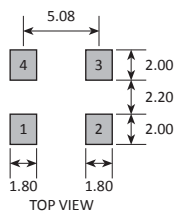


SOLDER PAD LAYOUT



PAD	CONNECTION
1	Enable/Disable
2	Ground
3	Output
4	Supply

## Features

- ▶ Tight frequency stability
- ▶ Enable / disable tristate function
- ▶ Power saving function (P & L variants)
- ▶ Industry standard SM package

## Enable / Disable Function

Input (pad 1)	Output (pad 3)
Open	Enabled
'1' level	Enabled
'0' level	High Impedance

## Specifications

**GXO-U129P:** 5.0V supply, E/D with power saving

**GXO-U129S:** 5.0V supply, E/D

**GXO-U129L:** 3.3V supply, E/D with power saving

Parameters	Variant			Option Codes	
	P	S	L		
Frequency range:	1.8 ~ 50.0MHz	■	■	■	
Frequency stability*:	±20ppm ±15ppm ±10ppm	□ □ □	□ □ □	□ □ □	D E F
Operating temperature range:	-10 to +70°C -40 to +85°C	■ □	■ □	■ □	I
Storage temperature range:	-55 to +125°C	■	■	■	
Supply voltage (V <sub>DD</sub> ):	+5.0V (±0.5V) +3.3V (±0.3V)	■ ■	■ ■	■ ■	
Supply current):	22mA max	■	■	■	
Logic levels:	'0' level = 10%V <sub>DD</sub> max '1' level = 90%V <sub>DD</sub> min	■ ■	■ ■	■ ■	
Start up time:	5ms max	■	■	■	
Waveform symmetry:	45:55 max	■	■	■	
Driving ability:	10 LSTTL 15pF HCMOS	■ ■	■ ■	■ ■	
Rise / fall time:	5ns max	■	■	■	
Enable / disable function:	Tristate (control via pad 1) 100ns / 100ns 5ms / 150ns	■ ■ ■	■ ■ ■	■ ■ ■	
Stand-by current:	50µA max	■	■	■	

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

\* Frequency stability is inclusive of calibration @ 25°C, operating temperature range, supply voltage change, load change, ageing, shock and vibration.

±10ppm stability is not available over -40+85°C

## Ordering Information

Product name + variant + option codes + frequency

eg: **GXO-U129S/E 40.0MHz** 5V, ±15ppm, -10+70°C

**GXO-U129L/DI 40.0MHz** 5V, ±20ppm, -40+85°C

◆ Available on T&R - 2k pcs per reel. See our website for details