

Part number list

WH4002A-□□□-□□#

BC4002A □□□□□\$

SC4002A □□□-□□-□□-□

Feature

1. Built-in controller ST7066 or equivalent
2. +5V single power supply
3. (Option) +3V power supply
4. (Option) negative voltage for +3V power
5. (Option) SPI, I2C interface

Pin Assignment

Pin No.	Symbol	Description
1	V _{SS}	Ground
2	V _{DD}	Power supply for logic
3	V _O	Contrast Adjustment
4	RS	Data/ Instruction select signal
5	R/W	Read/Write select signal
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	Power supply for B/L +
16	K	Power supply for B/L -

Mechanical Data

Item	Standard Value	Unit
Module Dimension	182.0 x 33.5	mm
Viewing Area	154.4 x 16.5	mm
Dot Size	0.65 x 0.65	mm
Character Size	3.2 x 5.55	mm

Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Input Voltage	VDD	5	V
Recommended LCD Driving Voltage for Normal Temp. Version module @ 25°C	VDD-VO	4.35	V

Mechanical Drawing

