

Real Time Clock Module (I²C-BUS)

YSN8025

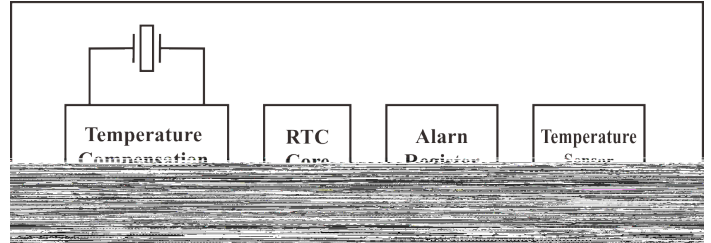
High stability: Bulid-in TCXO

YSN8025T(SOP-14)

Overview

- Low current consumption: 1.0uA (Typ.)
- High stability: $\pm 3.4\text{ppm}$ @ $-40 \sim +85$
- Operation Temperature Range: $-40 \sim +85$
- Communication Interface: I2C bus
- Build-in TCXO: 32.768KHz
- Build-in temperature sensor
- Power Supply Voltage: 1.6V ~ 5.5V
- Leap years autocorrection
- Timer output function with adjustable period
- Package: 10.1mm \times 7.4mm \times 3.2mm (SOP-14)
- RoHS 2.0 & REACH compliant

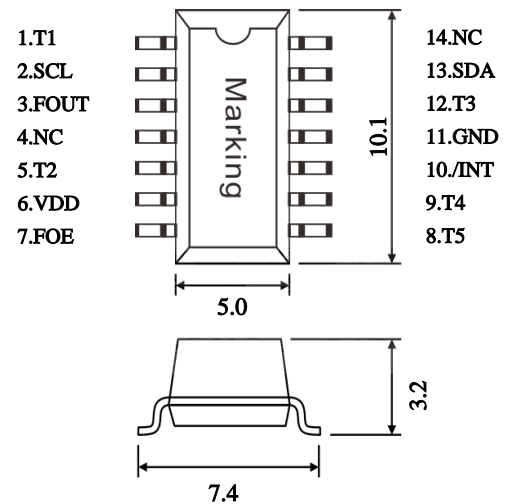
Block diagram



Pin Fuction

Pin	PinName	I/O	Description
[Redacted]			

Terminal Connection



Specifications (Characteristics)

Parameter	Symbol	Value			Unit	Remarks
		Min.	Typ.	Max.		
Power Supply Voltage	VDD	1.6	3.0	5.5	V	/