

Part number list

SG12232P□□□-□□-□□-□

Feature

1. Built-in controller SBN1661G or equivalent
2. Built-in oscillation
3. +5V single power supply
4. 6800 interface
5. LED RGB Backlight

Pin Assignment

Pin No.	Symbol	Description
1	V _{SS}	Power supply Ground
2	V _{DD}	Power supply Voltage
3	V _O	Contrast Adjustment Voltage
4	A0	Data Type select signal
5	R/W	Read/Write select signal
6	E1	Chip Select Signal for IC1
7	E2	Chip Select Signal for IC2
8~15	DB0~7	Data Bus Line
16	/RES	Reset Signal
17	A	LED Power (+)
18	K1	Red LED power supply
19	K2	Green LED power supply
20	K3	Blue LED power supply

Mechanical Data

Item	Standard Value	Unit
Module Dimension	117.0 x 39.0	mm
Active Area	79.62 x 20.76	mm
Dot Pitch	0.65 x 0.65	mm
Dot Size	0.61 x 0.61	mm

Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Input Voltage	VDD	5.0	V

Mechanical Drawing

