



查询CLV1052M-LF供应商

Z-Communications, Inc.

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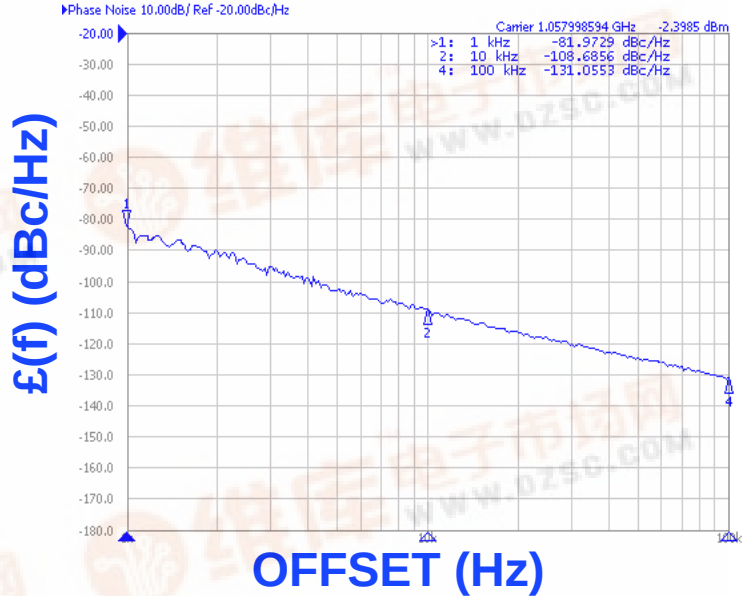
捷多邦，专业PCB打样工厂 24小时加急出货

CLV1052M-LF

VOLTAGE CONTROLLED OSCILLATOR

Rev A1

PHASE NOISE (1 Hz BW, typical)



FEATURES

- Frequency Range: 1048 - 1058 MHz
- Tuning Voltage: 0.5-4.5 Vdc
- MINI-14MS- - Style Package

APPLICATIONS

- Data Transmitter
- Digital Radios
- Satellite Communications

PERFORMANCE SPECIFICATIONS

	VALUE	UNITS
Oscillation Frequency Range	1048 - 1058	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-109	dBc/Hz
Harmonic Suppression (2nd, typ.)	-35	dBc
Tuning Voltage	0.5-4.5	Vdc
Tuning Sensitivity (avg.)	19	MHz/V
Power Output	3±3	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	100	pF
Pushing	<1	MHz/V
Pulling (14dB Return Loss, Any Phase)	<4	MHz
Operating Temperature Range	-40 to 85	$^{\circ}\text{C}$
Package Style	MINI-14MS-LOW	

POWER SUPPLY REQUIREMENTS

Supply Voltage (Vcc, nom.)	5	Vdc
Supply Current (Icc, typ.)	21	mA

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

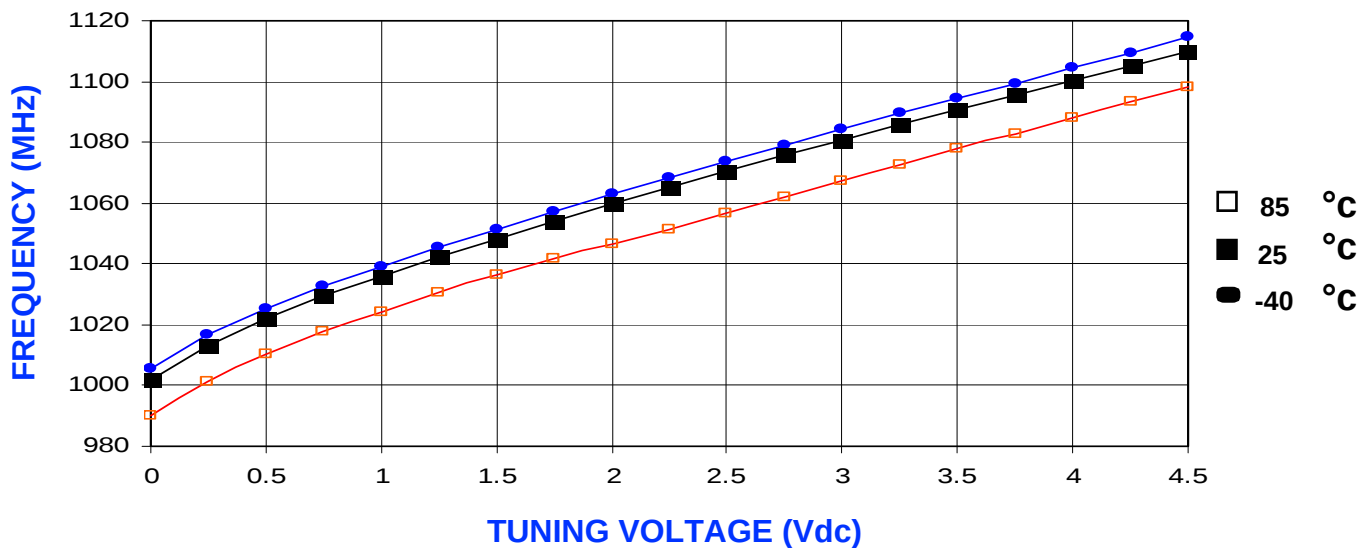
APPLICATION NOTES

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

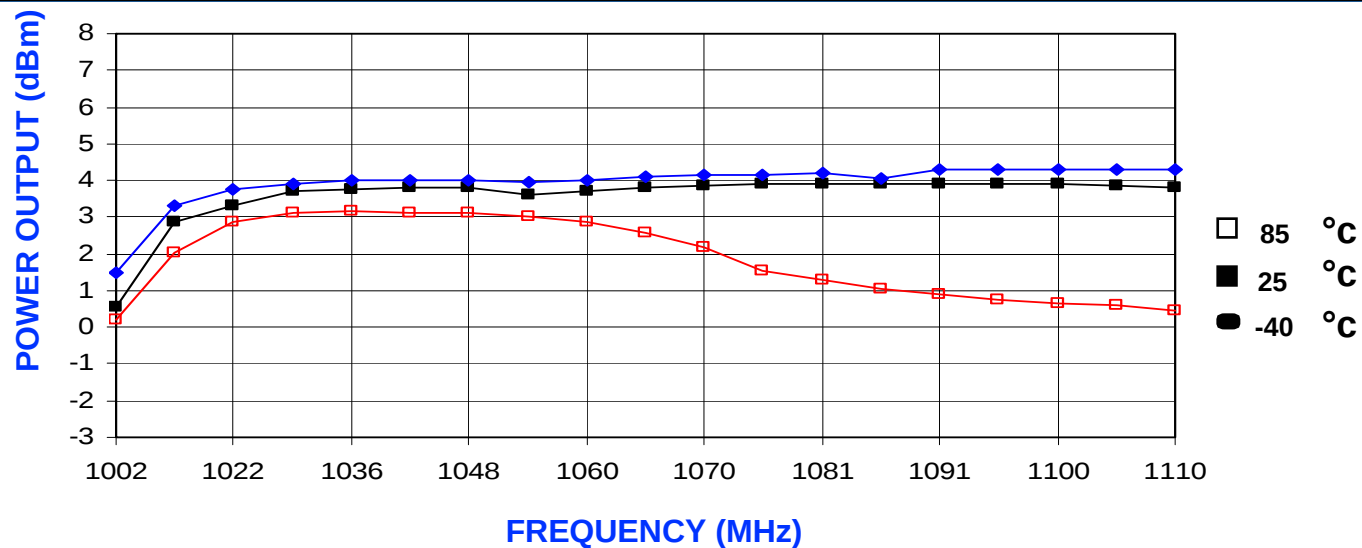
NOTES:

MODULATION SENSITIVITY: 27 kHz/V

TUNING CURVE, typ.



POWER CURVE, typ.



PHYSICAL DIMENSIONS

