

# SMD 7050 RTC Crystal Oscillator



Size: 7.0×5.0×1.30 mm

7A Series SMD RTC Oscillator

## Features

- Package size: 7.0×5.0×1.3mm.
- Meet 32.768kHz RTC clock signal for tight tolerance requirement.
- Easy to use SMD seam sealed ceramic package.
- 3-state function.
- Automatic mounting and reflow soldering.
- 4 Pads designed to achieve good soldering contact on PCB.
- Use AT crystal as the resonator for good temperature performance.
- RoHS Compliant / Pb-Free.



## Electrical Specifications

Item /Type	7A (SMD 2520 RTC Crystal Oscillator)
Norminal Frequency	32.768 kHz
Oscillator Mode	AT Fundamental
Oscillation Mode	CMOS
Output Type	15pF, or specify
Supply voltage	1.8V, 2.5V, 2.8V, 3.3V
Frequency Stability	±25ppm, ±50ppm
Operating Temperature Range	-20~+70°C, -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	250ns 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

