

BO1602E

Feature

1. COG package
2. 5x7 dot with cursor
3. Built-in controller ST7032i
4. +3.3V single power supply
5. 1/16 duty cycle
6. I2C series interface

Mechanical Data

Item	Standard Value	Unit
Module Dimension	103.0 x 36.0	mm
Viewing Area	99.0 x 24	mm
Dot Size	0.92 x 1.1	mm
Character Size	4.84 x 9.22	mm



Pin Assignment

Pin	Symbol	Level	Function
1	VOUT	-	LCD driver voltage
2	CAP-	-	Voltage booster circuit
3	CAP+	-	External capacitor about 0.1uf to 4.7uf
4	VDD	-	Power supply for logic (+3.3V)
5	VSS	-	Power supply GND
6	SDA	H/L	Serial Data Input/Output
7	SCL	H/L	Serial clock input
8	RST	H/L	Reset signal

Electronic Characteristics

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	Vdd		3.3	V
Supply Current	Idd	Vdd = +3.3V	1	mA
LCD Driving Voltage	V _{LCD}	25°C	4.5	V

Dimension

