

Part number list

BC1602L □□□□□\$

Feature

1. Built-in controller ST7066 or equivalent
2. +5V single power supply
3. DIP module

Pin Assignment

Pin No.	Symbol	Description
1	V _{SS}	GND
2	V _{DD}	+5V
3	V _O	Contrast Adjustment
4	RSP	H/L register select signal
5	RWP	H/L read/white signal
6	E	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	NC	No connection
16	NC	No connection
17	A	Power supply for B/L(+)
18	K	Power supply for B/L(GND)

Mechanical Data

Item	Standard Value	Unit
Module Dimension	68.0 x 26.8	mm
Viewing Area	61.0 x 19.0	mm
Dot Size	0.65 x 0.80	mm
Character Size	2.96 x 6.68	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-VO}	4.0	V

Mechanical Drawing

