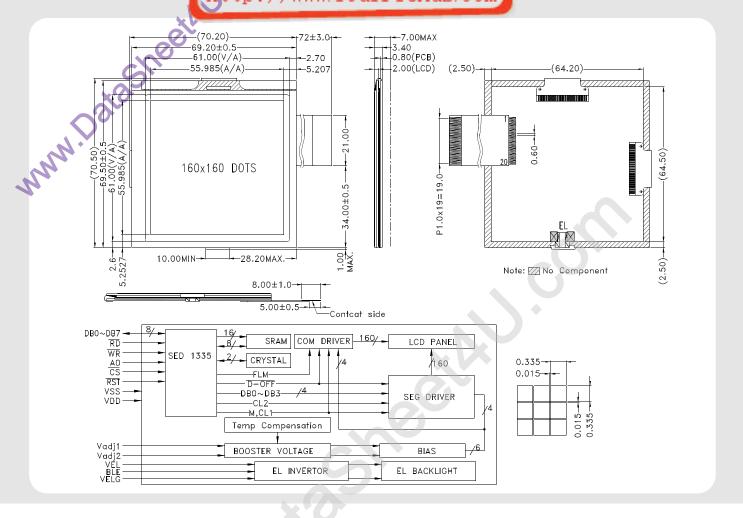
RE160160-01

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## Features:

Resolution: 160S\*160C Dots

C Duty ratio: 1/160C LCD option: FSTN

Backlight option(H2/H1mm): EL(3.4/7.0)

Controller IC: S1D13305EL Driver IC built-in

DC-DC converter and temperature compensation circuit built-in

## Optional:

Touch panel version available

Pin Assignment											
Pin No.	Symbol	Function									
1	/RST	Controller reset									
2	/RD	This signal acts as the active-LOW read strobe.									
3	/WR	This signal acts as the active-LOW write strobe.									
4	/CS	Chip enable for the module									
5	<b>A</b> 0	Command/Data seleet									
6-13	DB0~DB7	Data bus (DB0=LSB, DB7=MSB)									
14	Vdd	Power supply for logic (+5V)									
15	VSS	Signal ground (GND)									
16	Adj1	The pin for the contrast setted by customer									
17	Adj2	The pin for the contrast setted by customer									
18	BLE	H: EL Enable L: EL Disable									
19	VEL	Power supply for EL (+)									
20	VELG	Power supply for EL (-)									

Absolute Maximum Rating												
Item	Symbo	ol Condit	Condition		Min.		Max.		Units			
Supply for logic voltage	Vdd-Vs	ss 25°C	25°C		-0.3		7.0		V			
LCD driving supply voltage	Vee-Vs	ss 25°C	25°C		-0.3		30.0		V			
Input Voltage	VIN	25°C	) <b>-</b> (		0.3	VI	VDD+		V			
Electrical Characteristics												
Item	Symbol	Condition	М	1in. Typic		ical	M	ax.	Units			
Power supply voltage	Vdd-Vss	25°C	4.	1.75 5.0		0	5.5		V			
	VOP	Тор	N	W	N	W	N	W	V			
		-20°C	-	-	-	20.6	0	-	V			
LCD operation voltage		0°C	-				-	-	V			
202 operation vertage		25°C	-	-(		19.0	-	-	V			
		50°C	-	3		-	-	-	V			
		70°C		6	-	17.0	-	-	V			
LCM current consumption (No B/L)	Idd	Vdd=5V	O	-	20		-		mA			
Backlight current consumption EL VEL=5V			40.0		.0	_		mA				