


**HV5005**

## General Description

The HV5005 is a voltage tuneable oscillator in TO8 housing in the frequency range from 9.9 GHz to 10.8 GHz.

## Electrical Performance

Typical Data @25 °C

Parameter	Min	Typ	Max	Units
Frequency Range	9.8		10.9	GHz
Phase Noise@100kHz		-85		dBc/Hz
Tuning Voltage	0.5		10	V
Tuning Sensitivity	100		150	MHZ/V
Input Capacitance			6	pF
Modulation Bandwidth	100			MHz
Power Output	7	10	13	dBm
Harmonic Suppression		-15		dB
DC Voltage		5		V
DC Current		15	100	mA
Operating Temperature	-40		+85	°C
Package	S101			
Size	0.5 D x 0.2 H			inch

Rev. 1.1