

### Part number list

BC1602E3□□□□□\$

### 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	V <sub>SS</sub>	GND
2	V <sub>DD</sub>	+5V (+3V option)
3	V <sub>O</sub>	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
15	A/Vee	Power supply for B/L (+)/ Negative voltage output
16	K	Power supply for B/L (GND)

### Mechanical Data

Item	Standard Value	Unit
Module Dimension	106.5 x 43.5	mm
Viewing Area	99.0 x 24.0	mm
Dot Size	0.92 x 1.10	mm
Character Size	4.86 x 9.66	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	3.9	V

### Mechanical Drawing

