






PIN	CONNECTION	PIN
1	Control voltage	1
7	Ground	4
8	Output	5
14	Supply	8

Scale 1:1

Features

-  **5.0V supply**
-  **Low cost for volume applications**
-  **Choice of pullability & stability**
-  **Express deliveries for non-standard items**
-  **Industrial temperature range option**

Standard Frequencies

Frequencies in MHz	
8.19200	19.44000
13.50000	20.48000
14.31818	24.57600
16.38400	27.00000
17.73447	32.76800

Other frequencies available. Please consult our sales office.

Specifications

GVXO-41F: Full size (14 pin DIL)

GVXO-41H: Half size (8 pin DIL)

Parameters	Variant		Option Codes
	F	H	
Package: 14 pin DIL (full size) 8 pin DIL (half size)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Frequency range: 1.544 ~ 33.0MHz 1.544 ~ 30.0MHz	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Voltage control: +2.5V ±2.5V, 10% linearity >100kΩ input impedance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Frequency pullability (min): ±80ppm ±150ppm ±200ppm	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	N S W
Frequency stability: ±100ppm ±50ppm ±25ppm ±20ppm ±15ppm	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	A B C D E
Ageing: ±5.0ppm max per year	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Operating temperature range: -10 to +70°C -40 to +85°C	<input checked="" type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>	I
Storage temperature range: -55 to +125°C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Supply voltage (V_{DD}): +5.0V (±5%)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Supply current: 20mA max (<20.0MHz) 30mA max (20.0 ~ 33.0MHz)	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
Driving ability: 30pF HCMOS 5 LSTTL	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
Logic levels: '0' level = +0.4V max '1' level = 90%V _{DD} min	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
Waveform symmetry @ 50%V_{DD}: 40:60 max	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Rise / fall time: 6ns max (0.4V ~ 90%V _{DD} min)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

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

Ordering Information

Product + variant + option codes + frequency
eg: **GVXO-41F/SC 20.480MHz** ±150ppm pullability, ±25ppm stability
Option codes must be included to specify a model completely.
Option code X (eg GVXO-41F/X) denotes a custom spec.

♦ ±15ppm and ±20ppm stability may not be available over -40+85°C, depending on frequency. Check with our sales office.