

Part number list

SG16080A□□□-□□-□□-□

Feature

- 1.No built-in controller
- 2.+2.7~+5V single power supply
- 3.(Option) Built-in negative voltage

Pin Assignment

Pin No.	Symbol	Description
1~4	DB0~3	Data Bus Line
5	/DISPOFF	Display OFF. Active LOW
6	FRM	Frame Start Signal
7	LEDOFF	Power Supply for LED
8	CL1	Common driver Data shift signal
9	CL2	Clock pulse for Segment shift Resister
10	Vdd	Power Supply for Logic
11	Vss	Ground
12	Vee	Power Supply Voltage for LCD
13	Vo	Contrast Adjustment
14	FGND	Frame Ground
15	A	Power supply for B/L +
16	K	Power supply for B/L -

Mechanical Data

Item	Standard Value	Unit
Module Dimension	109.0 x 73.0	mm
Active Area	70.36 x 47.16	mm
Dot Pitch	0.44 x 0.59	mm
Dot Size	0.40 x 0.55	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	12.6	V

Mechanical Drawing

