





Specifications

| Parameters | Product | Option Codes |
|---|---|------------------------|
| | GVXO-53F | |
| Frequency range: 1.0 ~ 52.0MHz | <input checked="" type="checkbox"/> | |
| Voltage control: +1.65V ±1.5V, 10% linearity | <input checked="" type="checkbox"/> | |
| Frequency pullability (min): ±50ppm ±100ppm Other | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | N S specify |
| Frequency stability: ±100ppm ±50ppm ±25ppm Other | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | A B C specify |
| Operating temperature range: -10 to +70°C -40 to +85°C | <input checked="" type="checkbox"/> <input type="checkbox"/> | I |
| Storage temperature range: -40 to +85°C | <input checked="" type="checkbox"/> | |
| Supply voltage (V_{DD}): +3.3V (±0.3V) | <input checked="" type="checkbox"/> | |
| Supply current: 15mA max (1.0 ~ 30.0MHz) 25mA max (>30.0 ~ 45.0MHz) | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> | |
| Driving ability: 15pF CMOS | <input checked="" type="checkbox"/> | |
| Logic levels: '0' level = 10%V _{DD} max '1' level = 90%V _{DD} min | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> | |
| Output current: '0' level = 4.0mA min '1' level = -1.0mA min | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> | |
| Waveform symmetry: 40:60 max | <input checked="" type="checkbox"/> | |
| Rise / fall time: 5ns max (20%~80%V _{DD}) | <input checked="" type="checkbox"/> | |
| Start up time: 10ms max | <input checked="" type="checkbox"/> | |
| Enable / disable function: Tristate (control via pad 2) | <input checked="" type="checkbox"/> | |
| Enable / disable time: 150ns / 150ns max | <input checked="" type="checkbox"/> | |

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

Features

-  **3.3V supply**
-  **Low cost for volume applications**
-  **Enable / disable tristate function**
-  **Miniature SM package**

Standard Frequencies

| Frequencies in MHz | | |
|--------------------|----------|----------|
| 2.04800 | 12.62400 | 26.00000 |
| 3.08800 | 14.31818 | 28.63636 |
| 4.09600 | 15.36000 | 32.76800 |
| 6.14400 | 16.38400 | 34.36800 |
| 8.19200 | 18.43200 | 35.32800 |
| 10.00000 | 19.44000 | 36.00000 |
| 10.24000 | 20.00000 | 38.88000 |
| 11.52000 | 20.48000 | 40.96000 |
| 12.28800 | 24.57600 | 44.73600 |
| 12.35200 | 24.70400 | |

Other frequencies available. Please consult our sales office.

Enable / Disable Function

| Input (pad 2) | Output (pad 4) |
|---------------|----------------|
| Open | Enabled |
| '1' level | Enabled |
| '0' level | High Impedance |

Ordering Information

Product + option codes + frequency
 eg: **GVXO-53F/SB 19.440MHz** ±100ppm pullability, ±50ppm stability
GVXO-53F/NC 34.3680MHz ±50ppm pullability, ±25ppm stability
 Option codes must be included to specify a model completely.
 Option code X (eg GVXO-53F/X) denotes a custom spec.

- ◆ Available on T&R - 2k pcs per reel.
- ◆ Refer to our website for T&R and soldering details.