

LP1500_2.S2P

! PRELIMINARY LP1500 S-PARAMETER DATA

! NOTE: THIS DATA DOES NOT INCLUDE BOND WIRE EFFECTS

! 3/1/97 VDS=7.0V VGS=-0.5V ID=260mA IDSS=485mA typ.

GHZ S MA R 50

.100	.686	-16.7	19.278	170.9	.012	10.5	.082	-116.1
.300	.729	-49.6	18.026	156.9	.017	29.1	.139	-124.4
.500	.777	-75.6	16.189	144.2	.023	31.4	.195	-128.5
.700	.812	-94.6	14.194	133.9	.027	28.4	.240	-135.3
.900	.839	-108.9	12.412	125.9	.031	25.8	.271	-141.2
1.100	.857	-119.4	10.920	119.4	.032	21.6	.294	-145.3
1.300	.872	-127.6	9.649	114.3	.034	20.2	.308	-148.3
1.500	.881	-134.0	8.593	110.2	.035	17.1	.321	-151.0
1.700	.889	-139.0	7.765	106.8	.035	15.7	.331	-153.2
1.900	.896	-143.2	7.090	103.7	.036	13.8	.336	-155.0
2.100	.900	-146.7	6.487	101.0	.036	12.8	.341	-156.4
2.300	.905	-149.7	5.996	98.5	.037	12.1	.345	-157.6
2.500	.906	-152.2	5.553	96.4	.037	10.4	.349	-158.5
2.700	.905	-154.6	5.163	94.4	.036	9.5	.349	-158.8
2.900	.909	-156.2	4.833	92.5	.037	9.2	.355	-159.1
3.100	.911	-158.1	4.522	90.6	.037	7.9	.358	-159.7
3.300	.908	-159.9	4.254	89.0	.037	6.8	.360	-160.0
3.500	.905	-161.2	4.017	87.6	.037	6.7	.362	-160.5
3.700	.905	-162.1	3.797	86.0	.036	6.8	.362	-160.8
3.900	.901	-163.2	3.603	84.8	.036	6.1	.363	-160.4
4.100	.902	-164.1	3.433	83.5	.036	7.4	.365	-160.1
4.300	.901	-164.8	3.271	82.5	.037	6.4	.368	-159.7
4.500	.905	-165.5	3.129	81.1	.037	5.3	.373	-159.6
4.700	.906	-166.3	2.999	79.9	.038	4.8	.378	-159.6
4.900	.906	-167.0	2.882	78.7	.038	4.6	.380	-159.6
5.100	.908	-167.5	2.768	77.7	.039	3.4	.385	-159.7
5.300	.907	-168.2	2.665	76.6	.038	4.4	.387	-159.7
5.500	.909	-168.8	2.565	75.5	.038	3.1	.389	-159.9
5.700	.910	-169.5	2.477	74.4	.037	1.6	.392	-159.7
5.900	.907	-170.0	2.392	73.3	.037	1.0	.395	-159.7
6.100	.909	-170.6	2.309	72.2	.037	1.9	.399	-159.7
6.300	.906	-171.0	2.228	71.2	.038	.3	.401	-159.6
6.500	.907	-171.6	2.153	70.2	.037	.9	.404	-159.4
6.700	.903	-171.9	2.085	69.2	.038	1.0	.408	-159.2
6.900	.905	-172.4	2.025	68.3	.037	1.0	.411	-159.4
7.100	.903	-172.3	1.958	67.5	.037	-.7	.414	-159.3
7.300	.901	-172.9	1.907	66.5	.037	.3	.418	-159.4
7.500	.907	-172.9	1.841	65.7	.036	.7	.419	-159.0
7.700	.905	-173.3	1.807	64.8	.037	-1.2	.423	-159.4
7.900	.906	-173.4	1.752	63.9	.036	-.4	.424	-158.9
8.100	.907	-174.0	1.711	62.9	.037	-1.5	.429	-159.2
8.300	.907	-174.4	1.667	62.2	.036	-1.5	.431	-158.9
8.500	.905	-174.7	1.631	61.2	.037	-2.3	.435	-159.0
8.700	.909	-175.0	1.586	60.6	.035	-3.4	.438	-158.9
8.900	.905	-175.1	1.542	59.7	.036	-2.8	.442	-159.0
9.100	.907	-175.5	1.509	58.8	.036	-2.6	.443	-159.1
9.300	.908	-175.7	1.476	58.0	.035	-4.0	.448	-159.0
9.500	.905	-176.2	1.445	57.1	.035	-4.3	.449	-159.1
9.700	.902	-176.2	1.413	56.3	.036	-4.8	.455	-159.2
9.900	.903	-176.5	1.373	55.3	.036	-3.8	.458	-159.1
10.100	.902	-176.4	1.352	54.5	.036	-5.2	.458	-159.0
10.300	.900	-176.9	1.320	53.5	.036	-3.9	.462	-159.1
10.500	.902	-176.9	1.295	52.9	.034	-5.3	.465	-159.1
10.700	.903	-177.3	1.258	52.0	.035	-5.8	.467	-159.1
10.900	.905	-177.5	1.243	51.6	.035	-6.0	.472	-159.0
11.100	.901	-177.5	1.207	50.6	.034	-6.0	.476	-159.1
11.300	.900	-177.8	1.188	50.3	.036	-6.9	.476	-159.1
11.500	.901	-178.0	1.160	49.1	.034	-4.7	.481	-159.1
11.700	.904	-178.3	1.143	48.1	.033	-7.1	.484	-159.3
11.900	.900	-178.7	1.125	47.7	.035	-8.8	.486	-159.5
12.100	.900	-178.4	1.099	46.8	.034	-7.5	.490	-159.4
12.300	.902	-178.9	1.089	45.7	.033	-6.8	.491	-159.5
12.500	.898	-179.1	1.068	45.1	.035	-8.1	.497	-159.7
12.700	.898	-178.9	1.042	44.6	.035	-9.0	.499	-159.9

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12.900	.898	-179.4	1.028	43.4	.034	-11.6	.502	-159.8
13.100	.896	-179.6	1.009	42.3	.033	-9.4	.504	-159.9
13.300	.897	-179.8	.992	41.9	.032	-10.6	.507	-160.0
13.500	.899	-179.8	.966	41.0	.033	-10.4	.510	-160.0
13.700	.893	179.9	.957	40.0	.030	-8.2	.515	-160.1
13.900	.894	179.8	.934	39.3	.033	-9.8	.512	-160.4
14.100	.893	179.9	.926	39.0	.031	-5.2	.521	-160.3
14.300	.892	179.7	.909	38.4	.031	-8.4	.519	-160.8
14.500	.888	179.7	.894	37.7	.030	-11.9	.524	-160.4
14.700	.891	179.5	.877	36.9	.031	-8.7	.528	-160.6
14.900	.895	179.2	.863	36.7	.030	-9.1	.529	-160.6
15.100	.895	179.1	.850	35.2	.032	-11.8	.532	-161.0
15.300	.894	179.2	.824	34.4	.028	-7.2	.534	-161.0
15.500	.894	179.1	.822	33.8	.031	-9.2	.540	-161.1
15.700	.894	179.0	.805	32.6	.028	-9.3	.538	-161.4
15.900	.883	178.3	.808	32.7	.029	-13.5	.542	-161.4
16.100	.890	178.7	.786	31.6	.028	-10.1	.542	-161.5
16.300	.890	178.3	.763	31.2	.025	-11.7	.547	-161.8
16.500	.894	178.3	.752	30.5	.026	-8.6	.548	-162.3
16.700	.886	178.1	.747	29.3	.028	-6.5	.555	-162.1
16.900	.890	178.3	.743	29.5	.027	-7.1	.557	-162.3
17.100	.888	178.1	.718	28.5	.029	-9.6	.558	-162.4
17.300	.883	177.9	.714	27.6	.025	-2.4	.561	-162.5
17.500	.886	177.3	.701	27.1	.025	-4.7	.563	-162.6
17.700	.888	177.5	.685	26.7	.027	-9.1	.564	-162.5
17.900	.876	177.3	.676	25.2	.025	-8.2	.569	-163.0
18.100	.884	177.3	.674	25.4	.025	-9.2	.572	-163.1
18.300	.894	177.7	.661	24.9	.025	-3.5	.575	-163.8
18.500	.890	177.0	.649	22.6	.025	-10.6	.578	-163.1
18.700	.885	177.1	.637	22.7	.026	-1.1	.576	-163.7
18.900	.885	177.8	.625	21.6	.020	-3.8	.582	-164.0
19.100	.882	177.4	.619	23.2	.023	-5.7	.579	-163.4
19.300	.882	177.3	.606	21.5	.024	-4.2	.581	-163.7
19.500	.882	176.4	.610	21.2	.024	-1.0	.583	-164.1
19.700	.884	176.8	.606	20.6	.021	2.9	.590	-164.3
19.900	.887	176.0	.590	19.5	.023	-5.4	.592	-164.7
20.100	.879	175.9	.596	20.3	.024	2.3	.587	-165.0
20.300	.882	176.1	.577	18.2	.024	7.5	.591	-164.6
20.500	.885	176.1	.572	19.0	.023	-1.0	.597	-165.5
20.700	.882	175.8	.539	17.6	.021	14.5	.598	-165.7
20.900	.876	176.1	.573	16.2	.020	3.6	.595	-166.1
21.100	.882	177.5	.547	16.2	.023	- .9	.601	-165.9
21.300	.892	175.6	.542	13.4	.017	8.2	.606	-165.5
21.500	.875	175.7	.536	14.0	.020	10.5	.597	-166.2
21.700	.876	174.6	.514	15.0	.017	-3.3	.596	-166.1
21.900	.880	175.1	.502	12.7	.018	15.9	.603	-166.0
22.100	.863	175.3	.507	12.0	.017	30.9	.605	-166.3
22.300	.878	175.4	.495	13.2	.019	25.2	.612	-166.3
22.500	.885	175.6	.503	12.9	.016	14.1	.610	-166.8
22.700	.881	174.5	.489	11.9	.024	23.7	.608	-167.1
22.900	.874	175.9	.477	11.4	.018	29.3	.614	-166.2
23.100	.886	175.2	.489	11.6	.022	23.1	.621	-166.9
23.300	.876	175.0	.479	12.0	.018	24.8	.621	-167.0
23.500	.877	174.9	.479	11.2	.025	23.9	.623	-167.4
23.700	.887	174.6	.456	10.4	.025	16.8	.626	-168.3
23.900	.876	174.5	.473	9.1	.026	22.2	.627	-168.8
24.100	.882	175.2	.443	9.0	.022	27.5	.637	-168.1
24.300	.875	174.7	.423	9.6	.026	33.5	.632	-168.3
24.500	.881	175.4	.425	5.3	.031	19.0	.638	-168.8
24.700	.872	175.0	.416	6.5	.027	40.6	.635	-169.0
24.900	.896	174.1	.469	7.4	.022	30.3	.646	-168.5
25.100	.895	174.6	.425	9.3	.027	22.9	.644	-168.8
25.300	.878	174.3	.421	11.3	.028	33.5	.642	-168.3
25.500	.878	174.6	.411	4.6	.027	39.1	.654	-169.0
25.700	.887	172.4	.409	5.6	.027	40.3	.654	-169.7
25.900	.886	174.7	.404	3.7	.030	45.3	.654	-170.0
26.100	.882	174.2	.414	3.6	.032	28.0	.659	-171.0