



R2560SMUA8CR

rev_0
rev_1

initial rev
storage temp

	<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		2560		MHz	1	..	..
Tuning Voltage	0.5		4.5	V	1	..	..
Modulation Sensitivity		4		MHz/V	1,10	..	..
Operates with Vtune = 0V					1	..	..
Output Power	6	8	10	dBm	1	..	..
Phase Noise @							
1 KHz Offset		-95	-90	dBc/Hz	1	..	..
10 KHz Offset		-120	-115	dBc/Hz	1	..	..
100 KHz Offset		-140	-135	dBc/Hz	1	..	..
1 MHz Offset		-160	-155	dBc/Hz	1	..	..
10 MHz Offset		-165	-160	dBc/Hz	1	..	..
Pushing		0.2	0.5	MHz/V	3	..	..
Pulling (12dB RL, any phase)		2	5	MHz _{p-p}	3	..	..
Modulation Bandwidth		1		MHz	4	..	..
Tuning Port Capacitance		47		pF	2	..	..
Harmonics		-20		dBc	3	..	..
Vcc		8.0		V	1		
Icc		31		mA	1,10	..	..
Operating Temperature	-40		+85	C	3	..	..
Storage Temperature	-65		125	C	3		
Package		SMUA			6	..	..
LxW		0.500		inch sq.	5	..	..
Height		0.220		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. RoHS compliant
7. Parylene Conformal Coating
8. Foam Filled
9. Conformal Coating and Foam Fill
10. Design goal subject to change