



PLL Product Specification

Model: PLL400-810 **Rev:** A **Date:** 4/17/2003
Customer: SIRENZA MICRODEVICES, INC. **AppNote:** 107
Operating Temperature Range: (-35 ° to 85 ° C)

Parameter	Min	Typ	Max	Units	X	Remarks
Frequency Range -	797	810	823	MHz	X	
Step Size -		30		kHz	X	
Settling Time - To within 1.0 kHz		12.2	15	mSec		
Output Power -	-1	2	5	dBm	X	
Output Phase Noise - 10 kHz		-112	-106	dBc/Hz	X	
Power Supply -	4.75	5	5.25	Volts		
Supply Current -		18	25	mA	X	
Spurious Product - 30 kHz		-79	-70	dBc	X	
Reference Feedthrough -		-80	-70	dBc		
Harmonic Suppression:						
2nd Harmonic		-15	-10	dBc	X	
3rd Harmonic		-30	-10	dBc	X	
Ref Osc Signal:						
Frequency		10		MHz		
Amplitude	0.4		2	Vp-p		
Phase Noise - 1 kHz		-145		dBc/Hz		
Input Impedance		10		k Ω		
Output Impedance -		50		Ω		

Package Information

Package Type:	PLL400	Drawing Number:	60080
Dimensions:	0.6 x 0.6 x 0.14 inches	Drawing Revision:	B

Comments

X Indicates parameter to be tested 100% in production

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