

Part number list

RC2004AR-□□□-□□-□

Feature

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

Pin Assignment

Pin No.	Symbol	Description
1	RX	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	98.0 x 60.0	mm
Viewing Area	77.0 x 25.2	mm
Dot Size	0.55 x 0.55	mm
Character Size	2.95 x 4.75	mm

Electrical Characteristics

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

Mechanical Drawing

