

Part number list

SG16032C□□□-□□-□□-□

Feature

1. Built-in controller ST7920
2. Built-in oscillation and negative voltage
3. +5V single power supply
4. 6800 / SPI interface
5. Built-in Chinese font

Pin Assignment

Pin No.	Symbol	Description
1	V _{SS}	Ground
2	V _{DD}	Power supply for logic
3	V _O	Contrast Adjustment
4	RS(CS)	Resister Select (Serial Chip Select)
5	R/W(SID)	Read/Write (Serial data input)
6	E(SCLK)	Enable Signal (Serial clock)
7~14	DB0~7	Data Bus Line
15	PSB	H:6800 L:SPI
16	NC	No connection
17	/RST	Reset Signal
18	VOUT	Power Supply Voltage for LCD
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	VDD	5.0	V
Recommended LCD Driving Voltage for Normal Temp. Version module @25°C	VDD-VO	4.8	V

Mechanical Drawing

