



PLL Product Specification

Model:	PLL400-1800	Rev:	B	Date:	4/17/2003
Customer:	SIRENZA MICRODEVICES, INC.	AppNote:	108		
Operating Temperature Range:	(-35 ° to 85 ° C)				

Parameter	Min	Typ	Max	Units	X	Remarks
Frequency Range -	1600	1800	2000	MHz	X	
Step Size -		1000		kHz	X	
Settling Time - To within 1 kHz		2	10	mSec		
Output Power -	-4	-1	2	dBm	X	
Output Phase Noise:						
10 kHz		-85	-81	dBc/Hz		
100 kHz		-110	-104	dBc/Hz	X	
Power Supply -	4.75	5	5.25	Volts		
Supply Current -		25	40	mA	X	
Spurious Product - 1000 kHz		-65	-60	dBc	X	
Reference Feedthrough -		-80	-70	dBc		
Harmonic Suppression:						
2nd Harmonic		-10	-8	dBc	X	
3rd Harmonic		-15	-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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