



Specifications

Parameters	Product GXO-615	Option Codes
Frequency range: 1.50 ~ 70.0MHz	■	
Frequency stability: ±100ppm ±50ppm	■ □	B
Operating temperature range: 0 to +70°C -40 to +85°C	■ □	I
Storage temperature range: -55 to +125°C	■	
Supply voltage (V_{DD}): +5.0V (±0.5V)	■	
Supply current (max): 10mA (1.50 ~ 10.0MHz) 15mA (>10.0 ~ 26.0MHz) 35mA (>26.0 ~ 50.0MHz) 50mA (>50.0 ~ 70.0MHz)	■ ■ ■ ■	
Logic levels: '0' level = +0.4V max '1' level = V _{DD} -0.4V min	■ ■	
Start up time: 10ms max	■	
Waveform symmetry: 45:55 max @ 50%V _{DD}	■	
Driving ability: 50pF HCMOS (1.50 ~ 26.0MHz) 30pF HCMOS (>26.0 ~ 50.0MHz) 15pF HCMOS (>50.0 ~ 70.0MHz)	■ ■ ■	
Rise / fall time: 12ns (1.50 ~ 26.0MHz) 10ns (>26.0 ~ 50.0MHz) 6ns (>50.0 ~ 70.0MHz)	■ ■ ■	
Enable / disable function: Tristate (control via pad 1)	■	

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

Features

- ▶ **Frequencies up to 70.0MHz**
- ▶ **Plastic moulded package**
- ▶ **Enable / disable tristate function**
- ▶ **Wide temperature range available**

Standard Frequencies

Frequencies in MHz		
1.84320	10.00000	25.00000
2.45760	12.00000	32.00000
3.68640	14.31818	40.00000
4.00000	16.00000	48.00000
4.91520	16.38400	50.00000
5.00000	19.66080	60.00000
6.00000	20.00000	64.00000
8.00000	24.00000	66.66600

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

Ordering Information

Product name + option codes (if any) + frequency
 eg: **GXO-615 24.0MHz**
GXO-615/I 50.0MHz ±100ppm -40+85°C
 Option code X (eg GXO-615/X) denotes a custom spec.

- ◆ Available on T&R - 1k pcs per reel.
- ◆ Refer to our website for T&R and soldering details.