

### Part number list

BC1601A2□□□□□\$

### 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/V <sub>ee</sub>	Power Supply for B/L(+)/ Negative voltage output
16	K	Power supply for B/L (GND)

### Mechanical Data

Item	Standard Value	Unit
Module Dimension	57.0 x 57.0	mm
Viewing Area	39.0 x 24.4	mm
Dot Size	0.55 x 0.75	mm
Character Size	2.96 x 4.75	mm

### Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Input Voltage	V <sub>DD</sub>	5	V
Recommended LCD Driving Voltage for Normal Temp. Version module @ 25°C	V <sub>DD-VO</sub>	4.5	V

### Mechanical Drawing

