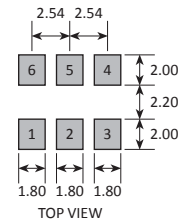


SOLDER PAD LAYOUT



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

Features

- ▶ High frequency using mesa technology
- ▶ Choice of pullability & stability
- ▶ Enable / disable tristate function
- ▶ Miniature SM package

Enable / Disable Function

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

Specifications

Parameters	Product	Option Codes
	GVXO-53F	
Frequency range:	1.0 ~ 125MHz	■
Voltage control:	+1.65V ±1.5V, 10% linearity	■
Frequency pullability (min):	±100ppm (<80MHz only) ±50ppm Other	□ ■ □
Frequency stability:	±100ppm ±50ppm ±25ppm (<52MHz only) Other	□ ■ □ □
Operating temperature range:	-10 to +70°C -40 to +85°C	■ □
Storage temperature range:	-40 to +85°C	■
Supply voltage (V _{DD}):	+3.3V (±0.3V)	■
Supply current:	15mA max (1.0 ~ 30.0MHz) 25mA max (>30.0 ~ 52.0MHz) 35mA max (>52.0 ~ 125MHz)	■ ■ ■
Driving ability:	15pF CMOS	■
Logic levels:	'0' level = 10%V _{DD} max '1' level = 90%V _{DD} min	■ ■
Output current:	'0' level = 4.0mA min '1' level = -1.0mA 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:	150ns / 150ns max	■

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

* E/D function can be supplied on pad 5 if required.

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.