

Part number list

BC1602AI □□□□□\$

Feature

1. Built-in controller ST7066 or equivalent
2. +5V single power supply
3. UART, SPI, I2C interface selectable.
4. Contrast/Backlight adjustment by program

Pin Assignment

Read/Write select signal

Pin No.	Symbol	Description
1	TX	RS-232(TTL) level output port
2	RX	RS-232(TTL) level input port
3	VSS	Ground
4	VDD	System power supply input
5	SDA	I2C : Data Input/output for the I2C SPI : Serial data Input
6	SCL	I2C : Clock Input for the I2C SPI : Serial clock Input
7	SDO	SPI : Serial data Output
8	/CS	SPI : Chip select

Mechanical Data

Item	Standard Value	Unit
Module Dimension	80.0 x 36.0	mm
Viewing Area	66.0 x 16.0	mm
Mounting Hole	0.55 x 0.65	mm
Character Size	2.95 x 5.95	mm

Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Input Voltage	VDD	5.0	V

Mechanical Drawing

