

3.3V, HCMOS, Thru-Hole VCXO



Model: VCXO-DLF

RoHS Compliant / Pb Free

Rev. 9/19/2006

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http://www.foxonline.com/need_a_sample.htm



FEATURES

- 3.3V Operation
- HCMOS Output
- Low Power Consumption
- Rugged Resistance Weld

OPTIONS

- Many Stability/Pullability Options
- -40°C ~ +85°C Option ('RLF' Version)
- 1/2 Size Version Available

Learn more about:
Part Marking Identification

Internet required

• PART NUMBER SELECTION Learn More - Internet Required					
Part Number	Model Number	Frequency Stability ¹	Frequency Pullability	Operating Temperature	Frequency Range (MHz)
459-Frequency-xxxxx	VCXO-D3LF	±50PPM	±100PPM	-10 ~ +70 (°C)	1.000 ~ 40.500
463-Frequency-xxxxx	VCXO-D3RLF	±50PPM	±100PPM	-40 ~ +85 (°C)	1.000 ~ 40.500
460-Frequency-xxxxx	VCXO-D4LF	±25PPM	±100PPM	-10 ~ +70 (°C)	1.000 ~ 40.500
671-Frequency-xxxxx	VCXO-D4RLF	±25PPM	±100PPM	-40 ~ +85 (°C)	1.000 ~ 40.500
461-Frequency-xxxxx	VCXO-D7LF	±25PPM	±50PPM	-10 ~ +70 (°C)	1.000 ~ 40.500
462-Frequency-xxxxx	VCXO-D8LF	±100PPM	±100PPM	-10 ~ +70 (°C)	1.000 ~ 40.500
464-Frequency-xxxxx	VCXO-D8RLF	±100PPM	±100PPM	-40 ~ +85 (°C)	1.000 ~ 40.500

• ELECTRICAL CHARACTERISTICS	
PARAMETERS	MAX (unless otherwise noted)
Frequency Range (Fo)	1.000 ~ 40.500 ² MHz
Storage Temperature Range (T _{STG})	-55°C ~ +125°C
Supply Voltage (V _{DD})	3.3V ± 5%
Control Voltage (V _c)	1.65V ± 1.65V
Input Current (I _{DD})	
1.000 ~ 24.000 MHz	10mA
24.000+ ~ 35.000 MHz	15mA
35.000+ ~ 40.500 MHz	25mA
Output Symmetry (50% V _{DD})	40% ~ 60%
Rise Time (10% ~ 90% V _{DD}) (T _R)	10nS
Fall Time (90% ~ 10% V _{DD}) (T _F)	10nS
Output Voltage (V _{OL})	10% V _{DD}
(V _{OH})	90% V _{DD} Min
Output Current (I _{OL})	4.0mA Min
(I _{OH})	-1.0mA Min
Output Load (HCMOS)	15pF
Start-up Time (T _s)	10mS
Frequency Linearity	±10%

¹ Inclusive of 25°C tolerance, operating temperature range, input voltage change, load change, aging, shock, vibration, and V_c = 1.65V.

² Higher frequencies available on an individual inquiry basis.
All specifications subject to change without notice.

