

# Voltage Controlled Oscillator

# ROS-892-119+

## Typical Performance Data

V TUNE	TUNE SENS (MHz/V)	FREQUENCY (MHz)			POWER OUTPUT (dBm)			HARMONICS (dBc)			FREQ. PUSH (MHz/V)	FREQ OFFSET (KHz)	PHASE NOISE (dBc/Hz)
		-55°C	+25°C	+85°C	-55°C	+25°C	+85°C	F2	F3	F4			
0.00	26.75	809.9	805.5	801.4	4.43	4.44	4.29	-15.16	-30.45	-17.17	0.89	1	-86
0.20	24.94	815.0	810.8	807.0	4.45	4.49	4.35	-15.23	-29.67	-17.32	0.92	10	-115
0.50	23.49	822.3	818.3	814.6	4.43	4.48	4.35	-15.33	-28.73	-17.82	0.90	100	-135
0.75	23.09	828.1	824.2	820.6	4.38	4.44	4.32	-15.49	-28.21	-17.80	0.87	1000	-156
1.00	23.07	833.8	829.9	826.4	4.30	4.38	4.28	-15.59	-27.97	-17.96	0.83		
1.25	23.30	839.6	835.7	832.2	4.20	4.32	4.22	-15.69	-27.97	-18.70	0.79		
1.50	23.74	845.4	841.5	838.0	4.10	4.26	4.17	-15.89	-28.17	-19.00	0.75		
1.75	24.26	851.4	847.5	843.9	3.99	4.19	4.12	-16.03	-28.39	-19.16	0.71		
2.00	24.77	857.5	853.5	849.9	3.89	4.14	4.07	-16.13	-28.50	-19.60	0.66		
2.25	25.28	863.8	859.7	856.1	3.81	4.08	4.02	-16.26	-28.70	-19.81	0.61		
2.50	25.77	870.1	866.0	862.4	3.73	4.01	3.98	-16.39	-28.67	-20.04	0.55		
2.75	26.23	876.6	872.5	868.8	3.65	3.94	3.93	-16.42	-28.96	-20.33	0.49		
3.00	26.61	883.2	879.0	875.3	3.55	3.86	3.89	-16.47	-29.55	-20.30	0.41		
3.25	26.88	889.9	885.7	881.9	3.46	3.78	3.85	-16.61	-30.50	-20.60	0.32		
3.50	27.05	896.7	892.4	888.6	3.35	3.70	3.79	-16.69	-31.43	-21.29	0.22		
3.75	27.12	903.5	899.2	895.4	3.25	3.63	3.74	-16.79	-32.40	-21.64	0.11		
4.00	27.11	910.3	905.9	902.2	3.16	3.58	3.68	-16.90	-33.06	-21.94	0.00		
4.25	27.05	917.1	912.7	908.9	3.08	3.53	3.63	-17.05	-32.62	-22.28	0.11		
4.50	26.92	923.9	919.5	915.7	2.99	3.49	3.57	-17.24	-30.57	-23.24	0.22		
4.75	26.71	930.7	926.2	922.4	2.93	3.45	3.51	-17.45	-27.88	-23.71	0.31		
5.00	26.37	937.4	932.9	929.1	2.87	3.41	3.47	-17.66	-25.13	-24.03	0.39		
5.25	25.96	944.0	939.5	935.6	2.81	3.38	3.42	-17.89	-22.41	-24.65	0.47		
5.50	25.64	950.5	946.0	942.2	2.81	3.36	3.36	-18.08	-19.76	-25.26	0.54		
5.75	25.29	956.9	952.4	948.6	2.85	3.35	3.27	-18.28	-17.29	-25.88	0.60		
6.00	24.91	963.3	958.7	955.1	2.92	3.37	3.11	-18.47	-15.07	-26.66	0.63		
6.25	24.54	969.6	964.9	961.6	3.05	3.39	2.86	-18.75	-13.20	-26.95	0.66		
6.50	24.35	975.7	971.1	968.2	3.24	3.41	2.54	-19.15	-11.77	-26.93	0.71		
6.75	24.37	981.8	977.2	974.8	3.40	3.37	2.25	-19.71	-10.91	-27.06	0.89		
7.00	24.37	987.8	983.3	981.2	3.41	3.23	2.00	-20.25	-10.50	-27.21	1.18		

REV. X1  
 ROS-892-119+  
 070121  
 Page 1 of 1



IF/RF MICROWAVE COMPONENTS • ISO 9001 ISO 14001 AS 9100 CERTIFIED • RoHS compliant  
 P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661



The Design Engineers Search Engine finds the model you need, Instantly • For detailed performance specs & shopping online see

