

### Part number list

SG12232S□□□-□□-□□-□

### Feature

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

### Pin Assignment

Pin No.	Symbol	Description
1	A0	Data/ Instruction select signal
2	E1	Chip select signal (IC1)
3	E2	Chip select signal (IC2)
4	NC	No Connection
5	NC	No Connection
6	R/W	Read/Write select signal
7	V <sub>SS</sub>	Ground
8~15	DB0~DB7	Data bus line
16	V <sub>DD</sub>	Power supply for logic
17	/RES	Reset Signal
18	V <sub>O</sub>	Contrast Adjustment
19	A	Power supply for B/L (+)
20	K	Power supply for B/L (-)

### Mechanical Data

Item	Standard Value	Unit
Module Dimension	66.2 x 27.2	mm
Active Area	53.64 x 15.64	mm
Dot Pitch	0.44 x 0.49	mm
Dot Size	0.40 x 0.45	mm

### Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Input Voltage	V <sub>DD</sub>	5.0	V
Recommended LCD Driving Voltage for Normal Temp. Version module @25°C	V <sub>DD-VO</sub>	4.8	V

### Mechanical Drawing

