

BO128128A

Feature

1. COG package
2. Built-in controller ST7528
3. +3.3V power supply
4. 1/128 duty cycle
5. +2.0V~+3.6V single power supply
6. On chip LCD booster
7. 4 wire Serial Peripheral Interface(SPI)
8. 16 gray scale

Mechanical Data

Item	Standard Value	Unit
Module Dimension	45.0 x 46.0	mm
Viewing Area	30.5 x 32.0	mm
Dot Size	0.199 x 0.213	mm
Dot Pitch	0.213 x 0.233	mm

Pin Assignment

Pin	Symbol	Function
1	Vdd	Power supply (+3.3V)
2	Vss	Power supply (GND)
3	Vout	LCD power supply
4	SID	Serial data input
5	SCLK	Serial colock
6	A0	Data / Command
7	/RST	Reset signal
8	/CSB	Chip select
9~14	NC	No connection

Electronic Characteristics

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	Vdd	Vdd = +3.3V	3.3	V
Supply Current	Idd	Vdd = +3.3V	0.5	mA
LCD Driving Voltage	VOUT	25°C	11.0	V

Dimension

