

Part number list

SC6804A□□□-□□-□□-□

Feature

1. Built-in controller ST7070 or equivalent
2. +5V single power supply
3. Built-in Negative voltage
4. (Option) +3V power supply

Pin Assignment

Pin No.	Symbol	Description
1	V _{SS}	Supply Ground
2	V _{DD}	Supply Voltage
3	V _O	Contrast Adjustment
4	RS	Register Select
5	R/W	Read/Write
6~9	E1~E4	Enable signal
10~17	DB0~DB7	Data bus line
18	V _{ee}	Negative Voltage Output
19	A	Power supply for B/L +
20	K	Power supply for B/L -

Mechanical Data

Item	Standard Value	Unit
Module Dimension	275.0 x 48.0	mm
Viewing Area	236.0 x 29.5	mm
Dot Size	0.50 x 0.60	mm
Character Size	3.20 x 6.65	mm

Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Input Voltage	V _{DD}	5	V
Recommended LCD Driving Voltage for Normal Temp. Version module @ 25°C	V _{DD} -V _O	5.2	V

Mechanical Drawing

