

GVXO-32L

3.3V & 5V VCXO - High Frequency

- CMOS compatible output
- Low jitter and fast rise / fall times
- Popular telecomms package layout
- Enable / disable tristate function



CONFIGURABLE OPTIONS

Parameter	Option Code
Frequency	
Frequency pullability	
±80ppm min	
Frequency stability*	
±50ppm max	
Enable / disable function	
Any	
Tristate (control via pad 2)	
None (pad 2 NC)	N

* Frequency stability is inclusive of calibration @ 25°C, operating temperature range, supply voltage change, load change and ageing, with $V_{CTL} = 50\% V_{DD}$

SPECIFICATIONS

Frequency range	52.0 ~ 160MHz
Dimensions	14.0 x 9.8 x 6.0mm
Voltage control (V_{CTL})	+1.65V \pm 1.5V, 10% linearity
Operating temperature range	-10 to +70°C
Storage temperature range	-40 to +85°C
Supply voltage (V_{DD})	+3.3V (\pm 5%)
Supply current (mA max)	60
Driving ability	15pF CMOS
Logic levels	'0' level = 10% V_{DD} max '1' level = 90% V_{DD} min
Waveform symmetry	40:60 max @ 50% V_{DD}
Start up time	10ms max
Rise / fall time	3ns max (20% ~ 80% V_{DD})
Soldering condition	Reflow, 240°C max

ORDERING INFORMATION

To request a quotation for the GVXO-32L please use the configurable options form to choose the options you require and then submit your configured product to our team. Our expert advisers are always happy to help with your requirements and can be contacted on +44 (0)1460 256 100 or at sales@golledge.com.

Once we've received your request our expert team will then produce a quotation tailored to meet your needs using the option codes you've selected.

Following product selection you will be issued with a seven character Golledge part number. Your Golledge part number is the internationally accepted Golledge manufacturing part number (MPN) that should be used for all project documentation, including bills of materials (BoMs) and purchase orders.

If you have any queries regarding any of our documentation our dedicated sales team will be happy to help.

ENABLE/ DISABLE FUNCTION

Input (pad 2)	Output (pad 3)
Open	Active
'1' level V_{IH}	Active
'0' level V_{IL}	High Impedance

HANDLING & STORAGE



Human Body Model (HBM) 1A (250V to < 500V)

Moisture Sensitivity Level (MSL): 3

CONSTRUCTION

Metal can with glass epoxy base

MATERIAL COMPOSITION



Product is RoHS 2 compliant



REACH Compliance Statement



text and link to Conflict Minerals pdf statement



Text and link to Halogen Free pdf statement



Text and link to Ozone depletion statement pdf



Text and link to Ozone depletion statement pdf

OTHER INFORMATION

About Golledge

The UK's leading suppliers of Frequency Control Products, we have been growing since 1990. This growth has been achieved through maintaining our focus firmly on our customers' requirements and by striving always to meet and exceed them. Our philosophy has always been based on quality and consistency of products and service.

Come and visit

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