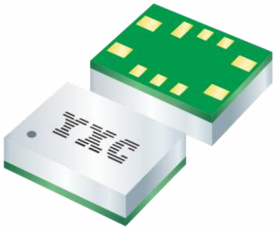
Oven-Controlled Crystal Oscillator
YOV0507SM OCXO

Applications

- 5G AAU
- PTN

Features

- Ultra-Small size, SMD package
- Wide operating temperature:-40°C to 85°C
- Low phase noise: -160 dBc/Hz @ 1 kHz (20 M)
- Aging ≤3ppb/day



Specifications（规格参数）

Item		Technical Specifications
Performance Specifications 性能指标	Frequency 频率	10~50MHz
	Supply Voltage 工作电压	3.3V
	Output waveform 波形	Sine Wave/HCMOS
	Frequency Tolerance vs.Operating Temperature Range 温度稳定度	≤±20 ppb (best achievable) @-40~+85°C
	Warm up current 启动功耗	<2W
	Steady Consumption 稳定功耗	<0.6W
	Warm up time 启动时间	<3min
	Voltage Control Characteristics 电压控制特性	Linearity <10%
		Positive
Phase Noise相噪 (@20M)	10Hz	-105dBc/Hz Min.
	100Hz	-135dBc/Hz Min.
	1kHz	-162dBc/Hz Min.
	10kHz	-165dBc/Hz Min.
	100kHz	-170dBc/Hz Min.
	1MHz	-170dBc/Hz Min.
Environmental Conditions 工作环境	Operating Temperature Range 工作温度	-40°C~85°C
	Storage Temperature Range 储存温度	-55°C~105°C
Vibration 振动	Test conditions: Amplitude: 0.75mm (5~26HZ); Acceleration: 10g; 10Hz~500Hz; 30min a cycle, 2 hours in each direction (3 directions, X, Y and Z), IEC68-2-06 Test Fc.	
Shock 冲击	50g; 11ms; Half-sine wave (3 directions, X, Y, and Z), IEC68-2-27TestEa/Severity 50A	
Size 尺寸	5.5*7.5*3.3mm	

Note: The specifications are for reference only. Please contact customer service for detailed specifications.