

Part number list

BO160160A□□□□\$

Feature

1. Built-in controller ST7529
2. Built-in voltage booster
3. +3.3V power supply
4. SPI interface
5. Backlight : LED Blue

Pin Assignment

Pin No.	Symbol	Description
1	A0	Data /Command select
2	/RST	Reset signal
3	SI	Serial Data Input
4	SCL	Serial Clock Input
5	XCS	Chip select
6	VDD	Power supply voltage
7	VSS	Power supply ground
8	VDD	Power supply voltage
9	C7P	Capacitor for internal DC/DC voltage converter
10	C1N	Capacitor for internal DC/DC voltage converter
11	C5P	Capacitor for internal DC/DC voltage converter
12	C3P	Capacitor for internal DC/DC voltage converter
13	C1N	Capacitor for internal DC/DC voltage converter
14	C1P	Capacitor for internal DC/DC voltage converter
15	C2P	Capacitor for internal DC/DC voltage converter
16	C2N	Capacitor for internal DC/DC voltage converter
17	C4P	Capacitor for internal DC/DC voltage converter
18	C2N	Capacitor for internal DC/DC voltage converter
19	C6P	Capacitor for internal DC/DC voltage converter
20	VLCDIN	External LCD Driving voltage input
21	VLCDOUT	LCD Driving voltage output
22~26	V4~V1	LCD driver supply voltage

Mechanical Data

Item	Standard Value	Unit
Module Dimension	50.0 x 55.0	mm
Active Area	31.96 x 35.18	mm
Dot Pitch	0.20 x 0.22	mm
Dot Size	0.18 x 0.20	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	VLCD	14.5	V

Mechanical Drawing

