

Voltage Controlled Oscillator

MOS-958-119+

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			
0.0	16.00	929.5	925.8	922.3	2.75	2.31	1.30	-31.8	-26.4	-42.5	0.33	1	-87
0.3	14.15	934.1	930.5	927.1	2.73	2.29	1.30	-31.2	-26.0	-41.5	0.19	10	-113
0.5	13.46	936.9	933.4	930.0	2.71	2.27	1.30	-30.9	-25.6	-41.1	0.14	100	-134
0.8	13.00	940.3	936.7	933.4	2.68	2.24	1.27	-30.4	-25.3	-39.9	0.10	1000	-154
1.0	12.76	943.5	940.0	936.6	2.65	2.21	1.26	-30.0	-25.2	-39.3	0.08		
1.3	12.67	946.7	943.2	939.8	2.62	2.17	1.24	-29.6	-25.0	-39.4	0.07		
1.5	12.66	949.9	946.3	942.9	2.58	2.14	1.23	-29.3	-25.0	-39.3	0.05		
1.8	12.73	953.1	949.5	946.1	2.55	2.11	1.20	-29.0	-25.0	-39.2	0.05		
2.0	12.82	956.2	952.7	949.2	2.52	2.07	1.18	-28.7	-25.1	-39.2	0.05		
2.3	12.92	959.4	955.9	952.4	2.48	2.03	1.15	-28.4	-25.0	-39.0	0.06		
2.5	13.02	962.7	959.1	955.6	2.45	1.99	1.12	-28.0	-24.9	-39.1	0.07		
2.8	13.10	965.9	962.4	958.9	2.43	1.95	1.10	-27.6	-24.8	-38.8	0.09		
3.0	13.16	969.2	965.6	962.1	2.40	1.92	1.07	-27.2	-24.7	-38.5	0.12		
3.3	13.19	972.4	968.9	965.4	2.39	1.89	1.05	-27.0	-24.5	-37.9	0.15		
3.5	13.18	975.7	972.2	968.7	2.37	1.86	1.02	-26.8	-24.4	-37.9	0.18		
3.8	13.14	979.0	975.5	972.0	2.35	1.84	1.01	-26.6	-24.4	-38.3	0.22		
4.0	13.07	982.2	978.8	975.3	2.33	1.82	0.99	-26.3	-24.4	-38.6	0.27		
4.3	12.96	985.5	982.1	978.6	2.33	1.80	0.97	-26.1	-24.4	-38.9	0.31		
4.5	12.84	988.7	985.3	981.9	2.32	1.79	0.97	-25.9	-24.5	-38.7	0.35		
4.8	12.68	991.9	988.5	985.1	2.32	1.78	0.96	-25.8	-24.7	-37.2	0.40		
5.0	12.68	995.0	991.7	988.3	2.33	1.78	0.96	-25.7	-24.8	-36.7	0.44		

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