

Part number list

SG12832A□□□-□□-□□-□

Feature

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

Pin Assignment

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	R/W	Read/Write select signal
6	E	Enable Signal
7~14	DB0~7	Data Bus Line
15	A	Power supply for B/L +
16	K	Power supply for B/L -

Mechanical Data

Item	Standard Value	Unit
Module Dimension	66.0 x 26.0	mm
Active Area	47.32 x 12.12	mm
Dot Pitch	0.37 x 0.38	mm
Dot Size	0.33 x 0.34	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-VO}	4.8	V

Mechanical Drawing

