



SPECIFICATION

OLED SPECIFICATION

Model No:

REA006432A

General Specification

The Features is described as follow:

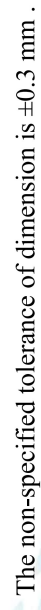
- Module dimension: $14.85 \times 16.6 \times 2.36$ mm
- Active area: 11.18×5.58 mm
- Dot Matrix: 64×32
- Pixel Size: 0.153×0.153 mm
- Pixel Pitch: 0.175×0.175 mm
- Duty: 1/32 Duty
- Display Mode: Passive Matrix
- Display Color: Monochrome
- Interface: I2C
- IC: SSD1306BZ
- SIZE: 0.49 inch

Interface Pin Function

7	Symbol	Function
1	GND	Ground
2	VCC	Power supply input.
3	SCL	When the I2C interface is selected, then D0 serves as the serial clock input pad (SCL) and D1 serves as the serial data input pad (SDAI).
4	SDA	



PIN	SYMBOL
1	GND
2	VCC
3	SCL
4	SDA



Absolute Maximum Ratings

Parameter	Symbol	Min	Max	Unit
Supply Voltage for Logic	VCC	0	4.0	V
Supply Voltage for Display	VCC1	0	16.0	V
Operating Temperature	TOP	-40	+80	°C
Storage Temperature	TSTG	-40	+85	°C

Electrical Characteristics

DC Electrical Characteristics

Item	Symbol	Condition	Min	Typ	Max	Unit
Supply Voltage for Logic	VCC	—	2.8	3.0	3.2	V
Input High Volt.	VIH	—	$0.8 \times VDD$	—	VDDIO	V
Input Low Volt.	VIL	—	0	—	$0.2 \times VDD$	V
Output High Volt.	VOH	—	$0.9 \times VDD$	—	VDDIO	V
Output Low Volt.	VOL	—	0	—	$0.1 \times VDD$	V
50% check Board operating Current	ICC	VCC1=7.5V	—	13.0	26.0	mA