



查询V900ME04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

V900ME04

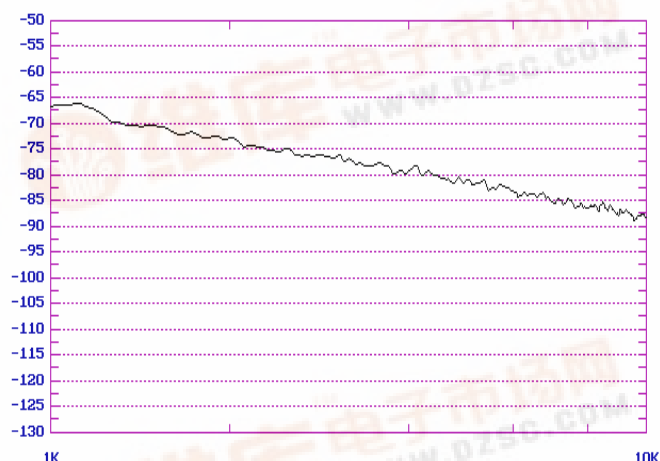
VOLTAGE CONTROLLED OSCILLATOR

Rev A1



PHASE NOISE (1 Hz BW, typical)

$L(f)$ (dBc/Hz)



OFFSET (Hz)

FEATURES
- Frequency Range: 3740 - 3800 MHz - Tuning Voltage: 1 - 11 Vdc - MINI-14S - Style Package
APPLICATIONS
- Microwave Radios - Satellite Communications - Direct Broadcast

PERFORMANCE SPECIFICATIONS	VALUE	UNITS
Oscillation Frequency Range	3740 - 3800	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-88	dBc/Hz
Harmonic Suppression (2nd, typ.)	-17	dBc
Tuning Voltage	1 - 11	Vdc
Tuning Sensitivity (avg.)	49	MHz/V
Power Output	9±3	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	50	pF
Pushing	<1	MHz/V
Pulling (14 dB Return Loss, Any Phase)	<25	MHz
Operating Temperature Range	-40 to 85	$^{\circ}\text{C}$
Package Style	MINI-14S	
POWER SUPPLY REQUIREMENTS		
Supply Voltage (Vcc, nom.)	10	Vdc
Supply Current (Icc, typ.)	23	mA

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

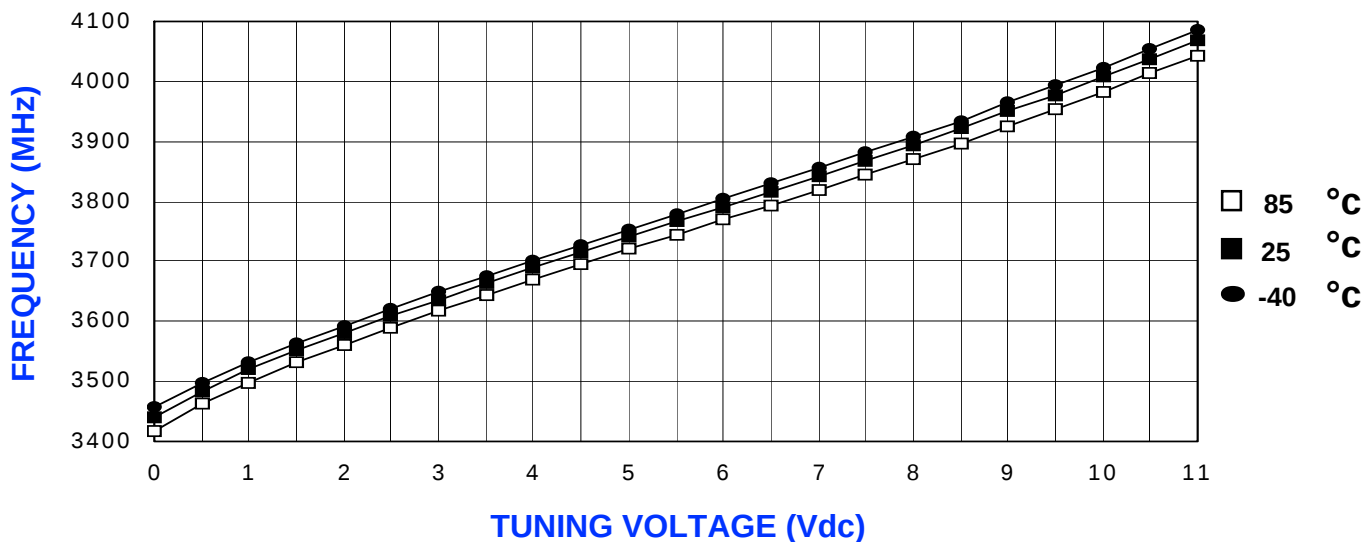
APPLICATION NOTES

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

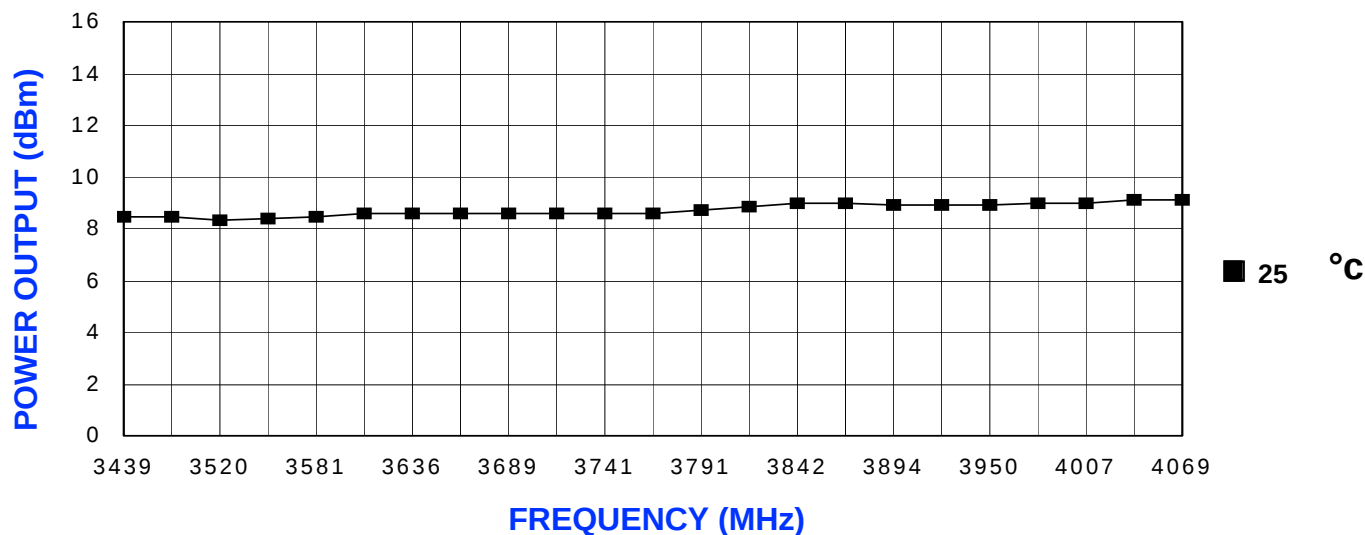
NOTES:

Phase Noise @ 100 kHz offset (1 Hz BW, typ.): -114 dBc/Hz

TUNING CURVE, typ.



POWER CURVE, typ.



PHYSICAL DIMENSIONS

