



查询V230ME02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

V230ME02

VOLTAGE CONTROLLED OSCILLATOR

Rev B2



PHASE NOISE (1 Hz BW, typical)



FEATURES

- Frequency Range: 239 - 244 MHz
- Tuning Voltage: 0.5-4.5 Vdc
- MINI-16 - Style Package

APPLICATIONS

- Satellite Modems
- Mobile Radios
- Earthstations

PERFORMANCE SPECIFICATIONS

	VALUE	UNITS
Oscillation Frequency Range	239 - 244	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-127	dBc/Hz
Harmonic Suppression (2nd, typ.)	-9	dBc
Tuning Voltage	0.5-4.5	Vdc
Tuning Sensitivity (avg.)	3	MHz/V
Power Output	-1±4	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	400	pF
Pushing	<0.5	MHz/V
Pulling (14 dB Return Loss, Any Phase)	<0.5	MHz
Operating Temperature Range	-40 to 85	$^{\circ}\text{C}$
Package Style	MINI-16	

POWER SUPPLY REQUIREMENTS

Supply Voltage (Vcc, nom.)	5	Vdc
Supply Current (Icc, typ.)	19	mA

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

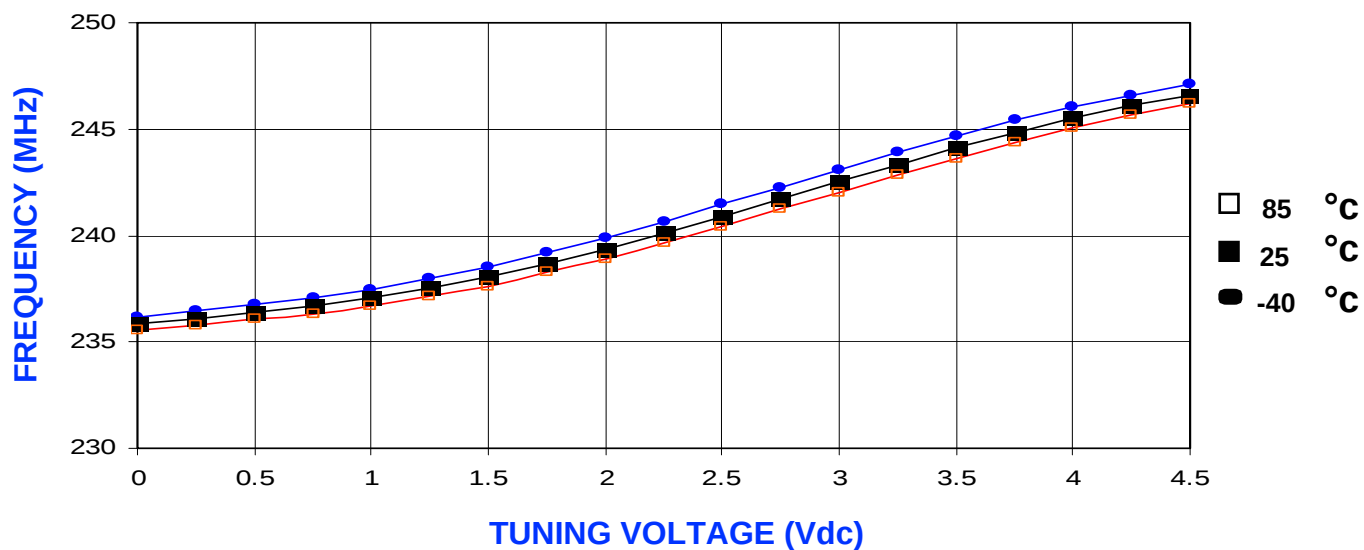
APPLICATION NOTES

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

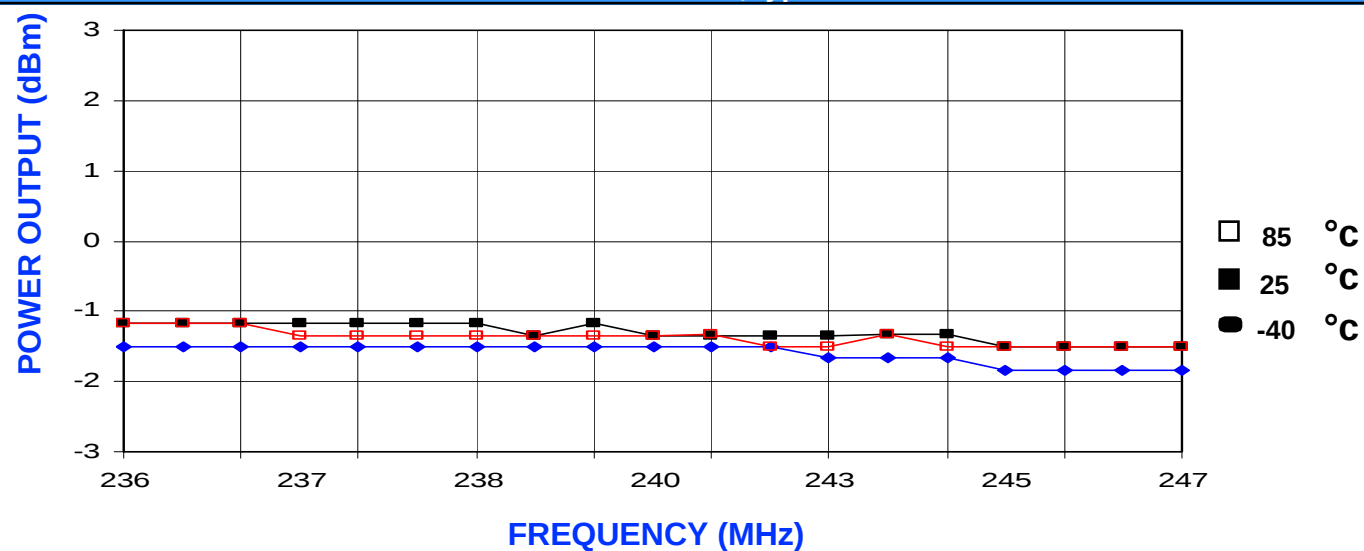
NOTES:



TUNING CURVE, typ.



POWER CURVE, typ.



PHYSICAL DIMENSIONS

