PRELIM

CRO Product Specification

Model: CRO190-867T **Rev:** P2 **Date:** 7/20/2005

Customer: SIRENZA MICRODEVICES, INC.

Operating Temperature Range: (-40 ° to 70 ° C)

Parameter	Min	Typ	Max	Units	X	Remarks
Frequency Range -	865		868	MHz	X	
Tuning Voltage:						
865 MHz	0	1		Vdc	X	
868 MHz		4	5	Vdc	X	
Tuning Sensitivity -	2	3.5	7	MHz/V	X	
Output Power -	2	5	8	dBm	X	
Output Phase Noise:						
10 kHz		-123	-117	dBc/Hz		
100 kHz		-143	-137	dBc/Hz	X	
Power Supply -	4.9	5	5.1	Volts		
Supply Current -		23	30	mA	X	
Harmonic Suppression:						
2nd Harmonic		-20	-10	dBc	X	
3rd Harmonic		-35	-20	dBc	X	
Spurious (Non-Harmonic) -			-90	dBc		
Frequency Pushing - 4.9-5.1 V		0.1	0.3	MHz p-p		
Frequency Pulling - into a 12 dB RL		0.8	1.5	MHz p-p		
Tuning Port Capacitance -		100		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:	E

Comments

X Indicates parameter to be tested 100% in production

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