



Features

- ▶ **Stratum 3 compliant**
- ▶ **HCMOS output**
- ▶ **Excellent frequency stability**
- ▶ **Wide temperature range**
- ▶ **Low cost for volume production**

Standard Frequencies

| Frequencies in MHz | |
|--------------------|---------|
| 1.5440 | 19.4400 |
| 2.0480 | 20.4800 |
| 6.1440 | 29.4912 |
| 6.1760 | 32.7680 |
| 6.4000 | 34.3680 |
| 8.1920 | 38.8800 |
| 12.2880 | 44.2360 |
| 13.0000 | 44.7360 |
| 14.3360 | 49.1520 |
| 15.3600 | 51.8400 |
| 16.3840 | |

Other frequencies available. Please consult our sales office.

Specifications

| Parameters | Product | | Option Codes |
|---|---------|-------------|--------------|
| | HTF546 | HTV546 | |
| Frequency range: 110kHz ~ 52.0MHz | ■ | ■ | |
| Frequency stability: ±4.6ppm (inclusive of calibration tolerance temperature, voltage, load, 10years ageing, shock & vibration) | ■ | ■ | |
| Temperature range: 0 to +70°C Other | ■ □ | ■ □ | specify |
| Storage temperature range: -40 to +85°C | ■ | ■ | |
| Supply voltage (V_{DD}): +5.0V (±5%) | ■ | ■ | |
| Supply current: 35mA max | ■ | ■ | |
| Driving ability: 15pF HCMOS | ■ | ■ | |
| Logic levels: '0' level = 0.4V max '1' level = 90%V _{DD} min | ■ ■ | ■ ■ | |
| Output current: '0' level = 4.0mA '1' level = -4.0mA | ■ ■ | ■ ■ | |
| Waveform symmetry: 40:60 max at 2.5V | ■ | ■ | |
| Rise / fall time: 6ns max | ■ | ■ | |
| Frequency adjustment: None ±10ppm min, +2.5 ±2V 10kΩ input impedance ±15% linearity | ■ | ■ ■ ■ | |

■ Standard. □ Optional - Please specify required code(s) when ordering

Ordering Information

Product name + frequency

eg: **HTF546 19.440MHz**

HTV546 44.7360MHz

Option code X (eg HTV546/X) denotes a custom specification.