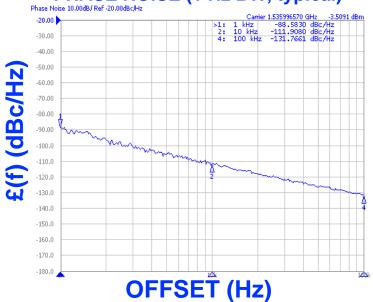
SLV1536A-LF

VOLTAGE CONTROLLED OSCILLATOR

Rev A1

PHASE NOISE (1 Hz BW, typical)



FEATURES

- Frequency Range: 1535 1537 MHz
- Tuning Voltage: 0.5-4.5 Vdc
- MINI-16H Style Package

APPLICATIONS

- Mobile Communications
- Wireless Radio

PERFORMANCE SPECIFICATIONS	VALUE	UNITS	
Oscillation Frequency Range	1535 - 1537	MHz	
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-111	dBc/Hz	
Harmonic Suppression (2nd, typ.)	-20	dBc	
Tuning Voltage	0.5-4.5	Vdc	
Tuning Sensitivity (avg.)	5	MHz/V	
Power Output	3±2	dBm	
Load Impedance	50	Ω	
Input Capacitance (max.)	50	pF	
Pushing	<1	MHz/V	
Pulling (14 dB Return Loss, Any Phase)	<3	MHz	
Operating Temperature Range	-40 to 85	°C	
Package Style	MINI-16H		
POWER SUPPLY REQUIREMENTS			
Supply Voltage (Vcc, nom.)	5	Vdc	
Supply Current (Icc, typ.)	30	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:

RoHS Compliant.



