


HV7002

General Description

The HV7001 is a voltage tuneable oscillator in the frequency range from 23.8 to 24.2 GHz. It comes in a hermetically sealed package.

Electrical Performance

Typical Data @25 °C

Parameter	Min	Typ	Max	Units
Frequency Range	23.8		24.2	GHz
Tuning Bandwidth		+/- 200		MHz
Phase Noise@100kHz		-75		dBc/Hz
Phase Noise@1MHz		-90		dBc/Hz
Tuning Voltage	1		10	V
Power Output	5	7	10	dBm
Harmonic suppression		<-30		dB
Subharmonic Suppression		<-30		dB
DC Voltage		+5 / -5		V
DC Current		tbd	150	mA
Package		tbd		
Size		tbd		mm

Rev. 1.0