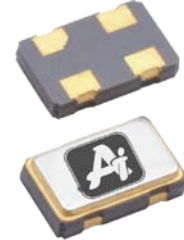




### Features

- 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.



### Electrical Specifications

Type	SMD 5032 RTC CRYSTAL OSCILLATOR
Nominal Frequency	32.768 kHz
Oscillator Mode	AT Fundamental
Output Type	CMOS
Output Load	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.

### Ordering Information

KRT5032	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

