

BC1602A20c



Feature

1. COB with metal frame
2. 5x7 dots with cursor
3. Built-in controller Philips PCF2116
4. + 5V single power supply
5. Option: +3.3v power supply
6. **I2C interface**
7. Single PCB
8. Option: LED backlight

Mechanical Data

Item	Standard Value	Unit
Module Dimension	80.0 x 36.0	mm
Viewing Area	66.0 x 16.0	mm
Dot Size	0.56 x 0.66	mm
Character Size	2.96 x 5.56	mm



Pin Assignment

Pin	Symbol	Function
1	Vdd	5V input for LCM
2	SCL	I2C interface clock input
3	SDA	I2C interface data input
4	GND	GND for LCM

Electronic Characteristics

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	Vdd	Vdd = +5V	5.0	V
Supply Current	Idd	Vdd = +5V	2.0	mA
LCD Driving Voltage	Vdd-Vo	25°C	4.0	V
LED Forward Voltage	Vf	25°C	4.2	V
LED Forward Current	If	25°C	100	mA

Dimension

