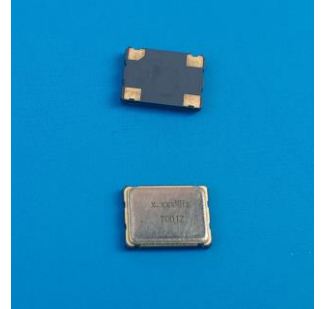


OSC5032 64.000MHZ

Features

- Tight frequency tolerance.
- Pin-compatible with standard 5.0*3.2*1.3mm. packages
- Low power standby mode.
- surface mounting and automatically loaded.
- Lower noise and current with reduced power consumption.
- Pb-free and RoHS/Green compliant.



APPLICATIONS

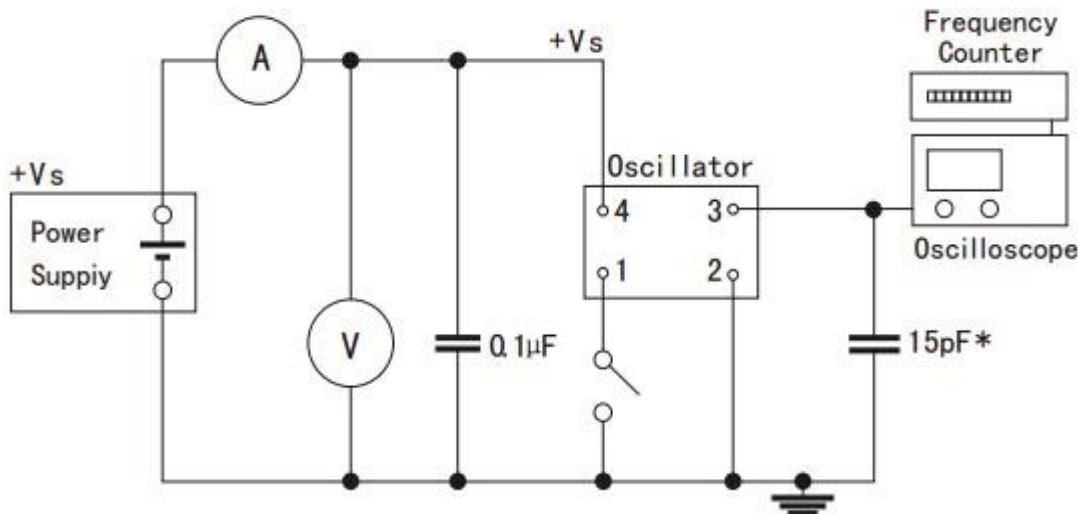
●Ideally suited designed for use in Ethernet, fiber channel, PCs, NB, CMCIA Cards, Palmtop Computer, Portable Applications.

Specifications 电气参数

| 项目Item | | 技术Specifications |
|-------------------------|--|---------------------------------|
| 频率范围Freq. Range | | 64.000MHZ |
| 总频差Frequency Stabilityu | | ±20ppm T0 ±50ppm |
| 工作温度Operaing Temp | | -20℃ to 70℃/ -40℃ to 85℃ |
| 储存温度Storage Temp | | -40℃ to 85℃ / -55℃ to 125℃ |
| 输入电压Supply Voltage | | +5Vdc or 3.3V ±10% ※(see Notes) |
| 占空比 Symmetry | | 40/60 Standard |
| 输出Output Load | | 10 TTL or 15PF HCMOS |
| 消耗电流 | Current Consumption 15pf only) (5.0V) | 1.000mhz-35.999mhz =25mA max |
| | | 36.000mhz-69.999mhz =60mA max |
| | | 70.000mhz-100.000mhz =80mA max |
| | Current Consumption 15pf only) (1.8V 2.5V 2.85V 3.3V) | 1.000mhz-35.999mhz =20mA max |
| | | 36.000mhz-69.999mhz =40mA max |
| | | 70.000mhz-125.000mhz =60mA max |
| 上升/下降时间Rise/Fall Time | | 5nS max |

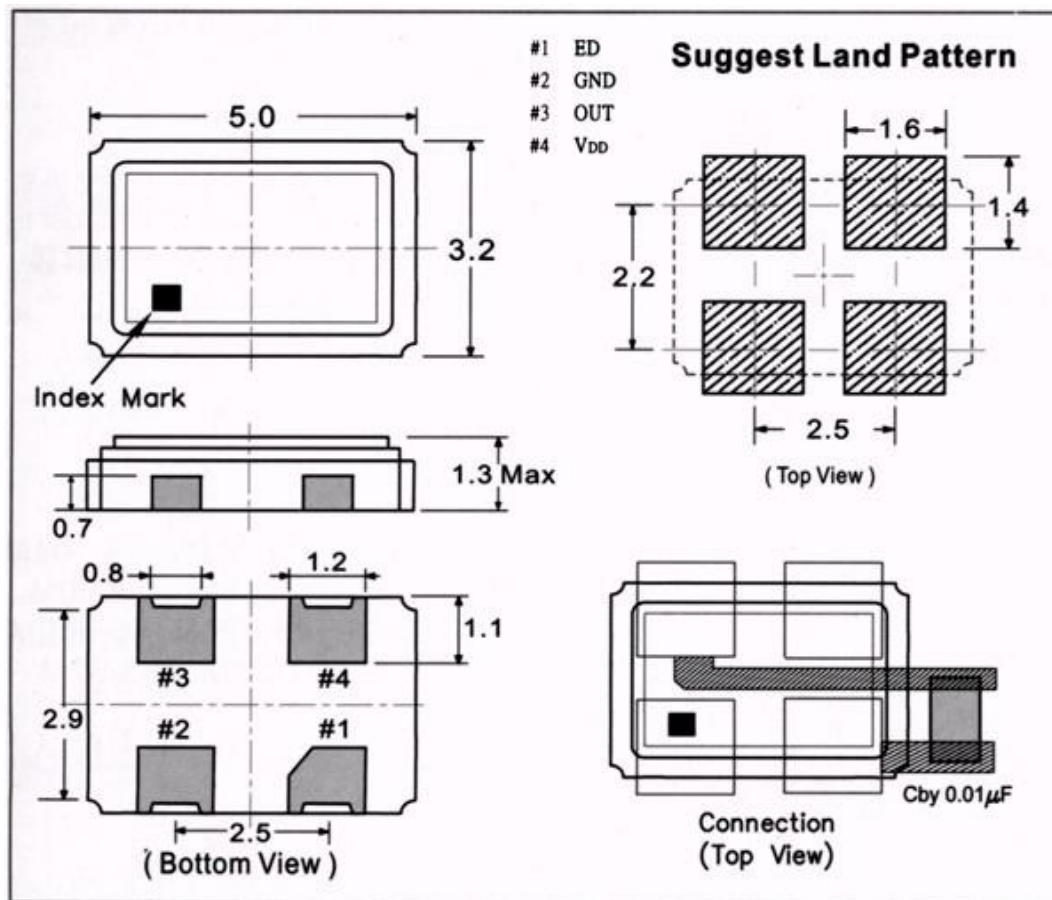
※Notes:The supply voltage 1.8V,2.5V,2.85V also can be made by customer.

Test Circuit 测试电路图



Tri-state:PIN 1 connected to Vdd or floating, the product is working properly;connected to

■ Dimensions 尺寸封装图



■ 输出波形图

