

Part number list

BO12864G□□□□\$

Feature

1. Built-in controller ST7588T
2. Built-in oscillation and voltage regulator
3. +3V single power supply
4. I2C interface

Pin Assignment

Pin	Symbol	Function
1	Vo	LCD supply voltage
2	C4P	For voltage booster circuit capacitor connection pin for voltage converter
3	C2N	
4	C2P	
5	C1P	
6	C1N	
7	C5P	
8	C3P	
9	C3N	
10	VOUT	DC-DC voltage converter
11	VDD	Power supply (+3,0V)
12	VSS	Ground
13	SDA	I2C input data
14	SCL	I2C input clock
15	/RESET	Reset : L=Enable H=Disable
16	NC	No connection

Mechanical Data

Item	Standard Value	Unit
Module Dimension	88.3 x 52.8	mm
Active Area	66.52 x 33.24	mm
Dot Pitch	0.52 x 0.52	mm
Dot Size	0.48 x 0.48	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	9.2	V

Mechanical Drawing

