

### Part number list

SG12232D□□□-□□-□□-□

### Feature

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

### 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	E1	Chip select signal (IC1)
6	E2	Chip select signal (IC2)
7~14	DB0~DB7	Data bus line

### Mechanical Data

Item	Standard Value	Unit
Module Dimension	84.0 x 44.0	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

