



VCO 0813SMM5

rev_0
rev_1

initial rev
PN change

	<u>MIN</u>	<u>TYP</u>	<u>MAX</u>	<u>UNITS</u>	<u>NOTES</u>	<u>Production Test</u>	<u>First Article Test</u>
Frequency Range	800		1300	MHz	1	..	..
Tuning Voltage	0		5	V	1	..	..
Modulation Sensitivity		125		MHz/V	1	..	..
Operates with Vtune = 0V					1	..	..
Output Power	4	6	8	dBm	1	..	..
Phase Noise @							
1 KHz Offset		-68		dBc/Hz	1	..	..
10 KHz Offset		-95		dBc/Hz	1	..	..
100 KHz Offset		-115		dBc/Hz	1	..	..
1 MHz Offset		-135		dBc/Hz	1	..	..
Pushing			5	MHz/V	3	..	..
Pulling (12dB RL, any phase)			10	MHz _{p-p}	3	..	..
Modulation Bandwidth		1		MHz	4		
Tuning Port Capacitance			100	pF	2		
Harmonics			-10	dBc	3	..	..
Vcc		5.0		V	5	..	..
Icc		30		mA	1	..	..
Operating Temperature	-55		+85	C	3		..
Package		SMM				..	..
LxW		0.300		inch sq.	5	..	..
Height		0.080		inch	5	..	..

Notes

1. Tested in production, and guaranteed
2. Per current design, not a tested parameter
3. Sample tested from production lot
4. Not a tested or guaranteed design goal
5. By inspection
6. Design goal subject to change

sig **date**

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