



PLL Product Specification

Model: PLL350-2444(Y) **Rev:** P2 **Date:** 9/1/2006
Customer: SIRENZA MICRODEVICES **AppNote:** 113 Option 207000
Operating Temperature Range: (-35 ° to 85 ° C)

Pb RoHS Compliant

To order models as RoHS Compliant add "Y" suffix to base model number.

Parameter	Min	Typ	Max	Units	X	Remarks
Frequency Range -	2344		2544	MHz	X	
Step Size -		250		kHz	X	
Settling Time -		10	50	mSec		to within 1kHz
Output Power -	-4	-1	2	dBm	X	
Output Phase Noise - 10 kHz		-93	-85	dBc/Hz	X	
Power Supply:						
	4.9	5	5.1	Volts	X	VCO and CP
	3.15	3.3	3.45	Volts	X	PLL IC
Supply Current:						
		30	50	mA	X	VCO and CP
		15	20	mA	X	PLL IC
Spurious Product - 250 kHz		-80	-70	dBc	X	
Reference Feedthrough -		-80	-65	dBc		
Harmonic Suppression:						
2nd Harmonic		-25	-20	dBc	X	
Ref Osc Signal:						
Frequency		30		MHz		
Amplitude	0.8		3.3	Vp-p		
Phase Noise - 1 kHz		-145		dBc/Hz		
Input Impedance		100		kΩ		
Output Impedance -		50		Ω		Nominal

Package Information

Package Type:	PLL350 (0.8 x 0.582 x 0.154 inches)	Drawing Number:	61054
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Comments

X Indicates parameter to be tested 100% in production

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