



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

Features

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

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

■ 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.