

Part number list

BO1602D□□□□□\$

Feature

1. Built-in controller ST7032i
2. 5x7 dots character with icons
3. +3.3V single power supply
4. I2C interface

Pin Assignment

Pin No.	Symbol	Description
1	RST	Reset signal
2	SCL	Serial clock input
3	SDA	Signal data input/out
4	Vss	Power supply GND
5	V _{DD}	Power supply for logic
6	CAP+	Voltage booster circuit
7	CAP-	
8	Vout	LCD driver voltage

Mechanical Data

Item	Standard Value	Unit
Module Dimension	47.15 x 29.8	mm
Viewing Area	38.2 x 17.0	mm
Dot Size	0.34 x 0.50	mm
Character Size	1.86 x 4.56	mm

Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Input Voltage	V _{DD}	3.3	V
Recommended LCD Driving Voltage for Normal Temp. Version module @ 25°C	V _{DD-VO}	4.8	V

Mechanical Drawing

