

### Part number list

SG16032B□□□-□□-□□-□

### 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	CS1	Chip Select Signal for IC1
6	CS2	Chip Select Signal for IC2
7	NC	No connection
8	E	Enable Signal
9	RW	Read/Write select signal
10~17	DB0~7	Data Bus Line
18	/RES	Reset Signal
19	A	Power supply for B/L +
20	K	Power supply for B/L -

### Mechanical Data

Item	Standard Value	Unit
Module Dimension	122.0 x 44.0	mm
Active Area	94.36 x 19.16	mm
Dot Pitch	0.59 x 0.60	mm
Dot Size	0.55 x 0.56	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

