



# BO8032A

## Feature

1. COG package
2. Built-in controller KS0713(S6B1713)
3. +3V power supply
4. 1/32 duty cycle
5. +2.4V~+3.6V single power supply
6. Option: EL Backlight
7. Serial Peripheral Interface (SPI)



## Mechanical Data

Item	Standard Value	Unit
Module Dimension	44.0 x 30.0	mm
Viewing Area	40.0 x 17.4	mm
Dot Size	0.45 x 0.45	mm
Dot Pitch	0.48 x 0.48	mm

## Pin Assignment

Pin	Symbol	Function
1	Vss	GND
2	Vdd	Power supply for logic
3	/RESET	Reset signal
4	RS	Data/Command
5	NC	No Connection
6	NC	No Connection
7	SID	Serial data input
8	SCLK	Serial clock
9	/CS	Chip select
10	NC	No connection

## Electronic Characteristics

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	Vdd	Vdd = +3V	3.0	V
Supply Current	Idd	Vdd = +3V	0.5	mA
LCD Driving Voltage	V <sub>Lcd</sub>	25°C	5.6	V

## Dimension

