



查询CLV1000E-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

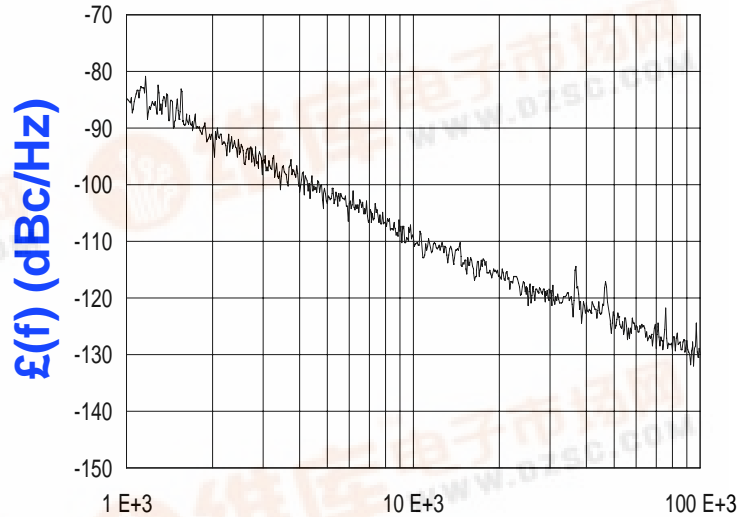
CLV1000E-LF

VOLTAGE CONTROLLED OSCILLATOR

Rev A1



PHASE NOISE (1 Hz BW, typical)



FEATURES

- Frequency Range: 900 - 1100 MHz
- Tuning Voltage: 1 - 10 Vdc
- MINI-14S - Style Package

APPLICATIONS

- Digital Radios
- Satellite Communications
- Basestations

PERFORMANCE SPECIFICATIONS

PERFORMANCE SPECIFICATIONS	VALUE	UNITS
Oscillation Frequency Range	900 - 1100	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-111	dBc/Hz
Harmonic Suppression (2nd, typ.)	-15	dBc
Tuning Voltage	1 - 10	Vdc
Tuning Sensitivity (avg.)	31	MHz/V
Power Output	4±3	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	100	pF
Pushing	<2	MHz/V
Pulling (14dB Return Loss, Any Phase)	<1	MHz
Operating Temperature Range	-40 to 85	°C
Package Style	MINI-14S	

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.

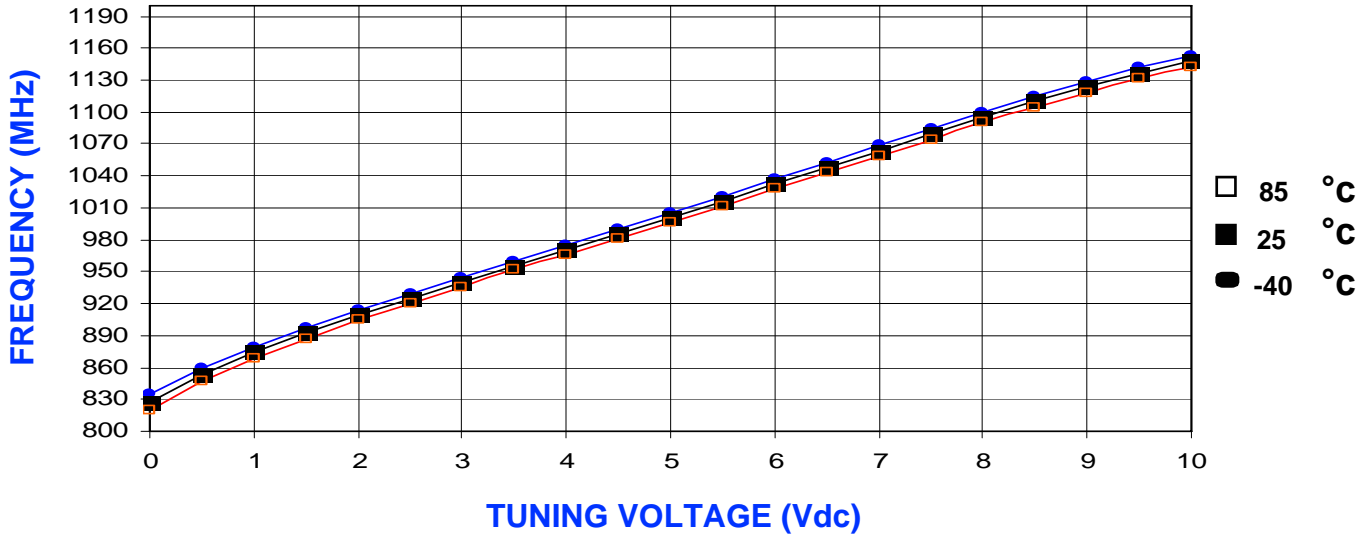
APPLICATION NOTES

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

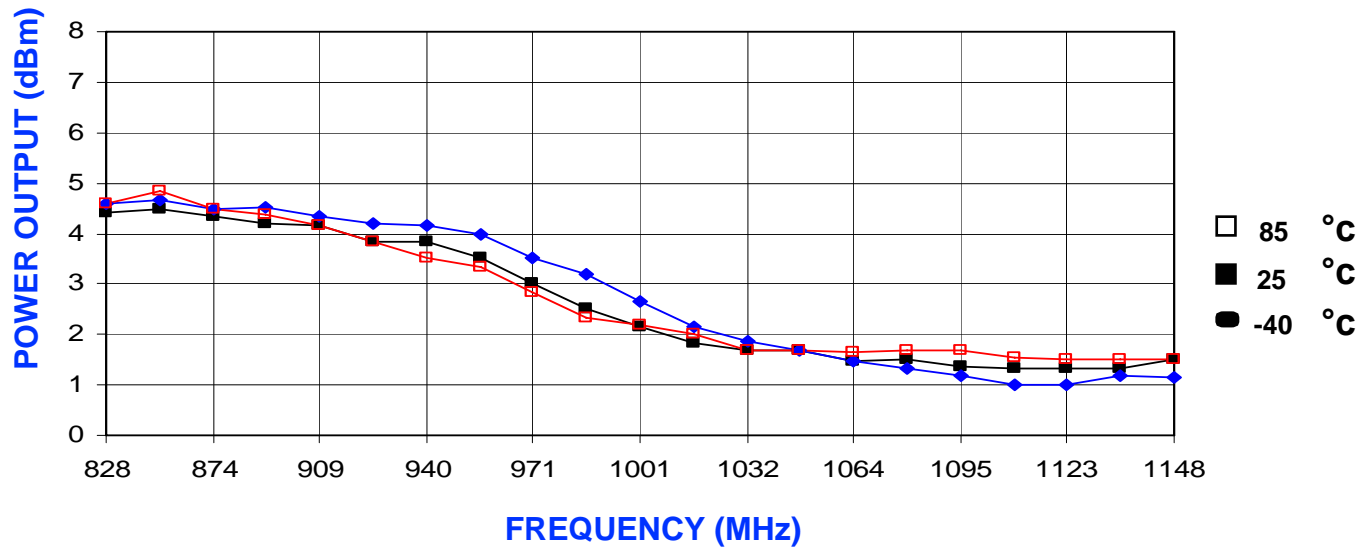
NOTES:



TUNING CURVE, typ.



POWER CURVE, typ.



PHYSICAL DIMENSIONS

