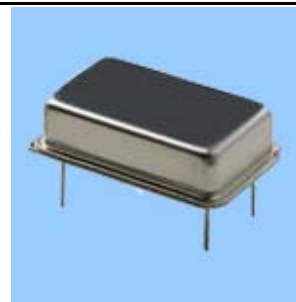


## 钟振DIP14-25. 00625MHZ

### Features

- voltage(1.8V~5.0V)
- Output Waveform(cmos)
- Supports a WIDE FREQUENCY RANGE(20K to 800MHZ)
- Output Voltage:0.4~2.4VDC
- Compact with dimensions of 20.3×12.5×7.0mm



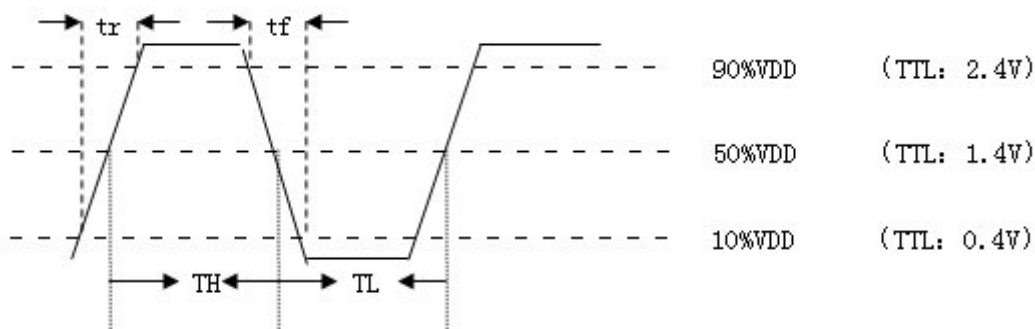
### Specifications

| 项目Item                    | 技术Specifications                  |             |
|---------------------------|-----------------------------------|-------------|
| 输出波形 Output Waveform      | 方波（cmos）                          |             |
| 频率范围Freq. Range           | 25. 00625MHZ                      |             |
| 频率稳定性Frequency Stabilityu | ±10PPm, ±20PPm, ±30PPm. ±50PPm    |             |
| 工作温度Operaing Temp         | -20℃ to 70℃ (-40℃to85℃available)  |             |
| 储存温度Storage Temp          | -55℃ to 125℃                      |             |
| 输出波形对称性 Output Symmetry   | 40-60%@1.4VDC(45-55%available)    |             |
| 电压Input Voltage:VDD       | +5.0Vdc±5% or +3.3Vdc±5%available |             |
| 电流Input Current:IDD       | 100KHz to 70MHz, ≤20mA            |             |
|                           | 70MHz to 200MHz, ≤40mA            |             |
|                           | ≥200.00MHz, ≤60mA                 |             |
| 上升时间Rise Time             | TR                                | ≤6ns        |
| 下降时间Fall Time             | TF                                | ≤6ns        |
| 输出电压Output Voltage        | VOL                               | 0.4Vdc Max. |
|                           | VOH                               | 2.4Vdc Min. |
| 输出负载Output Load           | 10LSTTL                           |             |
| 起动时间Start up Time         | <10ms                             |             |
| 老化能力 Agek Resistance      | ±3PPm Max                         |             |

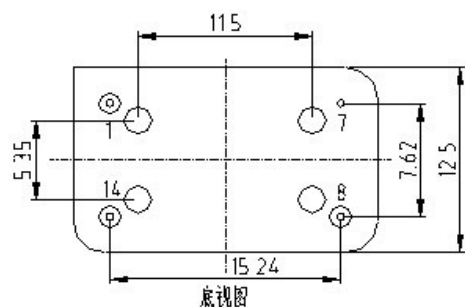
### Ordering Information



### 输出波形图



## ■ Dimensions



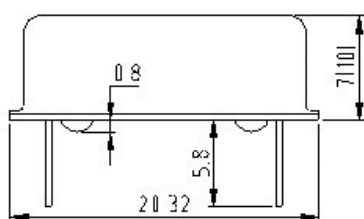
### 管脚功能

1: VC/NC

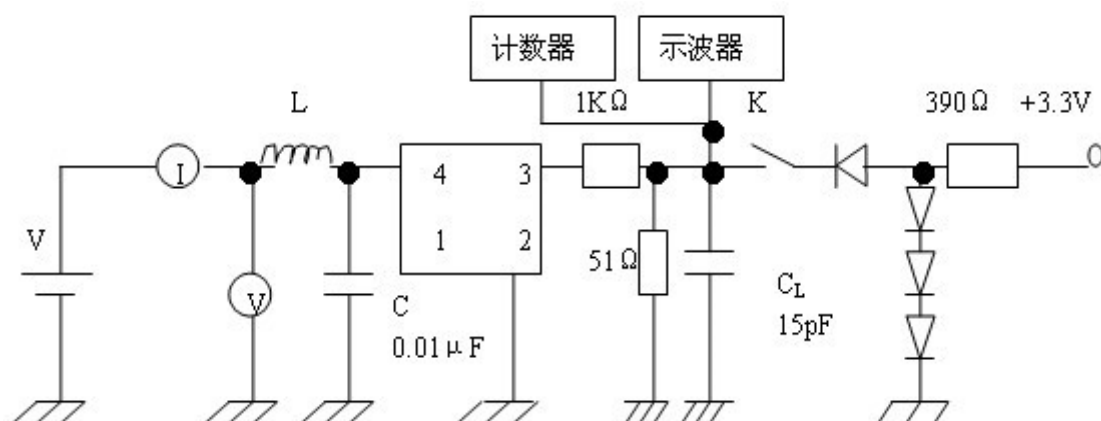
7: GND

8: OUT

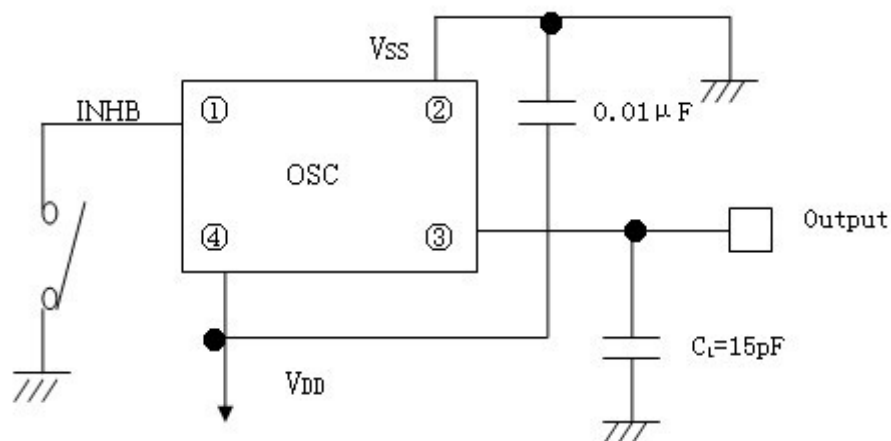
14: VCC (+5.0 VDC)



## ■ 测试电路图



## ■ 使用电路图和引出端功能说明



| 引脚                                | 1                           | 2     |
|-----------------------------------|-----------------------------|-------|
| 功能                                | 输出状态控制/NC                   | 地VSS  |
| 引脚                                | 3                           | 4     |
| 功能                                | 输出QOUT                      | 电源VDD |
| 输出控制端 INHB                        | “H”高电平或开路OPEN<br>“L”低电平（三态） |       |
| 输出Qout                            | 振荡器正常输出                     | 高阻抗   |
| 注意：输出状态控制端INHB（三态端）不能接地，否则振荡器呈高阻抗 |                             |       |