



Features

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

Specifications

Parameters	Product	Option Codes
	GVXO-42F	
Package:	14 pin DIL (full size)	■
Frequency range:	33.0 ~ 160MHz	■
Voltage control:	+2.5V ±2.5V, 10% linearity > 100kΩ input impedance	■ ■
Frequency pullability (min):	±80ppm ±150ppm ±200ppm	□ ■ □
Frequency stability:	±100ppm	□
	±50ppm	□
	±25ppm	■
	±20ppm	□
	±15ppm	□
Ageing:	±5.0ppm max per year	■
Operating temperature range:	-10 to +70°C	■
	-40 to +85°C	□
Storage temperature range:	-55 to +125°C	■
Supply voltage (V _{DD}):	+5.0V (±5%)	■
Supply current:	30mA max (33.0 ~ 45.0MHz)	■
	40mA max (>45.0 ~ 125MHz)	■
	50mA max (>125 ~ 160MHz)	■
Driving ability:	30pF HCMOS	■
	5 LSTTL	■
Logic levels:	'0' level = +0.4V max	■
	'1' level = 90%V _{DD} min	■
Waveform symmetry @ 50%V _{DD} :	40:60 max	■
Rise / fall time:	5ns max (0.4V ~ 90%V _{DD} min)	■

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

Ordering Information

Product + option codes + frequency

eg: **GVXO-42F/SC 49.1520MHz** ±150ppm pullability, ±25ppm stability

Option codes must be included to specify a model completely.

Option code X (eg GVXO-42F/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.