

Voltage Controlled Oscillator

RS3544AM

Optimized Band 3284 to 3804 MHz

Rev. A

Features

- Low phase noise
- Linear tuning characteristics
- Low pushing / Low pulling
- Aqueous washable

Applications

- SATCOM
- Receiver
- Test Equipment
- Radar
- Point-to-Point
- Radio
- MMDS
- WiMax

Electrical Characteristics



Parameter	Units	Min	Typ	Max
Operating Frequency Range	MHz	3284		3804
Output Power	dBm		3.0	
Output Impedance	Ω		50	
Phase Noise	dBc/Hz		-98	
	@10kHz offset			
	@100kHz offset		-118	
Tuning Voltage (Vt)	Vdc	+1		+12
Tuning Voltage Sensitivity (Kv)	MHz/V		56	
2nd Harmonic Suppression	dBc		-15	
Power Supply (Vcc)	Voltage		8	
	Current		28	
Pushing Figure	MHz/V		1	
Pulling Figure	MHz		2	
Input Capacitance	pF		10	
Operating Temp. Range	°C	-40		+85

Dimensions

