

Real Time Clock Module (I²C-BUS)



YSN8900

High stability: Bulid-in TCXO

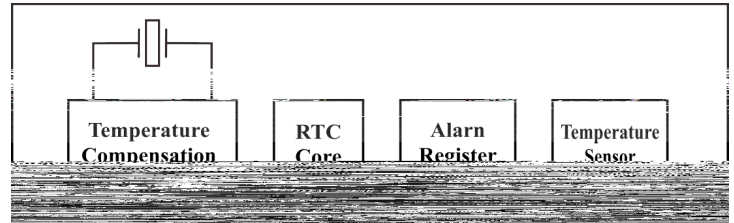
YSN8900E

YSN8900A

Overview

- Low current consumption: 1.0uA (Typ.)
- Communication Interface: I2C bus
- Power Supply Voltage: 1.6V ~ 5.5V
- Operation Temperature Range: -40 ~ +85
- Leap years auto correction
- Backup battery switchover function
- Build-in TCXO: 32.768KHz
- Timer output function with adjustable period
- Build-in temperature sensor
- High stability: $\pm 5\text{ppm}/\pm 3.4\text{ppm}$ @ -40 ~ +85
- Package: 3.2mm $\times$ 2.5mm $\times$ 1.0mm

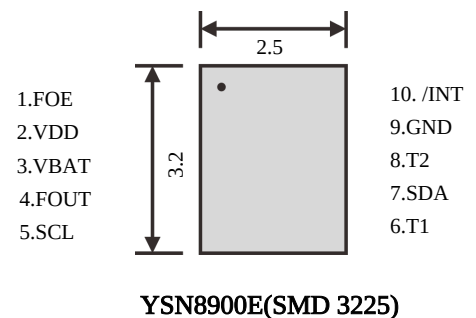
Block diagram



Pin Fuction



Terminal Connection



Specifications (Characteristics)

Parameter	Symbol	Value	Units	Remarks

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