

Typical Performance Data

FREQ (MHz)	INSERTION LOSS @ VDD=+4.75V, VEE =-4.75V OVER TEMPERATURE						FREQ (MHz)	ISOLATION @ VDD=+4.75V, VEE =-4.75V OVER TEMPERATURE											
	RF COM-RF1 (dB) STATE 2*			RF COM-RF2 (dB) STATE 1*				RF COM-RF1 (dB) STATE 1*			RF COM-RF2 (dB) STATE 2*			RF1-RF2 (dB) STATE 2*			RF1-RF2 (dB) STATE 1*		
	-55°C	+25°C	+100°C	-55°C	+25°C	+100°C		-55°C	+25°C	+100°C	-55°C	+25°C	+100°C	-55°C	+25°C	+100°C	-55°C	+25°C	+100°C
	10	0.45	0.38	0.38	0.46	0.37		0.38	10	84.85	80.89	93.64	72.71	74.57	74.21	70.46	74.44	69.86	74.95
20	0.50	0.41	0.41	0.50	0.40	0.40	20	90.14	86.82	84.45	82.68	82.07	80.58	82.33	81.87	86.19	84.25	93.85	87.85
30	0.51	0.42	0.42	0.52	0.41	0.41	30	85.33	84.71	89.89	81.56	80.79	87.02	88.97	85.37	92.70	82.80	94.95	94.33
40	0.53	0.43	0.43	0.53	0.42	0.42	40	79.47	77.46	83.93	80.04	79.01	77.47	82.02	90.10	90.24	88.01	86.46	97.91
50	0.53	0.44	0.43	0.54	0.43	0.42	50	78.86	80.15	81.35	77.30	80.88	80.67	83.03	92.20	92.62	85.35	84.42	95.74
60	0.53	0.44	0.43	0.54	0.43	0.42	60	76.79	77.49	78.48	74.82	77.38	76.50	82.79	85.10	85.33	87.76	85.09	99.20
70	0.54	0.44	0.43	0.55	0.44	0.42	70	74.64	76.94	77.00	74.00	75.85	76.89	79.47	90.10	94.78	81.74	91.46	97.02
80	0.54	0.44	0.43	0.55	0.44	0.42	80	74.62	75.41	77.73	72.58	74.57	76.25	79.90	87.24	93.17	80.29	85.89	90.22
90	0.54	0.45	0.43	0.55	0.44	0.42	90	72.74	74.26	75.90	72.34	75.03	73.63	78.52	86.32	96.90	84.10	83.95	94.77
100	0.54	0.45	0.44	0.55	0.44	0.42	100	72.00	72.92	74.35	71.18	73.00	75.58	78.92	86.52	91.63	81.25	87.97	93.79
500	0.58	0.50	0.49	0.58	0.48	0.45	500	61.78	62.67	63.14	61.00	62.39	63.13	75.26	89.96	76.79	80.70	79.12	74.18
1000	0.61	0.54	0.54	0.60	0.52	0.49	1000	56.06	58.13	58.27	56.62	58.00	58.24	65.12	64.42	62.52	61.84	63.04	61.57
1500	0.65	0.58	0.59	0.62	0.55	0.52	1500	53.26	54.59	54.52	53.32	54.62	54.44	56.18	56.59	55.44	55.27	56.37	55.37
2000	0.68	0.62	0.63	0.64	0.58	0.55	2000	50.15	52.33	52.05	50.10	52.26	51.93	50.05	51.07	50.18	49.46	50.82	50.06
2500	0.72	0.67	0.68	0.66	0.61	0.58	2500	46.95	50.08	49.59	47.06	50.05	49.52	45.50	46.68	45.93	45.04	46.53	45.86
3000	0.76	0.71	0.73	0.68	0.65	0.62	3000	43.73	47.57	46.94	44.08	47.48	46.76	41.93	43.22	42.49	41.51	43.08	42.44
3500	0.82	0.77	0.80	0.73	0.69	0.67	3500	40.83	44.83	44.09	41.43	44.86	44.02	39.01	40.30	39.59	38.59	40.14	39.49
4000	0.92	0.87	0.92	0.83	0.76	0.75	4000	38.40	42.09	41.21	39.00	42.18	41.24	36.48	37.68	36.95	36.03	37.51	36.84
4500	1.05	1.02	1.09	0.94	0.87	0.88	4500	36.59	39.46	38.56	36.90	39.80	38.82	34.26	35.29	34.59	33.89	35.18	34.51
5000	1.17	1.16	1.28	1.04	1.00	1.05	5000	35.19	37.46	36.57	35.19	37.88	36.94	32.29	33.17	32.51	31.84	32.96	32.33
5500	1.28	1.30	1.43	1.10	1.12	1.18	5500	33.57	35.34	34.52	33.67	36.21	35.29	30.41	31.15	30.53	29.80	30.81	30.23
6000	1.41	1.43	1.56	1.20	1.26	1.32	6000	32.09	33.84	33.07	32.83	34.85	33.89	28.36	28.94	28.36	27.65	28.49	27.93

STATE	TTL-IN	RF Com to RF1	RF Com to RF2
1	High	OFF	ON
2	Low	ON	OFF

Note: Test data of Die packaged in industry standard, 3x3mm, 12-lead MCLP package



Typical Performance Data

FREQ (MHz)	RETURN LOSS @ Vdd=+4.75V OVER TEMPERATURE																	
	RF COM (dB) STATE 2*			RF COM (dB) STATE 1*			RF1 (dB) STATE 2*			RF1 (dB) STATE 1*			RF2 (dB) STATE 2*			RF2 (dB) STATE 1*		
	-55°C	+25°C	+100°C	-55°C	+25°C	+100°C	-55°C	+25°C	+100°C	-55°C	+25°C	+100°C	-55°C	+25°C	+100°C	-55°C	+25°C	+100°C
	10	26.89	29.10	28.72	26.61	28.97	28.73	27.08	29.39	28.88	23.90	52.58	43.76	22.48	52.54	43.17	26.81	29.31
20	27.32	29.36	29.20	26.96	29.47	29.43	27.54	29.66	29.56	24.16	50.20	42.95	22.83	49.68	42.25	26.94	29.62	29.62
30	27.79	29.94	29.57	27.42	29.98	29.78	27.79	29.96	29.60	24.47	47.26	41.77	23.17	46.87	40.83	27.54	29.97	29.76
40	28.05	30.33	29.77	27.72	30.30	29.97	27.98	30.21	29.64	24.89	45.41	40.87	23.58	45.09	39.92	27.82	30.24	29.87
50	28.11	30.44	29.73	27.76	30.26	29.86	28.03	30.28	29.58	25.32	44.15	40.17	24.05	43.93	39.28	27.80	30.33	29.81
60	28.17	30.52	29.71	27.88	30.33	29.91	28.11	30.39	29.60	25.67	43.26	39.62	24.47	42.85	38.73	27.85	30.44	29.83
70	28.23	30.55	29.72	28.00	30.41	30.01	28.21	30.49	29.66	25.94	42.47	39.21	24.83	42.20	38.35	27.94	30.54	29.87
80	28.27	30.55	29.73	28.09	30.49	30.12	28.31	30.58	29.75	26.15	42.00	38.90	25.11	41.79	38.14	27.94	30.60	29.92
90	28.31	30.55	29.74	28.27	30.63	30.29	28.42	30.67	29.85	26.36	41.53	38.58	25.36	41.48	37.93	27.87	30.61	29.93
100	28.34	30.52	29.74	28.37	30.68	30.37	28.43	30.64	29.83	26.50	41.13	38.33	25.57	41.28	37.83	27.74	30.53	29.85
500	28.06	29.94	28.86	28.16	30.26	28.97	28.64	30.71	29.94	26.98	40.22	37.33	25.93	43.55	40.78	26.38	30.51	29.25
1000	27.77	29.12	28.10	28.38	28.84	27.77	28.46	30.19	29.18	25.90	39.21	36.78	27.47	38.56	35.23	25.67	30.71	30.08
1500	27.78	29.08	27.80	30.57	29.18	27.65	29.36	30.96	29.88	25.10	38.88	36.04	26.31	37.81	33.97	25.74	30.56	29.47
2000	29.12	30.70	28.85	31.03	30.45	28.90	30.49	32.05	30.56	25.25	38.51	35.34	25.56	42.52	36.78	26.15	31.65	29.41
2500	31.59	33.14	30.67	29.33	32.96	29.97	30.71	32.52	30.90	27.07	36.55	33.95	28.55	35.61	33.18	30.32	33.11	31.32
3000	31.71	31.75	29.62	28.13	32.46	30.37	32.17	33.22	31.12	30.26	30.31	29.35	29.27	30.71	29.42	49.73	30.92	28.61
3500	24.58	25.21	24.33	22.61	26.32	25.90	27.46	27.77	26.51	27.04	25.23	24.61	29.11	27.35	27.07	26.63	28.11	26.39
4000	19.14	19.53	18.75	17.62	20.34	19.61	20.63	20.79	19.90	21.45	21.37	20.72	23.52	21.89	21.30	18.23	21.20	20.53
4500	15.74	15.61	14.66	14.92	16.49	15.43	17.26	16.75	15.80	18.16	18.71	17.95	20.42	20.08	18.87	15.01	17.38	16.13
5000	14.44	13.88	12.79	14.07	14.35	13.18	15.82	14.82	13.75	16.46	16.99	16.18	18.71	18.19	16.99	14.63	15.40	14.01
5500	13.91	13.10	12.11	14.29	13.55	12.43	15.06	13.87	12.93	15.47	15.89	15.11	16.70	16.28	15.31	15.10	13.81	12.70
6000	13.11	12.49	11.91	13.44	12.43	11.80	14.50	13.55	12.98	14.52	15.23	14.63	14.68	14.82	13.97	15.35	12.88	12.12

\*Note:

STATE	TTL-IN	RF Com to RF1	RF Com to RF2
1	High	OFF	ON
2	Low	ON	OFF

Note: Test data of Die packaged in industry standard, 3x3mm, 12-lead MCLP package



Typical Performance Data

FREQ (MHz)	INSERTION LOSS @ VDD=+4.75V, VEE =-4.75V OVER TEMPERATURE						FREQ (MHz)	ISOLATION @ VDD=+5V, VEE =-5V OVER TEMPERATURE											
	RF COM-RF1 (dB)			RF COM-RF2 (dB)				RF COM-RF1 (dB)			RF COM-RF2 (dB)			RF1-RF2 (dB)			RF1-RF2 (dB)		
	STATE 2*			STATE 1*				STATE 1*			STATE 2*			STATE 2*			STATE 1*		
	-55°C	+25°C	+100°C	-55°C	+25°C	+100°C		-55°C	+25°C	+100°C	-55°C	+25°C	+100°C	-55°C	+25°C	+100°C	-55°C	+25°C	+100°C
10	0.45	0.38	0.38	0.47	0.37	0.38	10	87.16	86.55	87.77	74.56	72.62	78.76	69.72	71.60	74.06	70.07	69.68	73.31
20	0.50	0.41	0.41	0.51	0.40	0.40	20	80.21	92.15	81.08	84.42	81.00	94.33	80.11	80.16	83.76	80.87	96.15	85.04
30	0.51	0.42	0.42	0.53	0.41	0.41	30	83.36	84.15	81.52	82.81	82.82	87.38	84.46	86.70	90.06	86.67	96.85	92.20
40	0.52	0.43	0.43	0.54	0.42	0.42	40	79.74	80.45	86.38	82.32	78.60	87.11	85.25	88.19	88.28	85.14	86.97	91.22
50	0.53	0.44	0.43	0.54	0.43	0.42	50	78.32	79.40	79.79	77.80	78.83	78.53	83.64	90.11	87.81	82.38	97.35	89.24
60	0.53	0.44	0.43	0.55	0.43	0.42	60	76.33	77.84	76.78	75.46	79.60	79.80	80.57	87.51	96.37	87.80	85.93	97.99
70	0.54	0.44	0.43	0.55	0.44	0.42	70	75.35	77.80	76.44	76.19	76.56	78.66	80.44	91.41	99.19	83.32	97.63	90.18
80	0.54	0.44	0.43	0.55	0.44	0.42	80	74.67	74.89	77.97	72.25	75.55	76.08	82.37	82.84	95.87	81.29	95.33	111.43
90	0.54	0.45	0.44	0.55	0.44	0.42	90	73.98	73.89	76.18	72.41	74.80	76.53	81.90	90.78	93.94	81.70	95.39	99.50
100	0.54	0.45	0.44	0.56	0.44	0.42	100	72.40	75.22	75.71	71.50	74.49	75.45	81.10	90.15	104.58	80.68	92.37	105.58
500	0.58	0.50	0.49	0.58	0.49	0.46	500	62.23	62.65	63.32	61.06	62.71	63.28	76.25	82.94	76.34	78.62	76.63	73.72
1000	0.61	0.54	0.54	0.60	0.52	0.49	1000	56.15	58.15	58.32	56.77	58.09	58.20	65.99	64.11	62.37	60.86	62.55	61.56
1500	0.64	0.58	0.59	0.62	0.56	0.52	1500	52.91	54.61	54.42	53.76	54.59	54.41	56.99	56.52	55.44	54.63	56.25	55.29
2000	0.68	0.63	0.64	0.64	0.59	0.55	2000	49.77	52.31	52.10	50.79	52.31	51.93	50.75	51.09	50.18	49.04	50.80	50.06
2500	0.72	0.67	0.69	0.66	0.62	0.58	2500	46.53	50.20	49.63	48.05	50.18	49.61	46.22	46.79	45.98	44.73	46.60	45.91
3000	0.76	0.71	0.74	0.68	0.65	0.62	3000	43.34	47.64	46.95	45.16	47.61	46.80	42.62	43.31	42.54	41.23	43.13	42.46
3500	0.81	0.77	0.81	0.72	0.70	0.67	3500	40.44	44.97	44.13	42.57	45.08	44.09	39.75	40.44	39.64	38.37	40.23	39.50
4000	0.90	0.87	0.93	0.83	0.77	0.75	4000	38.02	42.24	41.30	40.12	42.39	41.34	37.16	37.81	37.02	35.80	37.58	36.89
4500	1.03	1.01	1.10	0.94	0.88	0.89	4500	36.20	39.59	38.62	38.03	39.99	38.94	34.94	35.44	34.65	33.66	35.29	34.55
5000	1.15	1.16	1.28	1.04	1.00	1.05	5000	34.83	37.59	36.63	36.39	38.12	37.04	32.88	33.32	32.59	31.62	33.06	32.38
5500	1.25	1.30	1.43	1.10	1.12	1.18	5500	33.20	35.48	34.58	34.86	36.41	35.40	31.00	31.30	30.60	29.59	30.89	30.28
6000	1.38	1.42	1.55	1.20	1.26	1.31	6000	31.72	33.94	33.14	33.79	35.12	34.00	28.96	29.11	28.44	27.47	28.59	27.97

STATE	TTL-IN	RF Com to RF1	RF Com to RF2
1	High	OFF	ON
2	Low	ON	OFF

Note: Test data of Die packaged in industry standard, 3x3mm, 12-lead MCLP package



Typical Performance Data

FREQ (MHz)	RETURN LOSS @ Vdd=+5V OVER TEMPERATURE																	
	RF COM (dB)			RF COM (dB)			RF1 (dB)			RF1 (dB)			RF2 (dB)			RF2 (dB)		
	STATE 2*			STATE 1*			STATE 2*			STATE 1*			STATE 2*			STATE 1*		
	-55°C	+25°C	+100°C	-55°C	+25°C	+100°C	-55°C	+25°C	+100°C	-55°C	+25°C	+100°C	-55°C	+25°C	+100°C	-55°C	+25°C	+100°C
10	27.02	29.12	28.78	26.45	28.96	28.75	27.22	29.38	28.96	23.59	49.19	43.72	26.92	48.44	43.13	26.64	29.30	29.00
20	27.26	29.36	29.06	26.80	29.47	29.37	27.49	29.67	29.42	23.89	47.84	42.87	27.13	47.31	42.08	26.80	29.61	29.54
30	27.78	29.94	29.48	27.23	29.99	29.75	27.77	29.96	29.51	24.24	45.62	41.75	27.38	45.25	40.70	27.36	29.99	29.73
40	28.11	30.33	29.71	27.50	30.29	29.94	28.01	30.22	29.60	24.69	44.10	40.83	27.67	43.84	39.80	27.61	30.25	29.85
50	28.25	30.44	29.73	27.52	30.24	29.87	28.11	30.29	29.60	25.11	43.01	40.12	27.96	42.82	39.11	27.58	30.34	29.82
60	28.34	30.53	29.76	27.62	30.32	29.92	28.25	30.41	29.64	25.47	42.15	39.60	28.22	41.96	38.57	27.64	30.46	29.85
70	28.40	30.57	29.77	27.73	30.40	30.02	28.36	30.52	29.71	25.73	41.55	39.16	28.44	41.36	38.19	27.69	30.56	29.89
80	28.42	30.57	29.76	27.82	30.47	30.12	28.47	30.62	29.79	25.95	41.09	38.85	28.60	40.97	37.95	27.69	30.62	29.93
90	28.43	30.56	29.76	27.99	30.61	30.29	28.56	30.69	29.85	26.13	40.68	38.54	28.74	40.68	37.80	27.62	30.63	29.94
100	28.42	30.53	29.74	28.09	30.65	30.37	28.55	30.64	29.82	26.26	40.36	38.30	28.83	40.53	37.70	27.52	30.53	29.85
500	28.18	29.95	28.82	28.01	30.27	28.96	28.84	30.78	29.97	26.70	39.66	37.36	28.51	40.94	40.79	26.09	30.65	29.27
1000	27.94	29.19	28.00	28.08	28.92	27.77	28.44	30.26	29.28	25.66	38.96	36.83	30.57	38.77	35.34	25.46	30.68	30.13
1500	27.86	29.17	27.82	30.21	29.24	27.69	29.64	31.00	30.07	24.88	38.80	36.21	28.95	38.61	34.21	25.59	30.69	29.58
2000	29.25	30.79	29.06	30.75	30.52	28.96	30.45	32.22	30.75	24.96	38.54	35.58	28.00	41.87	37.32	26.02	31.82	29.50
2500	31.99	33.36	31.15	29.22	33.22	30.19	30.24	32.60	30.86	26.76	36.44	34.14	32.04	35.74	33.31	30.22	33.07	31.40
3000	31.92	32.12	30.06	27.78	32.74	30.63	32.62	33.45	31.00	29.79	30.26	29.39	31.87	30.95	29.41	46.87	31.12	28.63
3500	24.84	25.45	24.34	22.40	26.51	25.98	27.47	28.02	26.39	26.79	25.23	24.64	30.06	27.11	27.00	26.51	28.28	26.38
4000	19.44	19.64	18.67	17.49	20.44	19.62	20.92	20.91	19.83	21.27	21.40	20.74	23.48	22.09	21.31	18.11	21.31	20.55
4500	15.90	15.70	14.62	14.78	16.57	15.44	17.39	16.83	15.77	18.03	18.74	17.99	20.58	20.25	18.93	14.91	17.48	16.15
5000	14.62	13.96	12.79	13.98	14.42	13.20	15.98	14.90	13.76	16.35	17.05	16.21	18.98	18.28	17.08	14.56	15.46	14.04
5500	14.08	13.20	12.19	14.21	13.62	12.47	15.23	13.96	13.01	15.37	15.96	15.16	16.94	16.44	15.40	15.05	13.88	12.74
6000	13.28	12.59	12.08	13.36	12.50	11.87	14.67	13.63	13.13	14.42	15.30	14.70	14.89	15.02	14.06	15.32	12.96	12.18

\*Note:

STATE	TTL-IN	RF Com to RF1	RF Com to RF2
1	High	OFF	ON
2	Low	ON	OFF

Note: Test data of Die packaged in industry standard, 3x3mm, 12-lead MCLP package



Typical Performance Data

FREQ (MHz)	INSERTION LOSS @ VDD=+4.75V, VEE =-4.75V OVER TEMPERATURE						FREQ (MHz)	ISOLATION @ VDD=+5.25V, VEE =-5.25V OVER TEMPERATURE											
	RF COM-RF1 (dB) STATE 2*			RF COM-RF2 (dB) STATE 1*				RF COM-RF1 (dB) STATE 1*			RF COM-RF2 (dB) STATE 2*			RF1-RF2 (dB) STATE 2*			RF1-RF2 (dB) STATE 1*		
	-55°C	+25°C	+100°C	-55°C	+25°C	+100°C		-55°C	+25°C	+100°C	-55°C	+25°C	+100°C	-55°C	+25°C	+100°C	-55°C	+25°C	+100°C
	10	0.45	0.38	0.39	0.46	0.37		0.38	10	79.84	83.82	96.31	74.48	73.85	73.48	71.28	70.28	71.53	73.17
20	0.49	0.41	0.42	0.50	0.40	0.41	20	87.56	85.41	91.92	81.32	81.52	92.37	78.71	81.66	78.10	78.61	91.37	93.01
30	0.51	0.42	0.43	0.52	0.41	0.41	30	80.77	84.50	81.46	83.38	84.16	80.64	82.99	83.35	93.60	82.84	86.12	87.20
40	0.52	0.43	0.43	0.53	0.42	0.42	40	79.04	78.82	82.90	79.98	85.73	81.84	90.84	93.04	92.84	81.59	84.81	86.80
50	0.53	0.44	0.44	0.54	0.43	0.42	50	78.15	78.03	83.28	78.43	80.81	80.94	89.64	101.41	87.18	78.78	93.98	95.12
60	0.53	0.44	0.44	0.54	0.43	0.42	60	76.27	80.78	78.85	76.51	77.86	77.51	83.84	99.69	95.95	80.17	93.01	89.94
70	0.54	0.44	0.44	0.55	0.43	0.43	70	76.20	76.91	77.93	75.16	78.12	78.94	80.68	90.55	101.29	77.66	95.55	93.36
80	0.54	0.44	0.44	0.55	0.43	0.43	80	74.82	75.72	76.75	74.88	75.60	76.29	85.11	87.17	91.24	76.77	89.43	88.29
90	0.54	0.44	0.44	0.55	0.44	0.43	90	74.14	74.87	75.87	73.46	75.04	76.71	83.94	91.95	105.15	75.82	99.75	96.61
100	0.54	0.45	0.44	0.55	0.44	0.43	100	72.32	74.37	75.62	72.48	75.65	75.24	81.26	90.05	94.09	76.22	91.01	101.23
500	0.58	0.50	0.50	0.58	0.48	0.46	500	62.51	62.79	63.25	61.35	62.79	63.41	79.82	80.04	74.96	74.73	75.85	73.36
1000	0.61	0.54	0.55	0.60	0.51	0.50	1000	56.03	58.16	58.39	57.03	57.97	58.13	65.90	63.63	62.20	59.95	62.48	61.43
1500	0.65	0.58	0.60	0.61	0.54	0.53	1500	52.29	54.49	54.48	53.91	54.55	54.40	57.07	56.47	55.42	53.74	56.22	55.26
2000	0.68	0.62	0.65	0.64	0.57	0.56	2000	49.10	52.37	52.08	51.10	52.33	51.95	51.06	51.03	50.18	48.33	50.78	50.03
2500	0.72	0.67	0.69	0.66	0.60	0.59	2500	45.72	50.14	49.68	48.50	50.20	49.59	46.52	46.78	46.02	44.13	46.58	45.91
3000	0.76	0.71	0.74	0.68	0.63	0.63	3000	42.57	47.71	47.02	45.70	47.66	46.83	42.99	43.34	42.57	40.62	43.15	42.48
3500	0.81	0.77	0.81	0.73	0.67	0.67	3500	39.66	44.99	44.15	43.17	45.11	44.13	40.12	40.45	39.68	37.80	40.22	39.55
4000	0.90	0.87	0.93	0.83	0.74	0.76	4000	37.26	42.29	41.33	40.74	42.43	41.38	37.53	37.85	37.05	35.22	37.63	36.93
4500	1.02	1.01	1.10	0.95	0.85	0.89	4500	35.45	39.64	38.70	38.65	40.04	38.98	35.30	35.46	34.69	33.14	35.29	34.60
5000	1.14	1.15	1.29	1.05	0.97	1.05	5000	34.09	37.66	36.73	37.01	38.21	37.10	33.23	33.35	32.63	31.09	33.07	32.42
5500	1.25	1.29	1.44	1.11	1.09	1.17	5500	32.50	35.52	34.67	35.51	36.45	35.45	31.36	31.34	30.64	29.14	30.93	30.29
6000	1.37	1.41	1.55	1.22	1.23	1.30	6000	31.04	34.03	33.17	34.50	35.19	34.07	29.32	29.15	28.47	27.03	28.61	27.98

STATE	TTL-IN	RF Com to RF1	RF Com to RF2
1	High	OFF	ON
2	Low	ON	OFF

Note: Test data of Die packaged in industry standard, 3x3mm, 12-lead MCLP package



Typical Performance Data

FREQ (MHz)	RETURN LOSS @ Vdd=+5.25V OVER TEMPERATURE																	
	RF COM (dB) STATE 2*			RF COM (dB) STATE 1*			RF1 (dB) STATE 2*			RF1 (dB) STATE 1*			RF2 (dB) STATE 2*			RF2 (dB) STATE 1*		
	-55°C	+25°C	+100°C	-55°C	+25°C	+100°C	-55°C	+25°C	+100°C	-55°C	+25°C	+100°C	-55°C	+25°C	+100°C	-55°C	+25°C	+100°C
	10	27.01	29.11	28.80	26.59	28.98	28.75	27.21	29.35	29.03	19.83	48.20	43.56	29.76	47.69	43.23	26.78	29.31
20	27.29	29.39	29.03	26.96	29.50	29.23	27.50	29.71	29.37	20.27	46.88	42.76	29.92	46.54	42.17	26.95	29.65	29.35
30	27.79	29.96	29.45	27.38	30.02	29.65	27.77	29.99	29.47	20.68	44.97	41.53	30.13	44.63	40.82	27.49	30.02	29.60
40	28.11	30.33	29.72	27.66	30.33	29.88	27.99	30.23	29.60	21.27	43.62	40.58	30.38	43.27	39.89	27.74	30.28	29.78
50	28.23	30.45	29.76	27.68	30.29	29.83	28.09	30.29	29.61	21.91	42.68	39.95	30.58	42.31	39.19	27.72	30.34	29.80
60	28.33	30.53	29.78	27.77	30.36	29.89	28.21	30.41	29.67	22.48	41.88	39.40	30.81	41.49	38.64	27.77	30.44	29.87
70	28.39	30.57	29.80	27.88	30.46	29.99	28.32	30.51	29.74	22.84	41.23	39.02	30.96	40.91	38.27	27.83	30.53	29.94
80	28.41	30.57	29.79	27.98	30.55	30.09	28.44	30.60	29.81	23.19	40.83	38.71	31.07	40.56	38.02	27.83	30.60	29.97
90	28.41	30.56	29.78	28.14	30.71	30.24	28.54	30.68	29.87	23.48	40.41	38.42	31.15	40.32	37.88	27.77	30.61	29.97
100	28.41	30.53	29.75	28.24	30.77	30.30	28.53	30.65	29.83	23.68	40.07	38.20	31.20	40.15	37.77	27.64	30.52	29.87
500	28.18	29.99	28.86	28.16	30.25	29.02	28.88	30.78	29.98	24.67	39.43	37.46	30.45	42.30	41.11	26.21	30.39	29.11
1000	27.99	29.22	28.03	28.17	28.91	27.80	28.45	30.30	29.30	23.85	38.86	36.64	32.92	38.00	35.54	25.55	30.95	30.03
1500	27.95	29.25	27.85	30.31	29.33	27.90	29.70	31.13	30.06	23.37	38.88	36.05	30.79	37.81	34.46	25.72	30.60	29.59
2000	29.33	30.94	29.11	31.09	30.63	29.24	30.43	32.21	30.72	23.35	38.73	35.51	29.74	43.37	37.76	26.25	31.61	29.55
2500	31.99	33.48	31.26	29.50	33.12	30.52	30.14	32.58	30.87	24.98	36.45	34.32	34.68	35.49	33.54	30.69	33.38	31.75
3000	32.20	32.30	30.17	27.91	32.95	30.40	32.55	33.56	31.05	27.58	30.19	29.56	33.00	30.66	29.47	46.39	31.11	28.91
3500	25.14	25.57	24.39	22.35	26.61	25.36	27.80	28.20	26.45	26.38	25.20	24.72	30.05	27.35	26.96	26.21	28.30	26.22
4000	19.64	19.75	18.71	17.40	20.51	19.29	21.13	21.01	19.88	21.19	21.42	20.79	23.32	21.93	21.30	17.98	21.36	20.21
4500	16.05	15.76	14.65	14.70	16.61	15.40	17.54	16.91	15.80	17.92	18.78	18.01	20.66	20.19	18.95	14.83	17.43	16.08
5000	14.75	14.01	12.83	13.90	14.45	13.34	16.10	14.96	13.80	16.21	17.08	16.22	19.08	18.35	17.14	14.50	15.48	14.20
5500	14.22	13.25	12.23	14.12	13.65	12.72	15.35	14.00	13.05	15.23	15.98	15.15	17.06	16.43	15.48	15.01	13.87	13.02
6000	13.42	12.64	12.13	13.28	12.51	12.06	14.79	13.68	13.18	14.31	15.33	14.67	14.99	14.95	14.16	15.27	12.92	12.44

\*Note:

STATE	TTL-IN	RF Com to RF1	RF Com to RF2
1	High	OFF	ON
2	Low	ON	OFF

Note: Test data of Die packaged in industry standard, 3x3mm, 12-lead MCLP package

