






## 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	
<b>Frequency range:</b> 110kHz ~ 52.0MHz	■	■	
<b>Frequency stability:</b> ±4.6ppm (inclusive of calibration tolerance temperature, voltage, load, 10years ageing, shock & vibration)	■	■	
<b>Temperature range:</b> 0 to +70°C Other	■ □	■ □	specify
<b>Storage temperature range:</b> -40 to +85°C	■	■	
<b>Supply voltage (V<sub>DD</sub>):</b> +5.0V (±5%)	■	■	
<b>Supply current:</b> 35mA max	■	■	
<b>Driving ability:</b> 15pF HCMOS	■	■	
<b>Logic levels:</b> '0' level = 0.4V max '1' level = 90%V <sub>DD</sub> min	■ ■	■ ■	
<b>Output current:</b> '0' level = 4.0mA '1' level = -4.0mA	■ ■	■ ■	
<b>Waveform symmetry:</b> 40:60 max at 2.5V	■	■	
<b>Rise / fall time:</b> 6ns max	■	■	
<b>Frequency adjustment:</b> 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.