

Part number list

SG320240E□□□-□□-□□-□

Feature

- 1.Diagonal 3.8 inch
- 2.No Built-in controller
- 3.+3.3V/+5V single power supply
- 4.Bulit-in Negative voltage
- 5.Bulit-in Electric Volume
- 6.FFC

Pin Assignment

Pin No.	Symbol	Description
1	VDIN	Electric Volume data input
2	VCLK	Electric Volume data input
3	VSTRB	Electric Volume data input
4	VDD	Power supply for logic
5	FLM	Frame Start Signal
6	Vss	Ground
7	CL1	Common Data Shift Signal
8	Vss	Ground
9	M	Control Signal for AC driving
10	/DISPOFF	Display OFF
11	CL2	Segment Shift Resister Signal
12~13	NC	No Connection
14~17	DB0~DB7	Data bus line
18~22	FGND	Frame Ground
23	VDD	Power supply for logic
24	/EL_ON	EL/LED Backlight Signal

Mechanical Data

Item	Standard Value	Unit
Module Dimension	109.0 x 70.25	mm
Active Area	76.79 x 57.59	mm
Dot Pitch	0.50 x 0.50	mm
Dot Size	0.47 x 0.47	mm

Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Input Voltage	VDD	3.3/5	V
Recommended LCD Driving Voltage for Normal Temp. Version module @25°C	VDD-VO	21.0	V

Mechanical Drawing

