

Part number list

SG12232N□□□-□□-□□-□

Feature

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

Pin Assignment

Pin No.	Symbol	Description
1	V _{SS}	Ground
2	V _{DD}	Power supply for logic
3	V _O	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	NC	No connection
9	R/W	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	85.0 x 40.0	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 _{DD}	5.0	V
Recommended LCD Driving Voltage for Normal Temp. Version module @25°C	V _{DD-V_O}	4.8	V

Mechanical Drawing

