DS3231 High precision clock module User Manual

1. Product features

Clock chip	DS3231
voltage	3.3V-5.5V
Clock accuracy	In the range of 0-40 ℃, the precision is 2ppm, and the annual error is about 1 minute
Temperature sensor in the chip	The accuracy is ± 3 ℃
IIC bus interface	maximum transmission speed 400kHz (when working voltage is 5V)
weight	8g
size	38mm(L)*22mm(W) *14mm (H)
Fixed hole size	2.0mm

2. Main application

Meters, Precision instruments, Industrial applications.

3. Interface definition

PIN	Name	Description
1	SCL	GP7
2	SDA	GP6
3	VCC	3.3-5.5V
4	GND	GROUND