



查询CLV1080A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

CLV1080A

VOLTAGE CONTROLLED OSCILLATOR

Rev A1



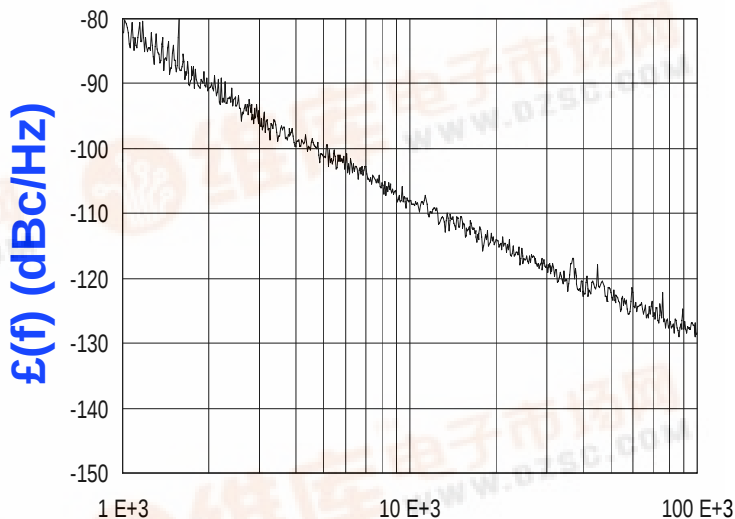
FEATURES

- Frequency Range: 1020 - 1150 MHz
- Tuning Voltage: 0.5 - 4.75 Vdc
- MINI-14S-L - Style Package

APPLICATIONS

- Digital Radios
- Basestations
- Satellite Communications

PHASE NOISE (1 Hz BW, typical)



OFFSET (Hz)

PERFORMANCE SPECIFICATIONS

	VALUE	UNITS
Oscillation Frequency Range	1020 - 1150	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-107	dBc/Hz
Harmonic Suppression (2nd, typ.)	-15	dBc
Tuning Voltage	0.5 - 4.75	Vdc
Tuning Sensitivity (avg.)	40	MHz/V
Power Output	2.5±2.5	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	150	pF
Pushing	<2	MHz/V
Pulling (14dB Return Loss, Any Phase)	<2	MHz
Operating Temperature Range	-20 to 75	°C
Package Style	MINI-14S-L	
POWER SUPPLY REQUIREMENTS		
Supply Voltage (Vcc, nom.)	5	Vdc
Supply Current (Icc, typ.)	20	mA

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

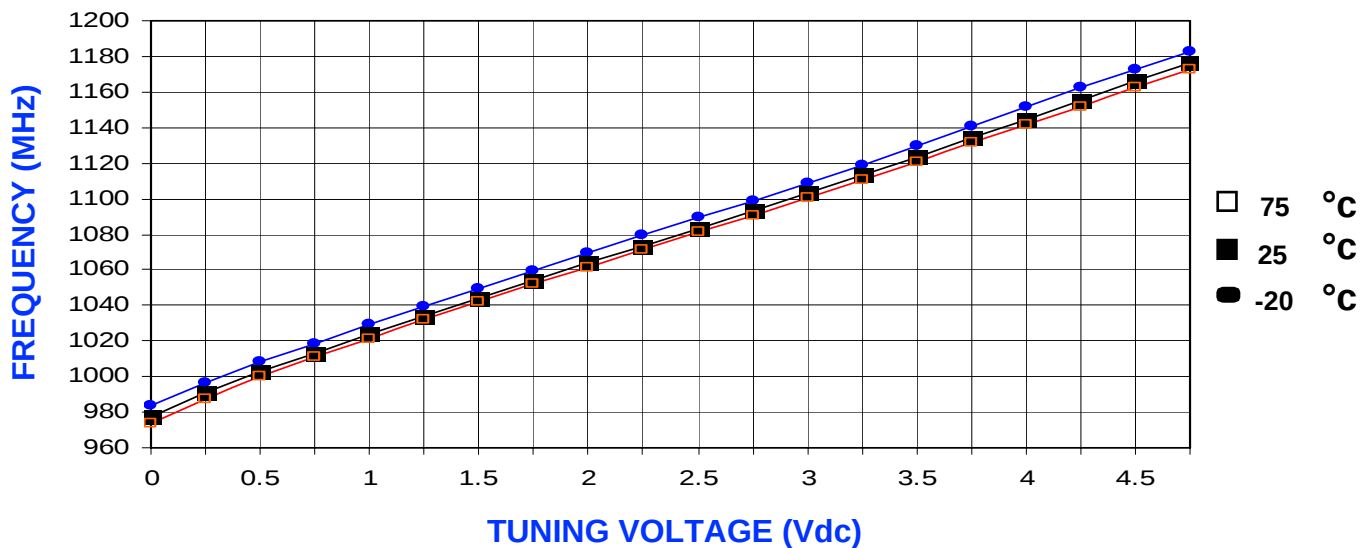
APPLICATION NOTES

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

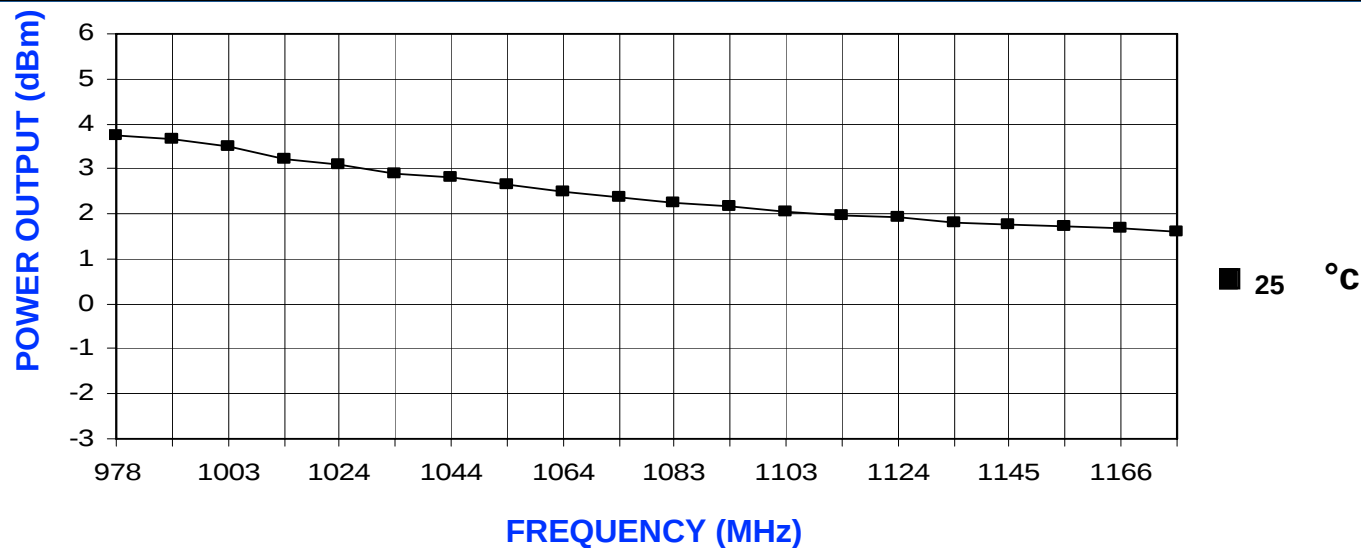
NOTES:



TUNING CURVE, typ.



POWER CURVE, typ.



PHYSICAL DIMENSIONS

