



PAD	CONNECTION
1	Enable/Disable
2	Not connected
3	Ground
4	Output 1
5	Output 2
6	Supply

Scale 2:1

Specifications

Parameters	Product	Option Codes
	GXO-E71	
Frequency range: 75.0 ~ 170MHz	■	
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}): +3.3V (±5%)	■	
Supply current: 60mA max	■	
Output: Complementary LV-PECL	■	
Test load: R _{TT} (Ω) V _{TT} (V)	50 +1.3	
Logic levels: '0' level = 1.7V max '1' level = 2.2V min	■ ■	
Start up time: 10ms max	■	
Waveform symmetry: 40:60 max @ 50%V _{p-p}	■	
Rise / fall time: 1.0ns max (20 ~ 80%V _{p-p})	■	
Enable / disable function: Tristate (control via pad 1)	■	
Output enable / disable time: 10 ms / 100ns max	■	
Stand-by current: 10µA max	■	

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

* Frequency stability is inclusive of calibration @ 25°C, operating temperature range, supply voltage change, load change, ageing, shock and vibration.

Features

- ▶ Complementary LV-PECL outputs
- ▶ Enable / disable tristate function
- ▶ Power saving function
- ▶ Fast rise / fall times

Standard Frequencies

Frequencies in MHz	
100.0000	155.5200
106.2500	156.2500
125.0000	

Ordering Information

Product name + option codes (if any) + frequency

eg: **GXO-E71 106.250MHz** ±100ppm -10+70°C

GXO-E71/BI 77.760MHz ±50ppm -40+85°C

Option code X (eg GXO-E71/X) denotes a custom spec.

Enable / Disable Function

Input (pad 1)	Output 1 (pad 4)	Output 2 (pad 5)
Open '1' level (≥0.7V) '0' level (≤0.3V)	Enabled Enabled High Impedance	Enabled Enabled High Impedance