

Phoenix Display International, Inc.

PRODUCT PREVIEW

128 x 64 Monochrome

TN/STN

Graphics
Liquid Crystal Display

SPECIFICATIONS

MODULE

Part Number	G-1286448G-VA
Format	128 Columns by 64 Rows
Controller	S6B1713A11-B0CZ
Overall Dimensions	39.0mm x 42.0mm x 2.8mm
Active Area	32.0mm x 17.9mm
Pixel Pitch	250um x 280um
Pixel Size	220um x 250um
Backlight System	EL
Driver Attach	Chip on Glass (COG)
Display Type	STN, FSTN
Duty	1/64
Bias	1/9



4.0 ABSOLUTE MAXIMUM RATINGS

Item	Symbol	Test Condition	Standard Value		
			Min.	Max.	Unit
Supply Voltage (Logic)	$V_{DD}-V_{SS}$	25°C	-0.3	7	V
Supply Voltage (LCD)	$V_{DD}-V_O$		-0.3	17	V
Input Voltage	V_{IN}		-0.3	$V_{DD}+0.3$	V
Operating Temp.	T_{OPR}		-20	70	°C
Storage Temp.	T_{STG}		-30	80	°C

5.0 PIN ASSIGNMENT

PIN No.	Symbol	Description
1	/CS	Chip select input pins
2	/RES	Reset input pin
3	A0	Register select input pin
4	R/W	Read / Write execution control pin
5	E	Read / Write execution control pin
6~13	D0~D7	Data Bus
14	V_{SS}	Ground
15	V_{DD}	Power supply
16	EL-E	EL ENABLE

Remark

1. LCD option: STN, FSTN .
2. Customized module.
3. Backlight option: LED, EL backlight feature, other specs not available on catalog is under request.