

Part number list

BC1602B3 □□□□□\$
 SC1602J □□□-□□-□□-□

BC1602B2 : Pin1(V_{DD}),Pin2(V_{SS})

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}	GND
2	V _{DD}	+5V (+3V option)
3	V _O	Contrast Adjustment
4	RSP	H/L register select signal
5	RWP	H/L read/white signal
6	EP	H --> L enable signal
7	DB0	H/L data bus line
8	DB1	H/L data bus line
9	DB2	H/L data bus line
10	DB3	H/L data bus line
11	DB4	H/L data bus line
12	DB5	H/L data bus line
13	DB6	H/L data bus line
14	DB7	H/L data bus line

Mechanical Data

Item	Standard Value	Unit
Module Dimension	85.0 x 30.0	mm
Viewing Area	66.0 x 16.0	mm
Dot Size	0.55 x 0.65	mm
Character Size	2.95 x 5.55	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	4.0	V

Mechanical Drawing

