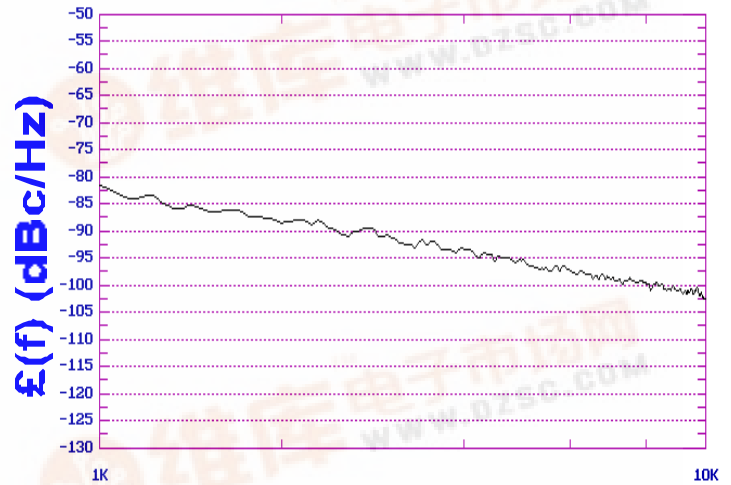


PHASE NOISE (1 Hz BW, typical)



OFFSET (Hz)

FEATURES	
• Frequency Range:	126 - 130 MHz
• Tuning Voltage:	0.7-4.3 Vdc
• SUB-L - Style Package	

APPLICATIONS	
• Portable Radios	
• Basestations	
• Test Instruments	

PERFORMANCE SPECIFICATIONS	VALUE	UNITS
Oscillation Frequency Range	126 - 130	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-102	dBc/Hz
Harmonic Suppression (2nd, typ.)	-10	dBc
Tuning Voltage	0.7-4.3	Vdc
Tuning Sensitivity (avg.)	12	MHz/V
Power Output	3±3	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	500	pF
Pushing	<1	MHz/V
Pulling (14 dB Return Loss, Any Phase)	<1	MHz
Operating Temperature Range	-30 to 85	°C
Package Style	SUB-L	

POWER SUPPLY REQUIREMENTS		
Supply Voltage (Vcc, nom.)	5	Vdc
Supply Current (Icc, typ.)	22	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:



