BOLYMIN

BO1602D

Feature

1. COG package
2. 5x7 dots with cursor, with icons
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	41.2 x 27.5	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

Pin Assignment

Pin	Symbol	Function
1	RST	Reset signal
2	SCL	Serial clock input
3	SDA	Sseial data input/out
4	VSS	Power supply GND
5	VDD	Power supply for logic
6	CAP+	Voltage booster circuit
7	CAP-	
8	Vout	LCD driver voltage

Electronic Characteristics

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	Vdd	Vdd = +3.3V	3.3	V
Supply Current	Idd	Vdd = +3.3V	1.0	mA
LCD Driving Voltage	V_{Lcd}	25°C	4.8	V

Dimension

