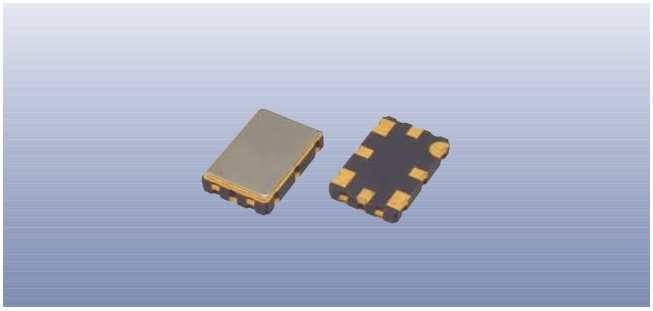
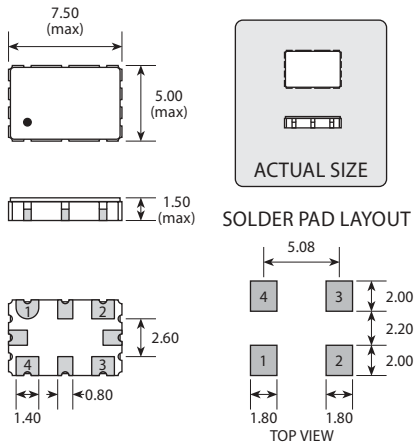
3.3V & 5V CMOS Oscillator - Tight Stability

GXO-U129





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

Scale 2:1

Features

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

Standard Frequencies

Frequencies in MHz			
1.84320	12.00000	25.00000	36.86400
2.00000	14.31818	27.00000	40.00000
3.68640	16.00000	29.48920	44.23680
4.00000	18.43200	29.49120	44.73600
5.00000	20.00000	30.00000	48.00000
8.00000	24.00000	32.00000	49.15200
10.00000	24.57600	33.86880	50.00000

* P and L variants only. Other frequencies available. Please consult our sales office.

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 P	Variant S	Variant L	Option Codes
Frequency range:	1.8 ~ 50.0MHz	■	■	■	
Frequency stability*:	±20ppm	□	□	□	D
	±15ppm	□	□	□	E
	±10ppm	□	□	□	F
Operating temperature range:					
	-10 to +70°C	■	■	■	
	-40 to +85°C	□	□	□	I
Storage temperature range:					
	-55 to +125°C	■	■	■	
Supply voltage (V_{DD}):					
	+5.0V (±0.5V)	■	■		
	+3.3V (±0.3V)			■	
Supply current):	22mA max	■	■	■	
Logic levels:	'0' level = 10%V_{DD} max	■	■	■	
	'1' level = 90%V_{DD} 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

Tel: **+44 1460 256 100** Fax: **+44 1460 256 101** E-mail: **sales@golledge.com** Web: **www.golledge.com**

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25 Nov 02