



## CRO Product Specification

**Model:** CRO190-1280T      **Rev:** P2      **Date:** 10/27/2004

**Customer:** SIRENZA MICRODEVICES

**Operating Temperature Range:** ( -40 ° to 85 ° C)

Parameter	Min	Typ	Max	Units	X	Remarks
Frequency Range -	1240		1320	MHz	X	
Tuning Voltage:						
1240 MHz	1	1.5		Vdc	X	
1320 MHz		14	18	Vdc	X	
Tuning Sensitivity -	2	7	14	MHz/V	X	
Output Power -	1	4	7	dBm	X	
Output Phase Noise:						
1 kHz		-88	-83	dBc/Hz		
10 kHz		-114	-109	dBc/Hz		
100 kHz		-135	-130	dBc/Hz		
1000 kHz		-155	-150	dBc/Hz		
Power Supply -	4.9	5	5.1	Volts		
Supply Current -		25	30	mA	X	
Harmonic Suppression:						
2nd Harmonic		-25	-10	dBc	X	
3rd Harmonic		-25	-10	dBc	X	
Spurious (Non-Harmonic) -			-90	dBc		
Frequency Pushing - 4.9-5.1 V		0.2	0.5	MHz p-p		
Frequency Pulling - into a 12 dB RL		1.7	3	MHz p-p		
Tuning Port Capacitance -		68		pF		
Output Impedance -		50		Ω		

### Package Information

Package Type:	T	Drawing Number:	60035
Dimensions:	0.5 x 0.5 x 0.223 inches	Drawing Revision:	D

### Comments

**X** Indicates parameter to be tested 100% in production

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