

### Part number list

SG12864M□□□-□□-□□-□

### Feature

1. Built-in controller SBN0064G or equivalent
2. Built-in oscillation and negative voltage
3. +5V single power supply
4. 6800 interface

### Pin Assignment

Pin	Symbol	Function
1	Vss	GND
2	Vdd	Power supply (+5V)
3	Vo	Contrast adjustment
4	D/I	Data/Instruction
5	R/W	Data read/write
6	E	H --> L Enable signal
7~14	DB0~7	Data bus line
15	CS1	Chip select for IC1
16	CS2	Chip select for IC2
17	/RST	Reset
18	Vee	Negative voltage output
19	A	Power supply for B/L (+)
20	K	Power supply for B/L (GND)

### Mechanical Data

Item	Standard Value	Unit
Module Dimension	84.4 x 66.0	mm
Active Area	66.52 x 33.24	mm
Dot Pitch	0.52 x 0.52	mm
Dot Size	0.48 x 0.48	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	8.3	V

### Mechanical Drawing

