



Features

- High drive capability - up to 50pF
- Ceramic package with metal lid
- Enable / disable tristate function
- Pad compatible with GXO-615 (rotate by 90°)

Standard Frequencies

Frequencies in MHz		
1.84320	9.83040	32.00000
2.00000	10.00000	40.00000
2.45760	12.00000	48.00000
3.68640	14.31818	50.00000
4.00000	16.00000	64.00000
4.91520	18.43200	66.66600
6.14400	20.00000	80.00000
7.37280	24.00000	
8.00000	25.00000	

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-U110S: 5.0V supply, 15pF / 10 LSTTL load

GXO-U110H: 5.0V supply, 50pF / 10 TTL load

Parameters	Variant		Option Codes
	S	H	
Frequency range: 1.8432 ~ 50.0MHz 1.8432 ~ 80.0MHz	■	■	
Frequency stability: ±100ppm ±50ppm ±25ppm	■ □ □	■ □ □	B A
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 (±10%)	■	■	
Supply current (max): 20mA (1.8432 ~ 25.0MHz) 35mA (>25.0 ~ 50.0MHz) 25mA (1.8432 ~ 25.0MHz) 45mA (>25.0 ~ 50.0MHz) 80mA (>50.0 ~ 80.0MHz)	■ ■ ■ ■ ■	■ ■ ■ ■ ■	
Logic levels: '0' level = 10%V _{DD} max '1' level = 90%V _{DD} min	■ ■	■ ■	
Start up time: 5ms max (1.8432 ~ 32.0MHz) 10ms max (>32.0 ~ 80.0MHz)	■ ■	■ ■	
Waveform symmetry: 45:55 max 40:60 max (>50.0 ~ 67.0MHz)	■	■ ■	
Driving ability: 10 LSTTL 15pF HCMOS 10 TTL 50pF HCMOS	■ ■ ■ ■	■ ■ ■ ■	
Rise / fall time: 10ns max 6ns max	■ ■	■ ■	
Enable / disable function: 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-U110H 40.0MHz** Heavy load, ±100ppm -10+70°C

GXO-U110S/BI 40.0MHz Standard load, ±50ppm -40+85°C

Option code X (eg GXO-U110H/X) denotes a custom spec.
H variant is preferred.

Available on T&R - 2k pcs per reel.