

### Part number list

BO128128C□□□□\$

### Feature

1. Built-in controller ST7528
2. Built-in oscillation and voltage regulator
3. +3.3V single power supply
4. SPI interface
5. 16 Gray scale available

### Pin Assignment

Pin	Symbol	Level	Function
1	NC	-	No connection
2	V0	-	LCD driver voltage $V0 \geq V1 \geq V2 \geq V3 \geq V4 \geq VSS$
3	V1	-	
4	V2	-	
5	V3	-	
6	V4	-	
7	VOUT	-	DC-DC voltage converter
8	VSS	-	Ground
9	VDD	3.3V	Power supply (+3.3V)
10	SID	H/L	Serial Data Input
11	SCLK	H/L	Serial Clock Input
12	A0	H/L	H=Data L=Instruction
13	/RESET	L	Reset : L=Enable H=Disable
14	/CSB	L	L=chip selected H=chip unselected

### Mechanical Data

Item	Standard Value	Unit
Module Dimension	38.5 x 45.7	mm
Active Area	27.25 x 29.81	mm
Dot Pitch	0.213 x 0.213	mm
Dot Size	0.199 x 0.199	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	13.7	V

### Mechanical Drawing

