



Specifications

Parameters	Product	Option Codes
	GXO-7531	
Frequency range: 0.50 ~ 125MHz	■	
Frequency stability: ±100ppm	■	B
±50ppm	□	A
±25ppm	□	D
±20ppm	□	
Operating temperature range: -10 to +70°C	■	
-40 to +85°C	□	I
Storage temperature range: -55 to +125°C	■	
Supply voltage (V_{DD}): +3.3V (±5%)	■	
Supply current (max): 10mA (0.5 ~ 14.9MHz) 15mA (15.0 ~ 29.9MHz) 20mA (30.0 ~ 39.9MHz) 25mA (40.0 ~ 49.9MHz) 30mA (50.0 ~ 59.9MHz) 35mA (60.0 ~ 79.9MHz) 45mA (80.0 ~ 99.9MHz) 50mA (100 ~ 125MHz)	■ ■ ■ ■ ■ ■ ■ ■	
Logic levels: '0' level = 10%V _{DD} max '1' level = 90%V _{DD} min	■ ■	
Start up time: 10ms max	■	
Waveform symmetry: 45:55 max 40:60 max (>50.0 ~ 125MHz)	■ ■	
Driving ability: 15pF HCMOS (*see note)	■	
Rise / fall time: 10ns max 6ns max (>40.0MHz)	■ ■	
Enable / disable function: None (pad 1 not connected) Standard tristate, no power saving (E/D times 100ns / 100ns) Power-saving, standby current 10µA (E/D times 10ms / 100ns)	□ ■ □	N P

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

* Note: will drive up to 50pF, but figures for rise/fall and supply current may vary from those shown. For details, contact our sales office.

Features

- ▶ Ceramic package with metal lid
- ▶ Standard frequencies held in stock
- ▶ Enable / disable tristate function
- ▶ Power saving option
- ▶ Competitive pricing

Standard Frequencies

Frequencies in MHz		
1.84320	16.00000	40.00000
2.00000	16.38400	44.23680
3.68640	18.43200	48.00000
4.00000	20.00000	50.00000
5.00000	24.00000	54.00000
6.14400	24.57600	56.44800
7.37280	25.00000	60.00000
8.00000	27.00000	64.00000
9.60000	29.49120	66.66600
10.00000	30.00000	70.00000
11.05920	32.00000	80.00000
12.00000	32.76800	100.00000
12.28800	33.86880	106.25000
14.31818	36.86400	125.00000

Other frequencies available. Please consult our sales office.

Ordering Information

Product name + option codes (if any) + frequency

eg: **GXO-7531 48.0MHz** 3.3V, ±100ppm, -10+70°C

GXO-7531/BIP 64.0MHz 3.3V, ±50ppm, -40+85°C, power-saving

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

Enable / Disable Function

Input (pad 1)	Output (pad 3)
Open	Enabled
'1' level	Enabled
'0' level	High Impedance