



<b><u>PARAMETER</u></b>	<b><u>MIN</u></b>	<b><u>TYP</u></b>	<b><u>MAX</u></b>	<b><u>UNITS</u></b>
Frequency Range	950.00		2150.00	MHz
Step Size		2		Hz
Step Accuracy	-5		5	Hz
Lock Time (frequency & phase lock)			30	usec
External Reference	40		200	MHz
Vcc1 (vco, logic, DAC)		5		V
Icc1		217		mA
Vcc2 (loop filter & DAC)		25		V
Icc2		14		mA
RF Output Level	0	4	8	dBm
Spurious			-55	dBc
Reference Sidebands			-55	dBc
Harmonic Suppression		-15		dBc
Output Impedance		50		ohms
Single Sideband Phase Noise				
Offset 1 KHz		-107		dBc/Hz
Offset 10 KHz		-112		dBc/Hz
Offset 100 KHz		-110		dBc/Hz
Offset 1 MHz		-130		dBc/Hz
Operating Temperature	-40		+85	C
Lock Indicator ("locked")		TTL		high
Physical Dimensions		Surface Mount		
Length		2.000		inches
Width		1.525		inches
Height		0.250		inches
Programming				
Hittite HMC700LP4		Data, Clk, LE		3V LVTTTL
DAC AD5551		Data, Clk, LE		3V LVTTTL