

### Part number list

BC1602F □□□□□\$

SC1602F □□□-□□-□□-□

### 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

### Pin Assignment

Pin No.	Symbol	Description
1	DB7	Data bus line
2	DB6	Data bus line
3	DB5	Data bus line
4	DB4	Data bus line
5	DB3	Data bus line
6	DB2	Data bus line
7	DB1	Data bus line
8	DB0	Data bus line
9	E	Enable signal
10	RW	Read/Write select signal
11	RS	Data/ Instruction select signal
12	V <sub>O</sub>	Contrast Adjustment
13	V <sub>SS</sub>	Ground
14	V <sub>DD</sub>	Power supply for logic

### Mechanical Data

Item	Standard Value	Unit
Module Dimension	85.0 x 32.6	mm
Viewing Area	66.0 x 16.0	mm
Dot Size	0.56 x 0.66	mm
Character Size	2.96 x 5.56	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	4.0	V

### Mechanical Drawing

