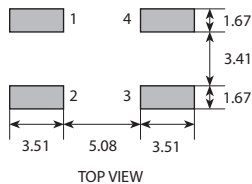


PAD	CONNECTION
1	Enable/Disable
2	Ground
3	Output
4	Supply



Features

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

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: 1.8 ~ 50.0MHz 1.8 ~ 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 (1.8 ~ 25.0MHz) 35mA (>25.0 ~ 50.0MHz) 25mA (1.8 ~ 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.