



查询V585ME16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

V585ME16

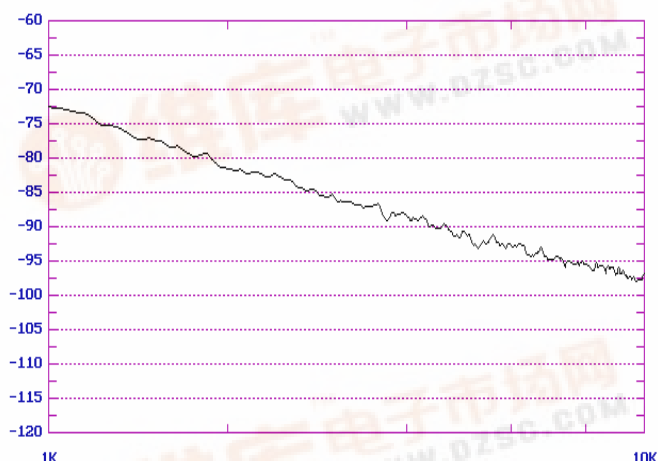
VOLTAGE CONTROLLED OSCILLATOR

Rev A1



PHASE NOISE (1 Hz BW, typical)

$L(f)$ (dBc/Hz)



OFFSET (Hz)

FEATURES	
• Frequency Range:	1000 - 2000 MHz
• Tuning Voltage:	1 - 20 Vdc
• MINI-14S - Style Package	
APPLICATIONS	
• Satellite Communications	
• CATV Modems	
• Test Instrumentation	

PERFORMANCE SPECIFICATIONS	VALUE	UNITS
Oscillation Frequency Range	1000 - 2000	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-96	dBc/Hz
Harmonic Suppression (2nd, typ.)	-5	dBc
Tuning Voltage	1 - 20	Vdc
Tuning Sensitivity (avg.)	67	MHz/V
Power Output	5.5±2.5	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	100	pF
Pushing	<5	MHz/V
Pulling (14 dB Return Loss, Any Phase)	<15	MHz
Operating Temperature Range	-40 to 80	$^{\circ}\text{C}$
Package Style	MINI-14S	
POWER SUPPLY REQUIREMENTS		
Supply Voltage (Vcc, nom.)	10	Vdc
Supply Current (Icc, typ.)	15	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:



