



## PLL Product Specification

**Model:** PLL350-1810(Y)      **Rev:** P3      **Date:** 9/1/2006  
**Customer:** SIRENZA MICRODEVICES, INC.      **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 -	1780	1810	1840	MHz	X	
Step Size -		50		kHz	X	
Settling Time - To within 1.0kHz		10	100	mSec		
Output Power -	0	3	6	dBm	X	
Output Phase Noise:						
1 kHz		-74	-68	dBc/Hz		
10 kHz		-101	-95	dBc/Hz		
100 kHz		-127	-121	dBc/Hz	X	
Power Supply -	4.75	5	5.25	Volts		
Supply Current -		35	50	mA	X	
Spurious Product - 50 kHz		-75	-70	dBc	X	
Reference Feedthrough -		-75	-70	dBc		
Harmonic Suppression:						
2nd Harmonic		-20	-15	dBc	X	
3rd Harmonic		-20	-15	dBc	X	
Ref Osc Signal:						
Frequency		10		MHz		
Amplitude	3		5	Vp-p		
Phase Noise - 1 kHz		-145		dBc/Hz		
Input Impedance		100		kΩ		
Output Impedance -		50		Ω		

### 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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