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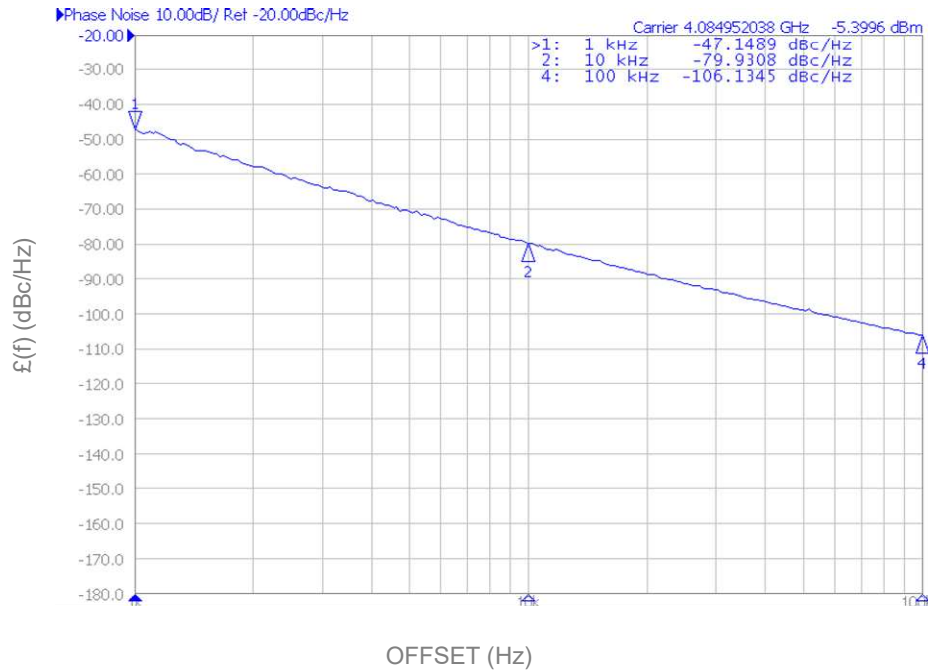
Voltage-Controlled Oscillator Surface Mount Module

Applications

Clock Generators
 Microwave Radios

Application Notes

AN-101: Mounting and Grounding
 AN-102: Output Loading
 AN-107: Manual Soldering

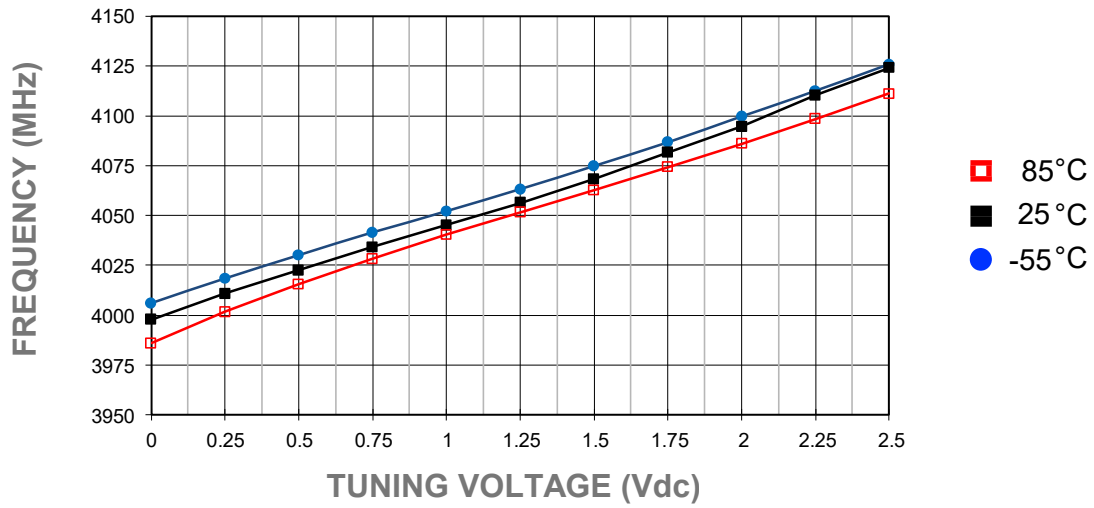


Performance Specifications	Min	Typ	Max	Units
Oscillation Frequency Range	4082		4088	MHz
Phase Noise @ 10 kHz offset (1 Hz BW)		-80		dBc/Hz
Harmonic Suppression (2nd)		-25	-20	dBc
Tuning Voltage			-2.5	Vdc
Tuning Sensitivity (avg.)		50		MHz/V
Power Output	-3	0	3	dBm
Load Impedance		50		Ω
Input Capacitance			50	pF
Pushing			15	MHz/V
Pulling (20. dB Return Loss, Any Phase)			10	MHz
Operating Temperature Range	-55		85	$^{\circ}\text{C}$
Package Style	SUB-MINI			

Power Supply Requirements	Min	Typ	Max	Units
Supply Voltage (Vcc, nom.)		2.8		Vdc
Supply Current (Icc)		8	10	mA

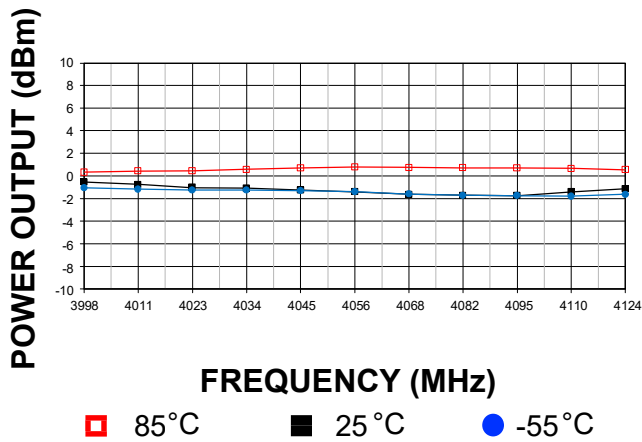
Additional Notes

Tuning Curve, typ.



Power Curve, typ.

Footprint



Physical Dimensions