



查询V613ME20-LF供应商
Z-Communications, Inc.

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捷多邦, 专业PCB打样工厂, 24小时加急出货

V613ME20-LF

VOLTAGE CONTROLLED OSCILLATOR

Rev B2



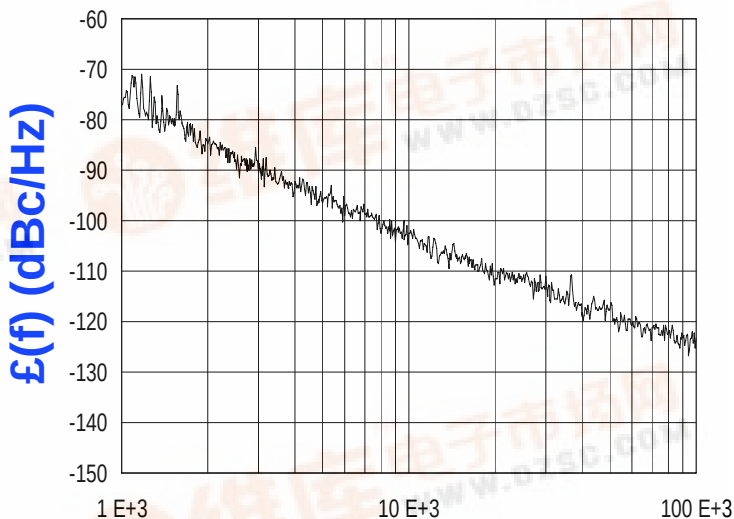
FEATURES

- Frequency Range: 1785 - 1900 MHz
- Tuning Voltage: 0.5-4.5 Vdc
- MINI-14S - Style Package

APPLICATIONS

- Spread Spectrum Radios
- Earthstations
- Downconvertors

PHASE NOISE (1 Hz BW, typical)



$L(f)$ (dBc/Hz)

OFFSET (Hz)

PERFORMANCE SPECIFICATIONS

	VALUE	UNITS
Oscillation Frequency Range	1785 - 1900	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-103	dBc/Hz
Harmonic Suppression (2nd, typ.)	-30	dBc
Tuning Voltage	0.5-4.5	Vdc
Tuning Sensitivity (avg.)	49	MHz/V
Power Output	2.5±2.5	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	50	pF
Pushing	<2	MHz/V
Pulling (14dB Return Loss, Any Phase)	<7	MHz
Operating Temperature Range	-30 to 85	$^{\circ}\text{C}$
Package Style	MINI-14S	

POWER SUPPLY REQUIREMENTS

Supply Voltage (Vcc, nom.)	4.75	Vdc
Supply Current (Icc, typ.)	17	mA

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

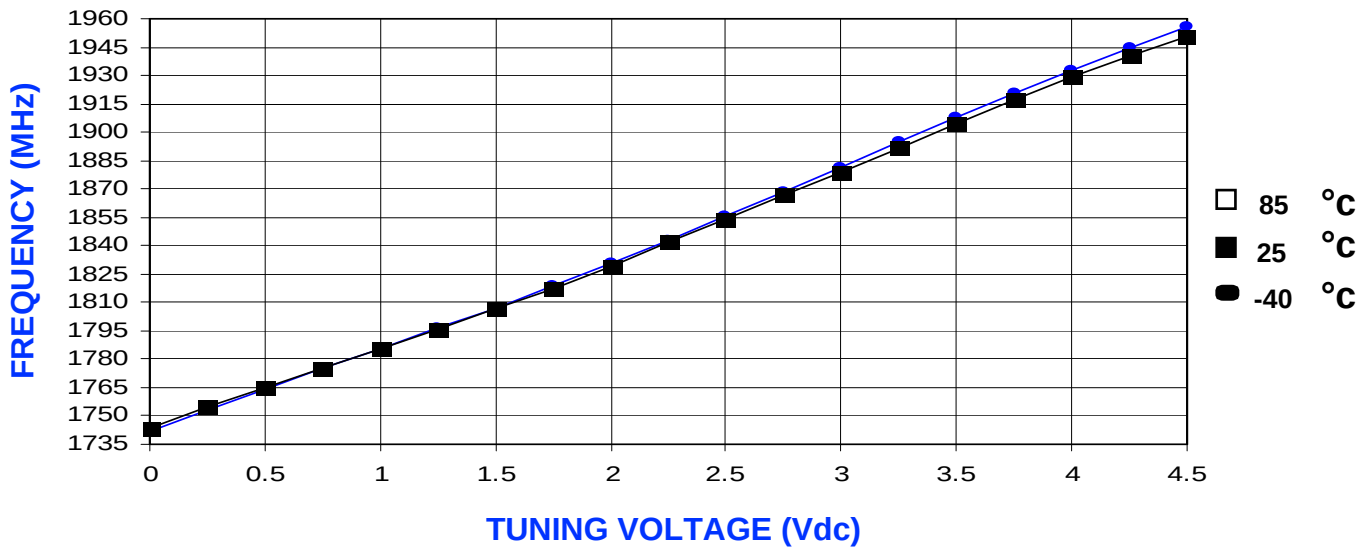
APPLICATION NOTES

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

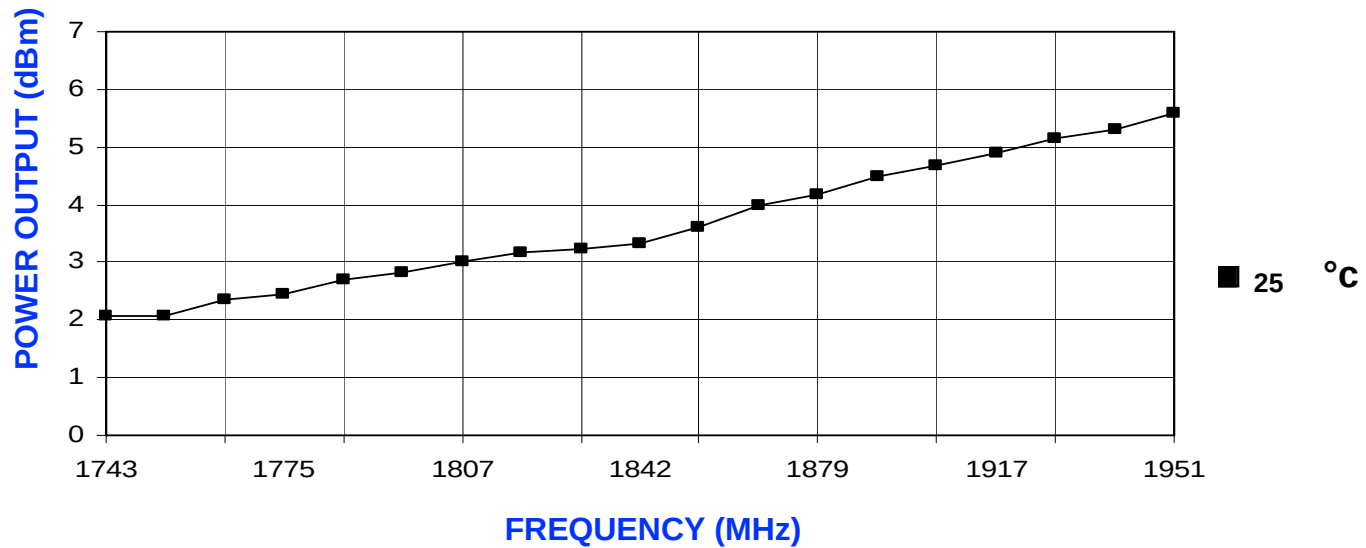
NOTES:



TUNING CURVE, typ.



POWER CURVE, typ.



PHYSICAL DIMENSIONS

