



### Features

- 3225 size, 1.0mm high, ultra small 32.768kHz RTC oscillator in seam sealed ceramic package.
- 4 pads design to achieve good soldering contact on PCB.
- 3-state function available for power saving.
- Automatic mounting and reflow soldering.
- Applications: Peripherals, Bluetooth, DSC, PC, Mobile phone, PDA, DVC, Telecommunications, NFC, etc.
- Use AT crystal as the resonator for good temperature performance.



### Electrical Specifications

Type	SMD 3225 RTC CRYSTAL OSCILLATOR
Nominal Frequency	32.768 kHz
Oscillator Mode	AT Fundamental
Output Type	CMOS
Output Load	15pF, or specify
Supply Voltage	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	300ns 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

KRT3225	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

