

SC-Cut OCXOSeries **COC22****Applications**

- * Cellular Base Station
- * GSM & CDMA System
- * Test Equipment
- * Frequency Synthesizer
- * Digital Switching

Features

- * High Reliability
- * Low Aging
- * Excellent Phase Noise
- * Mass Production With Good Uniformity
- * ROHS Compliant
- * Custom Build Capability
- * SC-Cut
- * Frequency Control

Part Numbering Example: **COC22Z-A219.200****COC22****Z****A2****19.200**

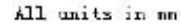
SERIES	ADDED FEATURES	OPERATING TEMP.	FREQUENCY
COC22	Blank = Bulk Package T = Tube Z = Tape and Reel	A2 = -40° to + 85°C	19.2 MHz

Specifications:	Min	Typ	Max	Unit
Frequency Range:		19.200		MHz
Frequency Stability Vs. Temperature:			10	ppb
Frequency Accuracy: Vc=+1.65V@25°C			200	ppb
Initial Frequency Accuracy: Vc=+1.65V(+25°C)			100	ppb
Storage Temperature Range:	-55		+105	°C
Supply Voltage:	3.135	3.3	3.465	V
Operating Temperature:	0		+75	°C
Operable Temperature:	-40		+85	°C
Load Stability:		2		/15pF±10%
Supply Voltage Stability:		2		/+3.3V±5%
Maximum aging rate after power on 30 days			0.1 0.4 0.5	ppm/1yr ppm/10yr ppb/day
Short-Time Frequency Stability:			0.05	ppb/second
Initial Current:			950	mA
Steady State Current:			400	mA
Warm up Time:			10	min
Start up Time:			1	S
Phase Noise:				
1 Hz		-75		dBc
10 Hz		-105		dBc
100 Hz		-120		dBc
1 kHz		-135		dBc
10 kHz		-145		dBc
Output Waveform:	LVCMOS square wave			
Spurious:	<-45 dBc			
Output Voltage:	Voh / Vol (2.4V min. / 0.4V max.)			
Duty Cycle:	45/55%			
Rise / fall time:	<6ns			
Output Load:	15pF			
Packaging:	PCBSMD 25.4mm X 22mm			



Series

COC22



Package & pin function:

Pin 1	Vc(control voltage)
Pin 2	N.C
Pin 3	Vs(supply voltage)
Pin 4	RF(output)
Pin 5	N.C
Pin 6	N.C
Pin 7	GND(case)

Wayne, NJ 07470

CARDINAL COMPONENTS



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