

Output Details

- Output Compatability CMOS
- Drive Capability 15pF
- Output Level High Voh: 90%Vs min
Output Level Low Vol: 10%Vs max
- Rise Time (10%-90%): 85ns typ, 160ns max
Fall Time (90%-10%): 45ns typ, 100ns max

Output Control

- Start Up Time: 15ms typ

Environmental Parameters

- Shock: 5000G, 0.3ms, 1/2 sine
(Note: Higher Shock versions are available - please contact an IQD Sales Office)
- Vibration: MIL-STD-202G, Method 204D, Condition D: 20G, 10Hz-2000Hz swept sine
(Note: Random Vibration test is also available - please contact an IQD Sales Office)
- Storage Temperature Range: -55 to 125°C

Manufacturing Details

- Solder Process Temperature: 260°C max for 20sec max

Ordering Information

- Frequency*
Model*
Termination Variant*
Output
Frequency Tolerance (@ 25°C)*
Frequency Stability*
Operating Temperature Range*
Pad 1 Function*
(minimum required*)
- Termination Variants:
SM1 = Gold Plated
SM5 = Solder Dipped
(Note: Non-RoHS compliant terminations also available - please contact an IQD Sales Office)
- Pad 1 Function Options:
EN = Enable/Disable
NC = No connection
- Example
32.768kHz CXOXULP 2.5V SM1
CMOS ±25ppm ±100ppm -40 to 85C NC

Compliance

- RoHS Status (2011/65/EU) Optional
- REACh Status Compliant
- MSL Rating (JDEC-STD-033): Not Applicable

Packaging Details

- Pack Style: Reel Tape & reel in accordance with EIA-481-D
Pack Size: 1,000
- Pack Style: Tray Supplied on a tray
Pack Size: 1

Sales Office Contact Details:

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Electrical Specification - maximum limiting values 2.50V \pm 10%

Frequency	Temperature Range	Stability (Min)	Current Draw	Rise and Fall Time	Duty Cycle
	°C	ppm	mA	ns	%
32.768000kHz	-55 to 125	\pm 50.00	-	-	45/55%
	-40 to 85	\pm 20.00	-	-	45/55%
	-10 to 70	\pm 10.00	-	-	45/55%

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