



## PLL Product Specification

<b>Model:</b> PLL400-1650	<b>Rev:</b> A	<b>Date:</b> 4/17/2003
<b>Customer:</b> SIRENZA MICRODEVICES, INC.	<b>AppNote:</b> 108	
<b>Operating Temperature Range:</b> ( -35 ° to 85 ° C)		

Parameter	Min	Typ	Max	Units	X	Remarks
Frequency Range -	1600	1650	1700	MHz	X	
Step Size -		200		kHz	X	
Settling Time - To within 1.0 kHz		4.2	10	mSec		
Output Power -	-2	1	4	dBm	X	
Output Phase Noise - 100 kHz		-119	-113	dBc/Hz	X	
Power Supply -	4.75	5	5.25	Volts		
Supply Current -		25	35	mA	X	
Spurious Product - 200 kHz		-77	-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 $\Omega$		
Output Impedance -		50		$\Omega$		

### 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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