Купить данную позицию можно на сайте: https://kvarci.ru/

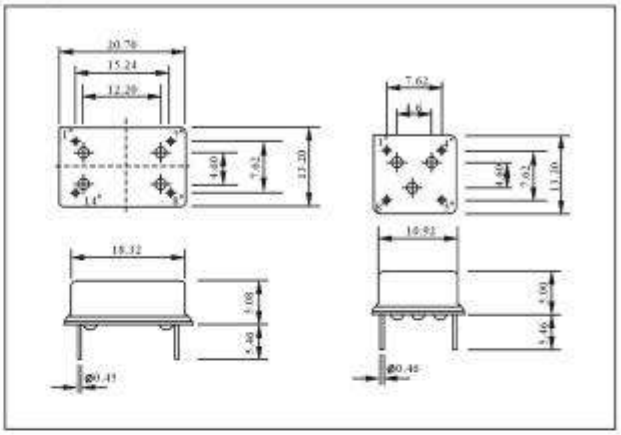
RoHS Products

FRONTER ELECTRONICS CO.,LTD.
深 圳 市 福 浪 电 子 有 限 公 司

CLOCK OSCILLATOR 钟 控 振 荡 器

14PIN / 8PIN 全尺寸/半尺寸

DIMENSIONS(Unit:mm) 外形尺寸



PARAMETERS 技术参数

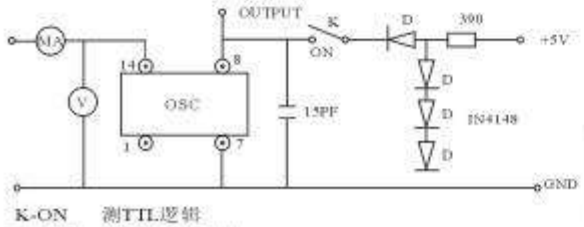
Output 输出逻辑	TTL	HCMOS	TTL/HCMOS
Frequency Range 频率范围	32KHz~155MHz	32KHz~80MHz	32KHz~155MHz
Frequency Reliability 频率稳定度	±25ppm , ±50ppm , ±100ppm (Std.)		
Storage Temperature Range 储存温度范围	0°C~+70°C		
Operating Temperature Range 工作温度范围	-40°C~+85°C		
Input Voltage 输入电压	5.0 ± 0.5 V , 3.3 ± 0.3V		
Max Input Current 最大输入电流	30mA (0.5~23.99MHz) 40mA (24~49.99MHz) 60mA (50~140MHz)	20mA (0.5~23.99MHz) 40mA (24~80MHz)	20mA (0.5~23.99MHz) 40mA (24~80MHz)
Rate 占空比	60/40% or 40/60%(1.4V)	60/40% or 40/60%(1/2V_{DD})	60/40% or 40/60%(1/2V_{DD})
Time Rise & Fall 上升时间和下降时间	15nS (0.5~8.99MHz) 10nS (9~31.99MHz)	10nS (0.5~23.99MHz) 6nS (24~80MHz)	10nS (0.5~23.99MHz) 6nS (24~80MHz)
Lower Potentiometer 低电平	0.4V (0.5~31.99MHz) 0.5V (32~140MHz)max	0.5V(10%V_{DD})max	0.5V(10%V_{DD})max
Higher Potentiometer 高电平	2.4V	4.5V(90%V_{DD})min	4.5V(90%V_{DD})min
Output Resistance 输出负载	1~10TTL	CL=15pF	CL=15pF or 1~10LSTTL

PART NUMBER GUIDE 部件号示例

F XO 25 T A B F

- Fronter
- Oscillator
- Frequency
- T=TTL
  H=HCMOS
  T/H=TTL/HCMOS
- Frequency Stability
  A=25ppm
  B=50ppm
  C=100ppm
  D=Customize
- Temperature Range
  A=0°C~+70°C
  B=-20°C~+70°C
  C=-40°C~+85°C
  D=Customize
- Package Type
  H=Half size
  F=Full size

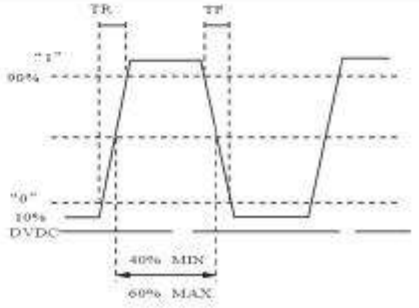
TEST CIRCUIT 测试原理图



K-ON 测TTL逻辑
K-OFF 测HCMOS逻辑

TTL	HCMOS
2.4V	4.5V
1.4V	2.5V
0.4V	0.5V

OUTPUT WAVE 输出波形图



Address: Rm 1112-1117, 11/F, Xinxin Center, NO. 6021, Shennan Rd, Shenzhen Guangdong 518040, China Tel:(86)755-83458718 Fax:(86)755-83459818 E-mail: sales@chinafronter.com

Для заказа отправьте заявку на почту: mail@kvarci.ru