

Part number list

BO128128B□□□□\$

Feature

1. Bulit-in controller ST7541i
2. Bulit-in oscillation and voltage regulator
3. +3.3V single power supply
4. I2C interface

Pin Assignment

Pin	Symbol	Level	Function
1	V0	-	LCD driver voltage
2	V1	-	
3	V2	-	
4	V3	-	
5	V4	-	
6	VOUT	-	DC-DC voltage converter
7	VSS	-	Ground
8	VDD	3.3V	Power supply (+3.3V)
9	SCL	H/L	I2C Serial Clock Input
10	SDA	H/L	I2C Serial Data Input
11	/RESET	L	Reset : L=Enable H=Disable
12	NC	-	NC

Mechanical Data

Item	Standard Value	Unit
Module Dimension	72.4 x 66.8	mm
Active Area	44.77 x 44.77	mm
Dot Pitch	0.35 x 0.35	mm
Dot Size	0.32 x 0.32	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	14.0	V

Mechanical Drawing

