



查询V480MEM1-LF供应商

Z-Communications, Inc.  
9939 Via Pasar • San Diego, CA 92126  
TEL (858) 621-2700 FAX (858) 621-2722

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**V480MEM1-LF**  
**VOLTAGE CONTROLLED OSCILLATOR**  
Rev A1

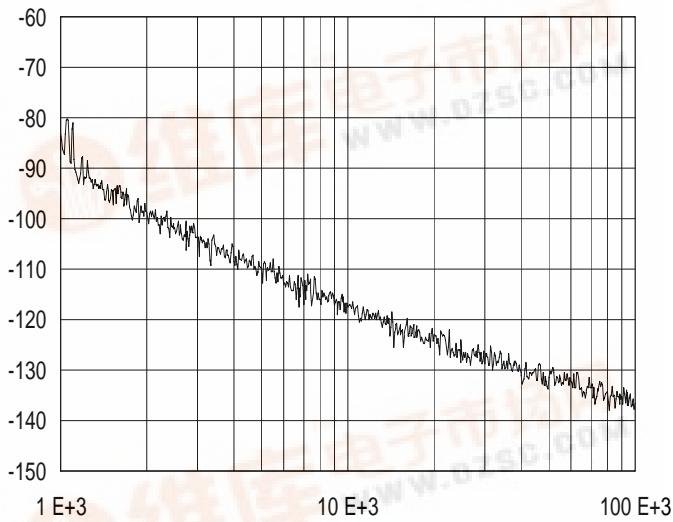
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**FEATURES**

- Frequency Range: 445 - 480 MHz
- Tuning Voltage: 0.5-2.5 Vdc
- MINI-16M- - Style Package

**APPLICATIONS**

- Digital Radio Equipment
- Fixed Wireless Access
- Satellite Communication Systems

 **$\xi(f)$  (dBc/Hz)****PHASE NOISE (1 Hz BW, typical)****PERFORMANCE SPECIFICATIONS****VALUE****UNITS**

Oscillation Frequency Range	445 - 480	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-117	dBc/Hz
Harmonic Suppression (2nd, typ.)	-12	dBc
Tuning Voltage	0.5-2.5	Vdc
Tuning Sensitivity (avg.)	25	MHz/V
Power Output	0±3	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	50	pF
Pushing	<2	MHz/V
Pulling (14 dB Return Loss, Any Phase)	<0.5	MHz
Operating Temperature Range	-40 to 85	°C
Package Style	MINI-16M-LOW	

**POWER SUPPLY REQUIREMENTS**

Supply Voltage (Vcc, nom.)	3.3	Vdc
Supply Current (Icc, typ.)	12	mA

All specifications are typical unless otherwise noted and subject to change without notice.

**APPLICATION NOTES**

- AN-100/1 : Mounting and Grounding of VCOs
- AN-102 : Proper Output Loading of VCOs
- AN-107 : How to Solder Z-COMM VCOs

**NOTES:**

