

Part number list

RC1602BR- □□□-□□-□

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

Pin No.	Symbol	Description
1	RS	UART: Serial date Input (full duplex communication)
2	VSS	Ground
3	VDD	Supply Voltage
4	TX	UART: Serial date Output
5	CS	SPI: Chip select
6	SDO	SPI: Serial date Output
7	SCK/SCL	SPI: Serial clock Input I2C: Serial clock Input
8	SDI/SDA	SPI: Serial date Input I2C: Serial date Input/output
9	VSS	Ground
10	VDD	Supply Voltage

Mechanical Data

Item	Standard Value	Unit
Module Dimension	80.0 x 36.0	mm
Viewing Area	66.0 x 16.0	mm
Dot Size	0.55 x 0.65	mm
Character Size	2.95 x 5.55	mm

Electrical Characteristics

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

Mechanical Drawing

