

Part number list

BO1602E □□□□□\$

Feature

1. Built-in controller ST7032i
2. +3.3V single power supply
3. I2C interface

Pin Assignment

Pin No.	Symbol	Description
1	VOUT	LCD driver voltage
2	CAP-	Voltage booter circuit
3	CAP+	External capacitor about 0.1uf to 4.7 uf
4	VDD	Power supply for logic(+3.3V)
5	Vss	Power supply GND
6	SDA	Signal data input/output
7	SCL	Serial clock input
8	RST	Reset signal

Mechanical Data

Item	Standard Value	Unit
Module Dimension	103.0 x 36.0	mm
Viewing Area	99.0 x 24.0	mm
Dot Size	0.92 x 1.1	mm
Character Size	4.84 x 9.22	mm

Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Input Voltage	VDD	3.3	V
Recommended LCD Driving Voltage for Normal Temp. Version module @ 25°C	VDD-VO	4.5	V

Mechanical Drawing

