



PLL Product Specification

Model: PNP-1623-P22-G **Rev:** A **Date:** 5/18/2010
Customer: RF MICRO DEVICES **AppNote:**
Operating Temperature Range: (-40 ° to 85 ° C)

RoHS Compliant

Parameter	Min	Typ	Max	Units	X	Remarks
Frequency Range -	1550		1825	MHz	X	
Step Size -	5000		10000	kHz	X	
Output Power -	-2.5	0	2.5	dBm	X	
Output Phase Noise:						
1 kHz		-93	-88	dBc/Hz		
10 kHz		-100	-95	dBc/Hz	X	
100 kHz		-126	-121	dBc/Hz		
1000 kHz		-146	-141	dBc/Hz		
Power Supply:						
	11.75	12	12.25	Volts	X	V1
	2.7	3	3.3	Volts	X	V2
Supply Current:						
		50		mA	X	I1
		25		mA	X	I2
Spurious Product -		-70	-60	dBc		STEP=5000kHz
Reference Feedthrough -		-80	-70	dBc		
Harmonic Suppression:						
2nd Harmonic		-15	-10	dBc		
Ref Osc Signal:						
Frequency		10		MHz		
Amplitude	0		3.3	Vp-p		DC Coupled

Package Information

Package Type:	P22 (0.6 x 0.6 x 0.22 inches)	Drawing Number:	UP-P22
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Comments

X Indicates parameter to be tested 100% in production
Specification Test Conditions, V1=12V, V2=3V, REF=10MHz.
Reference Input Level -5dBm min / +5dBm max - AC coupled.

RoHS status based on EU Directive 2002/95/EC (at time of this document revision).

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