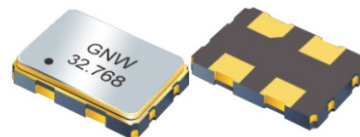


2.0×1.6 32.768KHz Oscillator



APPLICATIONS

- RTC and Data Recovery
- IoT Devices
- Portable Electronics

FEATURE

- Miniature 2.0×1.6mm
- Wide Voltage Range:1.62V~3.63V
- Low Power Consumption
- Tight Tolerance and Stability
- Tri-state Available

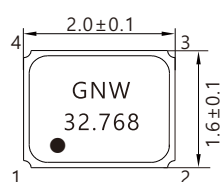


Electrical Specifications 电气参数

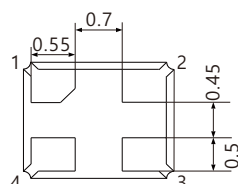
项目	Item/Type	Electrical Specifications		
标称频率	Nominal Frequency	32.768KHz		
频率偏差	Frequency Tolerance	±10ppm to ±30ppm (at 25 °C)		
温度频差	Temperature Drift	±10ppm to ±30ppm		
工作温度范围	Operating Temperature Range	-20°C ~ +70°C, -40°C ~ +85°C		
输入电压	Power Supply Voltage	1.8V DC ±10%.	2.5V DC ±10%.	3.3V DC ±10%.
消耗电流	Current Consumption	0.2mA max.	0.3mA max.	0.4mA max.
输出波形	Output Type	CMOS		
输出负载	Output Load	15pF		
占空比	Symmetry	45% to 55%		
输出电压	Output Voltage Level	VOL: 10%Vcc max. / VOH: 90%Vcc min.		
启动时间	Start-up Time	3ms max.		
储存温度范围	Storage Temperature Range	-55°C ~ +125°C		
老化率	Aging (at 25°C)	±3ppm/year max.		

Mechanical Dimensions 外型尺寸

Units:mm

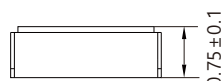


Top View

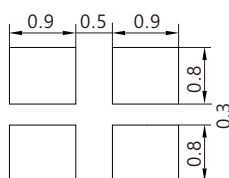


Bottom View

Terminal	Connection
#1	Tri-state or N.C
#2	GND
#3	Output
#4	Vcc



Side View



Land Pattern

Tri-state Function	
Tri-state pin	Output
High or Floating	Active
Low	Hi-Impedance