GXO-3232L

3.3V Tight Stability Oscillator with 2520 Package

- High stability for WiMAX, LAN etc
- Low current consumption
- Miniature ceramic package with metal lid
- Enable / disable tristate function
- Competitive pricing



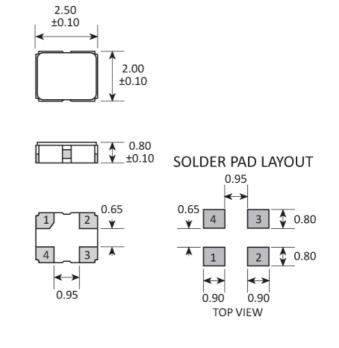
CONFIGURABLE OPTIONS	
Parameter	Option Code
Frequency	
Frequency stability	
* see note below	
Any	
±15ppm max	E
±10ppm max	F

^{*} Frequency stability is inclusive of calibration @ 25°C, operating temperature range, supply voltage change, load change, reflow and ageing

SPECIFICATIONS

Frequency range	4.0 ~ 54.0MHz					
Dimensions	2.5 x 2.0 x 0.95mm					
Operating temperature	-40 to +85°C					
range						
Storage temperature	-40 to +85°C					
range						
Supply voltage (V _{DD})	+3.3V (±10%)					
Supply current	7mA max					
Logic levels	'0' level = 10%V _{DD} max					
	'1' level = 90%V _{DD} min					
Start up time	0.2ms typ					
Start up time Waveform symmetry	0.2ms typ 45:55 max @ 50%V _{DD}					
	,. _					
Waveform symmetry	45:55 max @ 50%V _{DD}					
Waveform symmetry Driving ability	45:55 max @ 50%V _{DD} 15pF CMOS					
Waveform symmetry Driving ability Rise / fall time	45:55 max @ 50%V _{DD} 15pF CMOS 5ns max					
Waveform symmetry Driving ability Rise / fall time	45:55 max @ 50%V _{DD} 15pF CMOS 5ns max Tristate (control via pad 1)					
Waveform symmetry Driving ability Rise / fall time Enable / disable function	45:55 max @ 50%V _{DD} 15pF CMOS 5ns max Tristate (control via pad 1) (E/D times 100μs / 100μs typ)					
Waveform symmetry Driving ability Rise / fall time Enable / disable function Stand-by current	45:55 max @ 50%V _{DD} 15pF CMOS 5ns max Tristate (control via pad 1) (E/D times 100μs / 100μs typ) 10μA max					
Waveform symmetry Driving ability Rise / fall time Enable / disable function Stand-by current Period jitter RMS	45:55 max @ 50%V _{DD} 15pF CMOS 5ns max Tristate (control via pad 1) (E/D times 100μs / 100μs typ) 10μA max 3ps typ					

PACKAGE DRAWING



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

Dimensions in mm

ORDERING INFORMATION

To request a quotation for the GXO-3232L 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 1460 256 100 or at sales@golledge.com.

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

MARKING

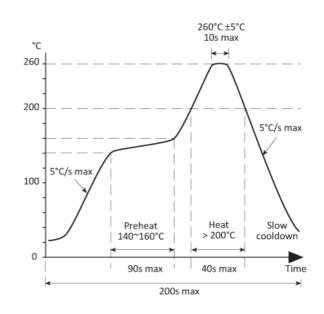
DC FREQUENCY

Marking type: Laser

DC = Date Code in YM, eg. "GF" = Jun 2017

	Α	В	С	D	Ε	F	G	Н	J	K	L	М
Υ	1	2	3	4	5	6	7	8	9	0		
M	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

SOLDERING PROFILE



TAPE & REEL SPECIFICATION

2.0 2.0 1.0Ø 1.5Ø 1.75 3.5 1.0Ø 1.5Ø 1.5Ø 1.75 8.0 ±0.2 FEED 8.0 ±0.2 178Ø ±0.3 Dimensions in mm

HANDLING & STORAGE



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



Moisture Sensitivity Level (MSL): 1 (or not applicable)

CONSTRUCTION

Ceramic body with gold-plated pads Metal lid, seam sealed

COMPLIANCE



Lead-free (< 0.1% by weight)



RoHS compliant with no exemptions. <u>See our</u>

declaration



REACH compliant. See our statement



Free of conflict minerals. See our declaration



Free of Halogens. See our declaration



Free of Ozone-depleting substances. <u>See our</u>

declaration