

SMD 5032 RTC Crystal Oscillator



Size: 5.0×3.2×1.20 mm

5B Series SMD RTC Oscillator

Features

- Small Real Time Clock oscillator in SMD seam sealed ceramic package.
- 5032 size, 4 pads design to achieve good soldering contact on PCB
- 3-state function available for power saving.
- Automatic mounting and reflow soldering.
- Applications: Wireless communication, Timer module, Automotive multimedia device, Telecommunication, etc.
- High stability, low jitter, low power consumption.
- RoHS Compliant / Pb-Free.

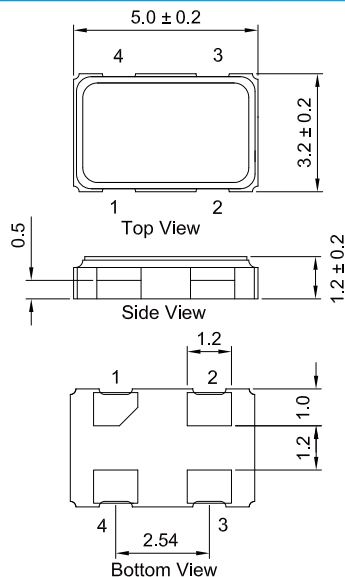


Electrical Specifications

Item /Type	5B (SMD 5032 RTC Crystal Oscillator)
Norminal Frequency	32.768 kHz
Oscillator Mode	AT Fundamental
Oscillation Mode	CMOS
Output Type	15pF, or specify
Supply voltage	2.5V, 2.8V, 3.3V
Frequency Stability	±25ppm
Operating Temperature Range	-40~+85°C, or specify
Storage Temperature Range	-55~+125°C
Voltage Vol (Max.) / Voh (Min.)	0.1VDD / 0.9VDD
Rise(Tr) / Fall(Tf) Time	200ns Max.
Current Consumption	3mA Max.
Symmetry	45~55%
Start-up Time	10ms Max.
3-state Voltage Vol (Max.) / Voh (Min.)	0.3VDD /0.7VDD
Aging (at 25°C)	±3ppm/Year Max.

Dimensions

Units:mm



PAD FUNCTION:
 1: ENABLE CONTROL
 2: GND
 3: OUT
 4: VDD

