

Part number list

SG12864G□□□-□□-□□-□

Feature

1. Built-in controller T6963C or equivalent
2. Built-in oscillation and negative voltage
3. +5V single power supply
4. 8080 interface

Pin Assignment

Pin	Symbol	Function
1	FG/Vee	Frame ground / Negative voltage output
2	Vss	Power supply(GND)
3	Vdd	Power supply(+5V)
4	Vo	Contrast Adjustment
5	/WR	Data write
6	/RD	Data read
7	/CE	Chip enable
8	C/D	Command/data
9	/RST	Controller reset
10~17	DB0~7	Data bus line
18	FS	Font select(H: 6x8, L:8x8)
19	K	Power supply for B/L (GND)
20	A	Power supply for B/L (+)

Mechanical Data

Item	Standard Value	Unit
Module Dimension	78.0 x 70.0	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

