

# CARRIER TAPE Information of Memory Product

Mar.2007

Type	CARRIER TAPE									Q'ty
	WIDTH				HEIGHT				WXP	
	PKG	A0	PKG	B0	PKG	K0	PKG	K1		
20/26SOJ300	8.43	9.30	17.10	17.75	3.40	4.00			24*12	1000
28SOJ300	8.50	9.30	18.40	18.80	3.58	4.00			24*12	1000
28SOJ400	11.17	11.90	18.42	18.90	3.56	3.90			24*16	1000
32SOJ300	8.48	9.00	20.80	21.70	3.25	4.30	2.24	3.00	32*16	1000
32SOJ400	11.17	11.60	20.96	21.60	3.56	4.00			32*16	1000
36SOJ400	11.17	11.70	23.50	24.00	3.50	3.90			44*16	1000
40SOJ400	11.17	11.70	26.04	26.75	3.43	4.40			44*16	1000
42SOJ400	11.17	11.70	27.30	27.80	3.43	3.90			44*16	1000
44SOJ400	11.17	11.70	28.58	29.20	3.43	4.30	2.67	3.00	44*16	1000
28SOP450	11.80	12.50	18.30	18.70	2.74	3.40	2.60	2.80	24*16	1000
32SOP525	14.48	14.70	20.50	20.90	3.00	3.40	2.74	3.00	32*16	1000
40SOP525	14.13	14.70	25.65	26.20	2.80	3.50	2.40	2.70	44*24	700
44SOP600	16.04	16.60	28.50	28.90	3.10	3.80	2.80	3.00	44*24	700
70SSOP	15.90	16.60	28.60	28.90	3.10	3.80	2.70	3.00	700	
64SSOP	13.43	14.00	26.03	26.60	3.00	3.50	2.70	3.00	44x16	1000
28TSOP1 0813.4	8.00	8.70	13.40	13.90	1.20	2.10	1.00	1.30	24*12	1000
32TSOP1 0820	8.00	8.60	20.00	20.60	1.20	2.10	1.00	1.28	32*16	1000
20/26TSOP2 300	9.22	9.70	17.14	17.70	1.27	1.60	1.00		24*12	1000
28/44(40) TSOP2 400	11.76	12.40	18.41	19.00	1.20	2.10	1.00	1.30	32*16	1000
32/50(44) TSOP2 400	11.76	12.30	20.95	21.60	1.20	1.80	1.00	1.10	32*16	1000
70(64)TSOP2 400	11.76	12.30	23.49	24.00	1.20	1.80	1.00	1.10	44*16	1000
28TSOP2 300	9.22	9.70	18.41	19.10	1.20	1.80	1.00	1.30	32*16	1000
48TSSOP	8.10	8.60	12.60	13.20	1.10	1.60	1.00	1.20	24*12	1000
48TSOP1 1217	12.00	12.50	17.00	17.50		1.80		1.30	32*16	1000
48TSOP1 1218	12.00	12.60	18.00	18.50	1.20	2.00	1.00	1.40	24*16	1000
48TSOP1 1220	12.00	12.60	20.00	20.60	1.20	1.70	1.00	1.40	32*16	1000
48TSOP1 1014	10.00	10.40	14.00	14.50	1.00	1.90	1.00	1.40	24*12	1000
54LSSOP	11.76	12.30	22.22	22.60	1.60	2.30	1.40	1.80	44*16	1000
54TSOP 400	11.76	12.20	22.22	22.70	1.20	2.10	1.00	1.50	44*16	2000
48TSOP 550	15.57		19.68		1.10	1.00			32*24	1000
32SHP 1125	13.00	13.50	25.00	25.50	1.70	2.20	1.25	1.45	44*16	1000
52PLCC	20.06	20.50	20.06	20.60	4.57	5.30		4.20	32*24	500
44PLCC	17.53	18.00	17.53	18.00	4.34	4.90			32*24	500
100QFP 1420G	17.20	17.70	23.20	23.70	3.00	3.50	2.65	2.90	44*24	500
120QFP 1420H	16.00	16.50	22.00	22.50	2.40	3.00	2.10	2.40	44*24	500
100TQFP 1420K	16.00	16.50	22.00	22.50	1.60	2.50	1.40	1.80	44*24	800
		16.50		22.50		2.30		1.70		800
100TQFP 1420 1.0T	17.20	17.80	23.20	23.80	1.27	2.10	1.05	1.40	44*24	800
100TQFP 1420B 1.0T	17.20	18.20	23.20	24.20	1.20	1.65	1.00		44*24	800
100TQFP 1414	16.00	17.00	16.00	17.00	1.20	1.85	1.00	1.15	32*24	1000
100LQFP 1420	16.00	17.20	22.00	23.20	1.60	2.05	1.40	1.60	44*24	800
BCC7.0*7.0	7.00	7.40	7.00	7.40	1.60	0.80	1.10	0.73	16*12	2000
44FBGA8.0*9.0	8.00	8.40	9.00	9.40		1.40		0.90	16*12	2000
44FBGA7.5*8.5	7.50	7.90	8.50	8.90		1.50		1.00	24*12	2000
44FBGA8.0*11.0	8.00	8.40	11.00	11.40		1.80		1.30	24*12	2000
44FBGA7.5*5.0	5.00	5.40	7.00	7.90		1.40		1.00	16*8	2000
48FBGA8.0*12.0	8.00	8.40	12.00	12.40		1.80		1.15	24*12	2000
44TBGA8.0*6.5	8.00	8.30	6.50	6.80		1.60		1.10	16*12	2000
48/36FBGA6.1*8.5	6.10	6.50	8.50	8.90		1.70		1.20	16*12	2000
48FBGA6.5*8.5	6.50	6.90	8.50	8.90		1.70		1.20	16*12	2000
48FBGA6.0*7.0	6.00	6.40	7.00	7.40	0.90	1.60	0.55	1.10	16*12	3000
54FBGA11.5*10.0	11.50	11.90	10.00	10.40		1.70		1.10	24*16	2000
63FBGA9.5*12.0	9.50	9.90	12.00	12.40		1.40		0.90	24*12	2000
63FBGA8.5*13.0	8.50	8.90	13.00	13.40		1.50		1.00	24*12	2000
63FBGA8.5*13.5	8.50	8.90	13.50	13.90		1.60		1.10	24*12	2000
64FBGA9.0*11.0	9.00	9.40	11.00	11.40		1.50		1.10	24*12	2000
67FBGA7.0*9.0	7.00	7.40	9.00	9.40		1.60		1.40	16*12	2000
89FBGA8.0*11.0	8.00	8.40	11.00	11.40		1.60		1.10	24*12	2000
89FBGA8.0*13.0	8.00	8.40	13.00	13.40		1.80		1.20	24*12	2000
104FBGA14.0*14.5	14.00	14.30	14.50	14.80		1.55		0.90	24*16	2000
BGA1422(153/119)	14.00	14.50	22.00	22.50		3.60		2.50	44*24	500
						3.10		2.00	44*16	
111TBGA10.0*11.0	10.00	10.40	11.00	11.40		1.95		1.40	24*16	2000
62UBGA13.15*11.5	13.15	13.55	11.50	11.90		2.30		1.50	24*16	2000
90FBGA11.0*13.0	11.00	11.40	13.00	13.40		1.80		1.30	24*16	2000
90FBGA8.0*13.0	8.00	8.40	13.00	13.40		1.40			23*12	2000
103FBGA10.0*13.0	10.00	10.40	13.00	13.40		1.90		1.40	24*16	2000
107FBGA10.5*13.0	10.50	10.90	13.00	13.40		1.85		1.35	24*16	2000
107FBGA10.5*16.0	10.50	10.90	16.00	16.40		1.85		1.35	24*16	2000
115FBGA8.0*12.0	8.00	8.40	12.00	12.40		1.85		1.35	24*12	2000
121FBGA10.0*13.0	10.00	10.40	13.00	13.40		1.85		1.35	24*12	2000
121FBGA10.0*10.0	10.00	10.40	10.00	10.40		1.60		1.10	16*12	2000
121FBGA11.0*10.0	10.00	10.40	11.00	11.40		1.85		1.35	24*12	2000
121FBGA11.5*13.0	11.50	11.90	13.00	13.40		1.85		1.30	24*16	2000
137FBGA10.5*13.0	10.50	10.90	13.00	13.40		1.85		1.35	24*16	2000
137FBGA11.5*13.0	11.50	11.90	13.00	13.40		1.60		1.10	24*16	2000
137FBGA12.0*14.0	12.00	12.40	14.00	14.40		1.85		1.35	24*16	3000
144FBGA12.0*12.0	12.00	12.40	12.00	12.40		1.95		1.45	24*16	2000
144FBGA13.0*13.0	13.00	13.40	13.00	13.40		1.80		1.30	24*16	2000
149FBGA10.0*13.5	10.00	10.40	13.50	13.90		1.80		1.40	24*12	2000
151FBGA14.0*14.0	14.00	14.40	14.00	14.40		1.95		1.30	24*16	2000
165FBGA13.0*15.0	13.00	13.40	15.00	15.40		1.65		1.35	24*16	2000
165FBGA15.0*17.0	15.00	15.40	17.00	17.40		2.00		1.40	24*20	1000
167FBGA10.5*14.0	10.50	10.90	14.00	14.40		1.90		1.40	24*12	2000
169FBGA12.0*16.0	12.00	12.40	16.00	16.40		1.80		1.30	24*16	2000
72UBGA13.15*12.6	13.15	13.55	12.60	13.00		1.50		1.00	24*16	2000
66/69TBGA8.0*11.0	8.00	8.40	11.00	11.40		1.65		1.13	24*12	2000
69TBGA8.0*11.6	8.00	8.40	11.60	12.00		1.90		1.40	24*12	2000
48UBGA9.7*9.7	9.70	10.10	9.70	10.10		1.60		1.10	24*12	2000
63TBGA8.5*15.0	8.50	8.90	15.00	15.40		1.50		1.00	24*12	3000
63TBGA9.0*11.0	9.00	9.40	11.00	11.40		1.50		0.90	24*16	2000
48TBGA6.0*9.0	6.00	6.40	9.00	9.40		1.50		1.00	16*12	2000
48TBGA7.0*9.0	7.00	7.40	9.00	9.40		1.50		0.90	16*12	2000
48TBGA10.0*11.0	10.00	10.40	11.00	11.40		1.60		1.20	24*16	2000
48TBGA10.0*8.0	10.00	10.40	8.00	8.40		1.80		1.15	24*16	2000
48TBGA7.5*9.5	7.50	7.90	9.50	9.90		1.50		0.90	24*12	2000
48TBGA10.0*9.0	10.00	10.40	9.00	9.40		1.60		1.10	24*16	2000
48TBGA7.0*7.0	7.00	7.40	7.00	7.40		1.70		1.20	16*12	2000
48WSOP 1217	12.00	12.50	17.00	17.50		1.60		1.10	32*16	2000
54LSSOP400	11.80	12.30	22.10	22.60		2.30		1.80	44*16	1000
54SOP400	11.76	12.30	11.60	11.90	1.10	1.80	1.00	1.30	24*16	2000
54SOP2/300	9.22	9.60	14.22	14.80	1.10	1.80	1.00	1.30	24*12	2000
54TBGA9.5*15.5	9.50	9.90	15.50	15.90		1.60		1.10	24*12	2000
55TBGA7.5*12.0	7.50	7.90	12.00	12.40		1.40		0.90	24*12	2000
80TBGA8.0*13.0	8.00	8.40	13.00	13.40		1.85		1.35	24*12	2000
127TBGA10.5*12.0	10.50	10.90	12.00	12.40		1.90		1.40	24*16	1000
54WBGA8.0*8.0	8.00	8.30	8.00	8.30		1.43		0.93	16*12	2000
54WBGA8.1*15.1	8.10	8.50	15.10	15.50		1.43		0.93	24*12	2000

54WBGA12.0*11.8	12.00	12.40	11.80	12.20	1.10	2.00	0.63	1.60	24*24	1000
54WBGA11.0*8.0	11.00	11.40	8.00	8.40		1.70		1.10	24*16	2000
54/60WBGA8.1*9.3	8.10	8.50	9.30	9.70		1.60		1.00	16*12	2000
60WBGA8.5*9.3	8.50	8.90	9.30	9.70		1.43		0.93	16*12	2000
60WBGA6.5*8.0	6.50	6.90	8.00	8.40		1.50		1.00	16*12	2000
72WBGA11.5*8.0	11.50	11.90	8.00	8.40		1.50		1.10	24*16	2000
92WBGA9.3*15.1	9.30	9.70	15.10	15.50		1.35		0.75	24*12	2000
60MWBGA8.0*14.0	8.00	8.40	14.00	14.40		1.60		1.15	24*12	2000
48FBGA9.0*9.0	9.00	9.40	9.00	9.40		1.60		1.10	16*12	2000
48UBGA6X8	6.00	6.30	8.00	8.30	0.805	1.18	0.555	0.71	16*8	2000
48UBGA6.2X13.75	6.20	6.50	13.75	14.05	0.805	1.27	0.555	0.71	24*8	2000
48UBGA4.2X11.65	7.20	7.50	11.65	11.95	0.805	1.27	0.555	0.71	24*12	2000
44UBGA5.55X9.1	5.55	5.95	9.10	9.50	0.930	1.50	0.680	1.00	24*8	2000
44UBGA7.75X14.35	7.75	8.05	14.35	14.65	0.805	1.50	0.555	0.90	24*12	2000
74UBGA7.6*12.6	7.60	8.00	12.60	13.00	0.930	1.50	0.680	1.00	24*12	2000
52UBGA(64M SYNC)	6.60	7.00	11.00	11.40	0.930	1.50	0.680	1.00	24*12	2000
52UBGA6.6*11.0	6.60	7.00	11.00	11.40		1.50		1.00	24*12	2000
48UBGA(4M TFT)	6.10	6.50	8.90	9.30	0.930	1.50	0.680	1.00	16*8	2000
48UBGA(4MFC SH)	8.20		8.70		0.930		0.680		16*12	2000
48UBGA(64M PAGE)	9.70		9.70		0.930		0.680		24*12	2000
1222BGA119(153)	14.00	14.40	22.00	22.50	2.1+0.3	3.00	1.5+2	2.00	44*24	800
48FBGA6.0*7.0	6.00	6.40	7.00	7.40		1.60		1.10	16*8	2000
48FBGA6.0*8.0	6.00	6.30	8.00	8.30		1.50		1.00	16*8	2000
62UBGA13.15*11.5		13.55		12.00		1.50		1.00	16*24	2000
54BOC8.0*11.0	8.00	8.40	11.00	11.40		1.80		1.20	24*12	2000
60BOC10.0*11.0	10.00	10.40	11.00	11.40		1.50		1.10	24*12	2000
60BOC10.0*12.0	10.00	10.40	12.00	12.40		1.50		1.10	24*12	2000
84BOC11.0*13.0	11.00	11.40	13.00	13.40		1.60		1.10	24*16	2000
136BOC11.0*14.0	11.00	11.40	14.00	14.40		1.80		0.85	24*16	2000
60WLP9.45*10.33	9.45	9.85	10.33	10.73		1.30		0.80	16*16	2000
52ULGA12.0*17.0	12.00	12.40	17.00	17.40		1.00			24*16	2000
11COB 10.3X13.75	10.3	10.7	13.75	14.05	1.5	1.15			24*16	2000
60WLP 9.45X10.33	9.45	9.85	10.33	10.73	1.3	0.8			16*16	2000