

FULL Size(14PIN) Oscillator



APPLICATIONS

- Test equipment/ Avionics
- Smart grids/ Inverters
- Electronic instruments

FEATURE

- 1MHz to 180MHz
- CMOS output
- 5V / 3.3V operating voltage
- Low phase noise and jitter
- Tri-state available

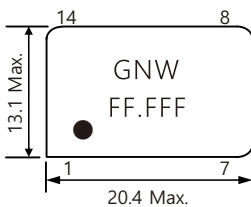


Electrical Specifications 电气参数

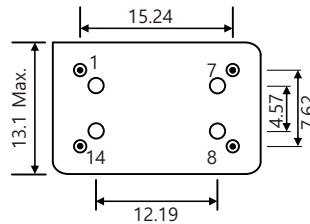
| 项目 | Item/Type | Electrical Specifications | |
|---------|-----------------------------|-------------------------------------|------------------------|
| 频率范围 | Frequency Range | 1MHz to 180MHz | |
| 总频差 | Frequency Stability | ±20ppm to ±50ppm | |
| 工作温度范围 | Operating Temperature Range | -20°C ~ +70°C, -40°C ~ +85°C | |
| 输入电压 | Power Supply Voltage | 3.3V DC ±10%. | 5.0V DC ±10%. |
| 消耗电流 | Current Consumption | 1MHz~40MHz=20mA max. | 1MHz~40MHz=25mA max. |
| | | 40MHz~80MHz=40mA max. | 40MHz~80MHz=60mA max. |
| | | 80MHz~180MHz=60mA max. | 80MHz~180MHz=80mA max. |
| 输出波形 | Output Level | CMOS | |
| 输出负载 | Output Load | 15pF, or specify | |
| 占空比 | Symmetry | 40% to 60% | |
| 输出电压水平 | Output Voltage Level | VOL: 10%Vcc max. / VOH: 90%Vcc min. | |
| 上升/下降时间 | Rise/Fall Time | 5ns max. | |
| 启动时间 | Start-up Time | 10ms 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

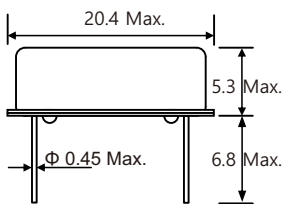


Top View



Bottom View

| Terminal | Connection |
|----------|------------------|
| #1 | Tri-state or N.C |
| #7 | GND |
| #8 | Output |
| #14 | Vcc |



Side View

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