

### Part number list

SG12232P□□□-□□-□□-□

### Feature

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

### Pin Assignment

Pin No.	Symbol	Description
1	V <sub>SS</sub>	Ground
2	V <sub>DD</sub>	Power supply for logic
3	V <sub>O</sub>	Contrast Adjustment
4	A0	Data/ Instruction select signal
5	R/W	Read/Write select signal
6	CS1	Chip Select Signal for IC1
7	CS2	Chip Select Signal for IC2
8~15	DB0~7	Data Bus Line
16	/RES	Reset Signal
17	A	Power supply for B/L +
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	73.62 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
Recommended LCD Driving Voltage for Normal Temp. Version module @25°C	VDD-VO	4.8	V

### Mechanical Drawing

