



PAD	CONNECTION
1	Control voltage
2	Enable / disable
3	Ground
4	Output
5	Not connected
6	Supply

Features

- ▶ 5.0V supply
- ▶ Fundamental mode crystal up to 78.0MHz
- ▶ Choice of pullability & stability
- ▶ Enable / disable tristate function
- ▶ Miniature SM package

Specifications

Parameters	Product	Option Codes
	GVXO-55F	
Frequency range:	1.0 ~ 78.0MHz	■
Voltage control:	+2.50V ±2.0V, 10% linearity	■
Frequency pullability (min):	±50ppm ±100ppm Other	□ ■ □ N S specify
Frequency stability:	±100ppm ±50ppm ±25ppm Other	□ ■ □ □ A B C specify
Operating temperature range:	-10 to +70°C -40 to +85°C	■ □ I
Storage temperature range:	-40 to +85°C	■
Supply voltage (V _{DD}):	+5.0V (±5%)	■
Supply current:	20mA max (1.0 ~ 18.0MHz) 30mA max (>18.0 ~ 36.0MHz) 40mA max (>36.0 ~ 52.0MHz)	■ ■ ■
Driving ability:	15pF CMOS 10 N-TTL	■ ■
Logic levels:	'0' level = 10%V _{DD} max '1' level = 90%V _{DD} min	■ ■
Output current:	'0' level = 16.0mA min '1' level = -4.0mA min	■ ■
Waveform symmetry:	40:60 max	■
Rise / fall time:	5ns max (20% ~ 80%V _{DD})	■
Start up time:	10ms max	■
Enable / disable function:	Tristate (control via pad 2)	■
Enable / disable time:	100ns / 100ns max	■

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

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-55F/SB 19.440MHz** ±100ppm pullability, ±50ppm stability

GVXO-55F/NC 34.3680MHz ±50ppm pullability, ±25ppm stability

Option codes must be included to specify a model completely.

Option code X (eg GVXO-55F/X) denotes a custom spec.

◆ Available on T&R - 2k pcs per reel.

◆ Refer to our website for T&R and soldering details.