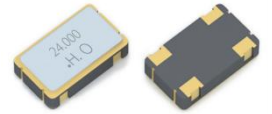


OSC3225

Applications Features

- SmartWearable IOT Communication.
- Dimensions: 3.20 x 2.50 x 1.20 mm .
- Standard Frequency: 0.032768~125MHz
- High precision and high frequency stability.
- Extremely good for reducing EMI effect .



规格 Specifications

型号 Type	OSC3225			UNIT
工作电压 Supply Volyage Variation	3.3	2.5	1.8	V
	VDD±10%			V
频率范围 Standard Frequency	0.032768 1.25-125			MMz
工作温度范围 Operating Temp Range	-40~125			℃
频率稳定性 Frequency Stability	±20 ~± 50			PPM
输出负载 Output Load	15			PF
输入电流 Supply Current 32.768KHz 1.25MHz~100MHz 100MHz~125MHz	70Max	66Max	63Max	mA
	35Max	30Max	25Max	
上升下降时间 Rise/Fall Time 32.768KHz 1.25MHz~19.99MHz 20MHz~79.99MHz 80MHz~125MHz	50Max	50Max	50Max	nSec
	4Max	4Max	5Max	
	3Max	3Max	4Max	
	3Max	3Max	4Max	
占空比 Duty Cycle	45~55			%
启动时间 Start Time	2Max			mSec
输出水平 Out Level Output Hight (Logic 1) Output Hight (Logic 0)	90%VDD Min			V
	10%VDD Max			
三态输出 Tri-State Eanble (High Voltage or floating) Disable (Low Voltage or GND)	0.7VDD Min			V
	0.3VDD Max			
待机电流 Standby Current	10			µA
贮存温度 Storage Temperature Range	-55~125			℃

外形尺寸 Dimensions and Patterns [unit:mm]

Package Size – Dimensions (Unit: mm)

[TOP VIEW]

[BOTTOM VIEW]

[SIDE VIEW]

★ To ensure optimal oscillator performance, place a by-pass capacitor of 0.1µF as close to the part as possible between VDD and GND pads.

Pin	Function
#1	Tri-State
#2	GND
#3	Output
#4	VDD