



## Features

- ▶ All ceramic package with gold-plated pads
- ▶ Industry standard SM footprint
- ▶ High drive capability - up to 50pF
- ▶ Enable / disable tristate function
- ▶ 3.3V option with power saving function

## Standard Frequencies

Frequencies in MHz		
1.84320	20.00000	40.00000
2.00000	24.00000	44.23680
3.68640	24.57600	48.00000
4.00000	25.00000	50.00000
5.00000	29.49120	60.00000
8.00000	30.00000	64.00000
10.00000	32.00000	66.66600
12.00000	32.76800	70.00000
14.31818	33.86880	80.00000
16.00000	36.86400	

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-U128S: 5.0V supply, 15pF / 10 LSTTL load**
- GXO-U128H: 5.0V supply, 50pF / 10 TTL load**
- GXO-U128L: 3.3V supply, 15pF / 10 LSTTL load**

Parameters	Variant			Option Codes
	S	H	L	
<b>Frequency range:</b> 1.8432 ~ 50.0MHz 1.8432 ~ 80.0MHz	■	■	■	
<b>Frequency stability:</b> ±100ppm ±50ppm ±25ppm	■ □ □	■ □ □	■ □ □	B A
<b>Operating temperature range:</b> -10 to +70°C -40 to +85°C	■ □	■ □	■ □	I
<b>Storage temperature range:</b> -55 to +125°C	■	■	■	
<b>Supply voltage (V<sub>DD</sub>):</b> +5.0V (±10%) +3.3V (±10%)	■	■	■	
<b>Supply current (max):</b> 13mA (1.8432 ~ 25.0MHz) 24mA (>25.0 ~ 50.0MHz) 10mA (1.8432 ~ 32.0MHz) 15mA (>32.0 ~ 50.0MHz) 18mA (>50.0 ~ 67.0MHz) 25mA (>67.0 ~ 80.0MHz) 25mA (1.8432 ~ 25.0MHz) 40mA (>25.0 ~ 50.0MHz) 60mA (>50.0 ~ 67.0MHz) 73mA (>67.0 ~ 80.0MHz)	■ ■ ■ ■ ■ ■ ■ ■ ■ ■		■ ■ ■ ■ ■ ■ ■ ■ ■ ■	
<b>Logic levels:</b> '0' level = 10%V <sub>DD</sub> max '1' level = 90%V <sub>DD</sub> min	■ ■	■ ■	■ ■	
<b>Start up time:</b> 10ms max	■	■	■	
<b>Waveform symmetry:</b> 45:55 max 40:60 max (>50.0 ~ 80.0MHz)	■	■	■	
<b>Driving ability:</b> 10 LSTTL 15pF HCMOS 10 TTL 50pF HCMOS	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	
<b>Rise / fall time:</b> 10ns max 6ns max	■	■	■	
<b>Enable / disable function:</b> Tristate (control via pad 1)	■	■	■	

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

## Ordering Information

Product name + variant + option codes (if any) + frequency  
 eg: **GXO-U128H/B 40.0MHz** 5V, heavy load, ±50ppm -10+70°C  
 H or L variants are preferred.  
 Available on T&R - 2k pcs per reel.