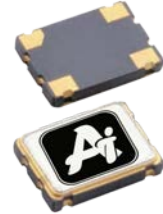




Features

- 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.



Electrical Specifications

Type	SMD 7050 RTC CRYSTAL OSCILLATOR
Nominal Frequency	32.768 kHz
Oscillator Mode	AT Fundamental
Output Type	CMOS
Output Load	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.

Ordering Information

KRT7050	15	28	25	A	
Product Code	Output Load 15=15pF	Supply Voltage 28=2.8V	Frequency Stability 25=±25ppm	Operating Temperature	
				A: -20~+70°C	D: -40~+125°C
				B: -10~+70°C	E: -10~+60°C
				C: -40~+85°C	F: -30~+70°C

Dimension

Units:mm

