

### Part number list

BO2002B □□□□□\$

### Feature

1. Built-in controller ST7036i
2. +3V single power supply
3. I2C interface

### Pin Assignment

Pin No.	Symbol	Description
1	VOUT	DC-DC voltage converter, Connect a capacitor between this terminal And VIN when the built-in booster is used.
2	CAP-	For voltage booster circuit(VDD-VSS)
3	CAP+	External capacitor about 0.1uf to 4.7 uf
4	VDD	Power supply
5	VSS	GND
6	SDA	Signal data input
7	SCL	Serial clock input
8	RST	External reset pin

### Mechanical Data

Item	Standard Value	Unit
Module Dimension	153.0 x 35.0	mm
Viewing Area	149.0 x 23.0	mm
Dot Size	1.12 x 1.12	mm
Character Size	6.0 x 9.66	mm

### Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Input Voltage	VDD	3.0	V
Recommended LCD Driving Voltage for Normal Temp. Version module @ 25°C	VDD-VO	4.5	V

### Mechanical Drawing

