



查询V614ME02-LF供应商

Z-Communications, Inc.

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V614ME02-LF

VOLTAGE CONTROLLED OSCILLATOR

Rev A1



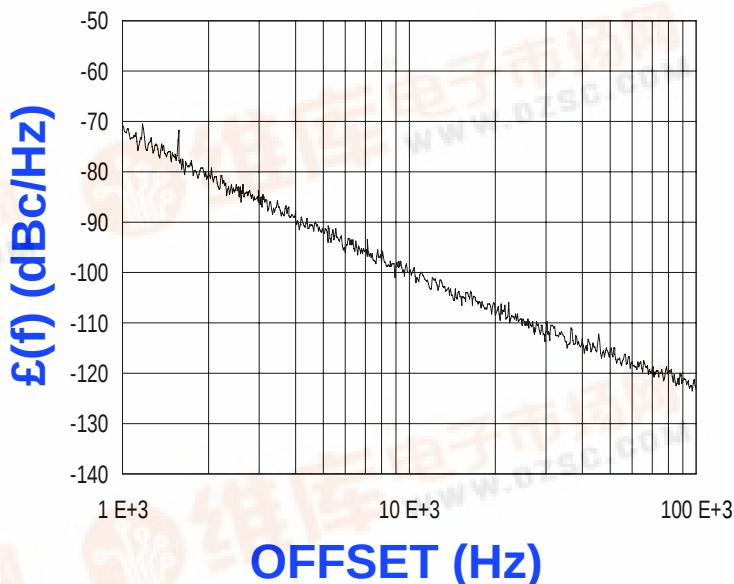
FEATURES

- Frequency Range: 1860 - 2160 MHz
- Tuning Voltage: 2-8 Vdc
- MINI-14S - Style Package

APPLICATIONS

- Portable radios
- PCS
-

PHASE NOISE (1 Hz BW, typical)



PERFORMANCE SPECIFICATIONS

	VALUE	UNITS
Oscillation Frequency Range	1860 - 2160	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-100	dBc/Hz
Harmonic Suppression (2nd, typ.)	-11	dBc
Tuning Voltage	2-8	Vdc
Tuning Sensitivity (avg.)	60	MHz/V
Power Output	7.75±3.25	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	50	pF
Pushing	<1	MHz/V
Pulling (14dB Return Loss, Any Phase)	<4	MHz
Operating Temperature Range	-40 to 85	°C
Package Style	MINI-14S	

POWER SUPPLY REQUIREMENTS

Supply Voltage (Vcc, nom.)	9	Vdc
Supply Current (Icc, typ.)	22	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:



