

Voltage Controlled Oscillator

ROS-1340-119+

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	16.41	1210.2	1200.7	1195.1	2.02	2.01	1.95	-25.6	-54.2	-44.0	0.27	1	-86
0.5	14.67	1218.1	1208.9	1203.5	2.05	2.05	2.01	-26.3	-53.4	-43.6	0.11	10	-112
1.0	14.32	1225.4	1216.3	1210.9	2.07	2.09	2.04	-26.8	-52.3	-44.0	0.02	100	-132
1.5	14.61	1232.6	1223.4	1218.1	2.08	2.11	2.06	-27.3	-51.9	-44.3	0.05	1000	-151
2.0	15.10	1239.9	1230.7	1225.4	2.09	2.12	2.09	-27.8	-51.7	-43.8	0.09		
2.5	15.64	1247.5	1238.3	1233.0	2.08	2.12	2.10	-28.4	-51.3	-44.6	0.13		
3.0	16.03	1255.3	1246.1	1240.7	2.09	2.11	2.10	-28.7	-50.3	-44.5	0.14		
3.5	16.25	1263.3	1254.1	1248.8	2.09	2.11	2.09	-29.0	-50.1	-45.4	0.11		
4.0	16.29	1271.4	1262.2	1257.0	2.08	2.11	2.10	-29.6	-49.2	-45.5	0.06		
4.5	15.99	1279.4	1270.4	1265.1	2.08	2.11	2.10	-30.2	-49.8	-45.5	0.01		
5.0	15.57	1287.3	1278.4	1273.2	2.08	2.10	2.11	-30.8	-49.6	-46.2	0.07		
5.5	15.04	1295.0	1286.2	1281.0	2.08	2.10	2.11	-31.0	-49.0	-45.5	0.12		
6.0	14.51	1302.4	1293.7	1288.6	2.07	2.10	2.11	-31.5	-48.6	-47.3	0.14		
6.5	13.97	1309.6	1300.9	1295.9	2.06	2.10	2.11	-32.2	-48.0	-45.7	0.15		
7.0	13.38	1316.5	1307.9	1302.9	2.06	2.09	2.11	-32.8	-48.0	-48.2	0.15		
7.5	12.83	1323.2	1314.6	1309.6	2.06	2.08	2.11	-33.3	-47.3	-46.9	0.14		
8.0	12.34	1329.6	1321.0	1316.1	2.06	2.07	2.10	-33.8	-46.7	-48.4	0.13		
8.5	11.89	1335.7	1327.2	1322.3	2.06	2.08	2.10	-34.5	-46.7	-49.3	0.11		
9.0	11.43	1341.6	1333.2	1328.3	2.07	2.08	2.10	-35.0	-45.9	-48.8	0.10		
9.5	10.99	1347.3	1338.9	1334.0	2.09	2.08	2.11	-35.7	-45.2	-49.3	0.09		
10.0	10.57	1352.8	1344.4	1339.5	2.10	2.09	2.12	-36.3	-45.0	-49.5	0.09		
10.5	10.20	1358.0	1349.7	1344.8	2.11	2.10	2.13	-37.0	-45.0	-51.6	0.09		
11.0	9.81	1363.1	1354.8	1349.9	2.12	2.11	2.14	-37.7	-44.8	-50.9	0.08		
11.5	9.49	1368.0	1359.7	1354.8	2.13	2.12	2.14	-38.2	-44.2	-51.0	0.08		
12.0	9.14	1372.7	1364.4	1359.6	2.14	2.12	2.14	-38.6	-43.8	-52.9	0.09		
12.5	8.80	1377.3	1369.0	1364.2	2.15	2.14	2.15	-39.3	-43.5	-53.5	0.11		
13.0	8.48	1381.7	1373.4	1368.6	2.16	2.15	2.15	-40.2	-43.2	-52.7	0.12		
13.5	8.17	1385.9	1377.6	1372.9	2.17	2.15	2.16	-41.3	-42.6	-53.2	0.12		
14.0	8.17	1390.0	1381.7	1377.0	2.17	2.16	2.16	-42.2	-42.9	-53.4	0.13		

REV. X1
 ROS-1340-119+
 060910
 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

