

Part number list

SC1601K□□□-□□-□□-□

Feature

1. Built-in controller ST7066 or equivalent
2. +5V single power supply
3. (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	E	Enable signal
7	DB0	Data bus line
8	DB1	Data bus line
9	DB2	Data bus line
10	DB3	Data bus line
11	DB4	Data bus line
12	DB5	Data bus line
13	DB6	Data bus line
14	DB7	Data bus line
15	A	LED Power
16	K	LED Power

Mechanical Data

Item	Standard Value	Unit
Module Dimension	151.0 x 40.0	mm
Viewing Area	120.0 x 23.0	mm
Dot Size	1.1152 x 1.765	mm
Character Size	6.0 x 14.54	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-VO}	4.5	V

Mechanical Drawing

