

PROJECT LIST FOR CHANNEL SYSTEMS WORLDWIDE

(Semiconductor and Pharmaceutical Cleanroom)

NO	PROJECTS	AREA	COUNTRY	COMPLETED
1	Chartered Semiconductor Mfg. Fab2	5,000	Singapore	1995
2	Seagate Record Media Group Cell 1	1,500	Singapore	1996
3	Seagate Well Grow	3,000	Thailand	1996
4	Seagate Well Grow	3,000	Thailand	1996
5	Chartered Semiconductor Mfg. Fab3	3,000	Singapore	1997
6	Seagate Record Media Group Cell 1	15,000	Singapore	1997
7	Seagate Record Media Group Cell 3	2,000	Singapore	1997
8	National Semiconductor	7,000	Malaysia	1998
9	National Semiconductor	6,000	Malaysia	1998
10	Seagate Cebu	10,000	Philippines	1998
11	Seagate Cebu	11,000	Philippines	1998
12	Seagate Record Media Group Cell 3	1,500	Singapore	1998
13	Silicon Mfg. Partners Ltd.	2,500	Singapore	1998
14	Bukit Batok ITE	1,000	Singapore	1999
15	Chartered Silicon Partners Data Centre	800	Singapore	1999
16	IME	800	Singapore	1999
17	IME	800	Singapore	1999
18	MOE Building 3,6,9	5,000	Singapore	1999
19	Seagate Prai	900	Malaysia	1999
20	Seagate Record Media Group Cell 2	1,000	Singapore	1999
21	Texas Instrument	3,000	Philippines	1999



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NO	PROJECTS	AREA	COUNTRY	COMPLETED
22	Advance Interconnector Tech	1,000	Hong Kong	2000
23	AMD	3,000	China	2000
24	AMD	2,500	China	2000
25	Chartered Silicon Partners	1,500	Singapore	2000
26	CSM Fab 7	10,000	Singapore	2000
27	Dupont Photomask	2,000	Singapore	2000
28	Engtex, Inc	1,500	Philippines	2000
29	EPCOS Kallang 1 st Sty	900	Singapore	2000
30	EPCOS Tuas 3 rd Sty	600	Singapore	2000
31	Epson	300	Singapore	2000
32	IBM Technology	1,500	China	2000
33	IBM Technology Product	1,500	China	2000
34	Intel	3,000	Philippines	2000
35	Intel	3,500	Philippines	2000
36	Lucent Technologies	6,500	Thailand	2000
37	Lucent Technologies	7,000	Thailand	2000
38	Matsushita Elec.	4,000	Singapore	2000
39	Matsushita Kotobuki	2,000	Indonesia	2000
40	Matsushita Kotobuki	1,500	Indonesia	2000
41	New Focus	4,000	China	2000
42	Seagate Prai	800	Malaysia	2000



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NO	PROJECTS	AREA	COUNTRY	COMPLETED
43	SSMC	1,800	China	2000
44	SSMC	8,000	China	2000
45	SSMC	10,000	China	2000
46	STM Fab 8	10,000	Singapore	2000
47	Tech Semicon	250	Singapore	2000
48	Wafer Technology	11,000	Malaysia	2000
49	Xyratex	900	Malaysia	2000
50	Xyratex	1,500	Malaysia	2000
51	Advance Interconn. Tech	2,000	Hong Kong	2001
52	Analogue Devices	4,000	Philippines	2001
53	Dupont Photomask Phase 2	1,000	Singapore	2001
54	EPCOS Kallang 1 st Sty Phase 6	1,000	Singapore	2001
55	EPCOS Tuas 3 rd Sty Phase 2	3,000	Singapore	2001
56	General Electric	500	India	2001
57	Komag	5,000	Malaysia	2001
58	Lexmark	4,000	Philippines	2001
59	Maxtor	2,000	China	2001
60	New Focus	9,000	China	2001
61	NHDBC	15,000	Singapore	2001
62	Peregine Semicon.	400	Australia	2001
63	Read Rite	1,000	Thailand	2001



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NO	PROJECTS	AREA	COUNTRY	COMPLETE D
64	Schering Plough Biotech	1,100	Singapore	2001
65	Schering Plough Tablet	1,900	Singapore	2001
66	Seagate Record Media Group Cell 3	2,500	Singapore	2001
67	Wacker	500	Singapore	2001
68	Daxon Technology	2,050	Malaysia	2002
69	HWSC (1)	3,200	China	2002
70	Intel Penang	4,000	Malaysia	2002
71	NTU	5,000	Singapore	2002
72	Seagate Teparuk (PH3)	10,000	Thailand	2002
73	Seagate Teparuk (PT2)	10,000	Thailand	2002
74	SMIC, Shanghai	18,000	China	2002
75	CSG Shanzhen	1,250	China	2003
76	Daxon Technology	1,500	Malaysia	2003
77	Komag Invetec	1,500	Malaysia	2003
78	KSC	1,000	China	2003
79	Meidensha	300	China	2003
80	STM, L5	400	Singapore	2003
81	Western Digital	150	Malaysia	2003
82	Western Digital	200	Malaysia	2003
83	Amkor	400	Philippines	2004
84	ASE	6,000	Malaysia	2004



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NO	PROJECTS	AREA	COUNTRY	COMPLETED
85	ASE (Dell)	1,500	Malaysia	2004
86	ASE (Dell)	2,000	Malaysia	2004
87	ASE (Dell - Phase 3)	1,500	Malaysia	2004
88	ASE (Dell - Plant 3)	500	Malaysia	2004
89	BJSC	300	China	2004
90	BJSC	1,000	China	2004
91	BJSC	11,600	China	2004
92	BJSC	450	China	2004
93	Bridgestone Phase III	400	Philippines	2004
94	Bridgestone Phase III	500	Philippines	2004
95	Camfil	200	China	2004
96	Chartered Semiconductor Mfg, Fab 7	5,000	Singapore	2004
97	DMSRDE Kanpur	500	India	2004
98	En Supreme	300	Taiwan	2004
99	HGST - Media Pro	6,000	China	2004
100	Hitachi	500	Singapore	2004
101	Hitachi	300	Singapore	2004
102	Hitachi	300	Singapore	2004
103	HWSC (2)	200	China	2004
104	IDC	1,500	Singapore	2004
105	Infineon	8,000	Malaysia	2004



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NO	PROJECTS	AREA	COUNTRY	COMPLETED
106	Integrated	1,000	Philippines	2004
107	Intel	1,500	India	2004
108	Komag (KM-3)	500	Malaysia	2004
109	Maxtor	5,400	China	2004
110	MKPI Batam	200	Indonesia	2004
111	NPOL Kochi	500	India	2004
112	SAE (ASD)	350	Hong Kong	2004
113	SAE (ASD)	3,500	Hong Kong	2004
114	Sansen	1,000	Philippines	2004
115	Santech	800	Philippines	2004
116	Seagate Korat	8,500	Thailand	2004
117	Seagate Korat	200	Thailand	2004
118	Seagate Korat	400	Thailand	2004
119	Seagate Penang	550	Malaysia	2004
120	Seagate Woodlands (1 st Flr)	8,500	Singapore	2004
121	Seagate Woodlands (1 st Flr)	11,500	Singapore	2004
122	Seagate Woodlands (1 st Flr)	3,000	Singapore	2004
123	ServePro	150	Singapore	2004
124	Shanghai Beijing Co.	1,300	China	2004
125	SMIC (IAQ)	700	China	2004
126	SMIC (IAQ)	700	China	2004



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NO	PROJECTS	AREA	COUNTRY	COMPLETED
127	SMIC Fab 2	3,500	China	2004
128	SSMC 40K	3,000	China	2004
129	ST.Micro	1,500	Singapore	2004
130	ST.Micro	150	Singapore	2004
131	ST.Micro	600	Singapore	2004
132	Texas	700	Philippines	2004
133	Texas Instrument	3,000	Philippines	2004
134	TSMC	20,500	China	2004
135	UCT	800	Hong Kong	2004
136	Western Digital	200	Thailand	2004
137	AMEC	2,000	China	2005
138	AMI Semiconductor	900	Philippines	2005
139	Astrophysic	400	India	2005
140	B.Braun	4,500	China	2005
141	Bosch Suzhou	2,000	China	2005
142	Carsem	1,100	Malaysia	2005
143	Carsem, Ipoh	1,000	Malaysia	2005
144	Cipla	99	India	2005
145	CSM Fab 2	200	Singapore	2005
146	GE	1,100	India	2005
147	GECKO, Penang	600	Malaysia	2005



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NO	PROJECTS	AREA	COUNTRY	COMPLETED
148	Hitachi	500	Singapore	2005
149	Hoya	3,500	Malaysia	2005
150	Hoya (Nakano)	5,400	Malaysia	2005
151	Hoya (TTE)	6,100	Malaysia	2005
152	Infineon, Kulim	12,000	Malaysia	2005
153	Integrated	200	Philippines	2005
154	Intel	600	India	2005
155	Komag Area 1	90	Malaysia	2005
156	Kunming Institute of Physics	7,000	China	2005
157	Maxtor	1,200	Singapore	2005
158	Maxtor	3,300	China	2005
159	Maxtor MPU 3 & 4	10,000	China	2005
160	MKPI	500	Indonesia	2005
161	Nano Technology Lab	1,000	Hong Kong	2005
162	Nasional Semiconductor	600	Malaysia	2005
163	Nasional Semiconductor	3,200	Malaysia	2005
164	NCM	3,000	Malaysia	2005
165	Nidec	1,100	Thailand	2005
166	Paragrine	500	Australia	2005
167	SAE	4,000	China	2005
168	Seagate Woodlands 3 rd Flr	14,000	Singapore	2005



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NO	PROJECTS	AREA	COUNTRY	COMPLETED
169	Seagate Korat	2,000	Thailand	2005
170	Seagate Korat (NB)	3,285	Thailand	2005
171	Seagate, Penang	1,500	Malaysia	2005
172	Seagate Teparuk	1,100	Thailand	2005
173	Seagate Woodlands Phase 2	8,000	Singapore	2005
174	Seagate Woodlands Phase 2	8,000	Singapore	2005
175	Seagate Wuxi	5,000	China	2005
176	SMIC Fab 9 – Level 1	3,000	China	2005
177	SMIC Fab 9 – Level 2	2,000	China	2005
178	ST. Micro	2,000	Singapore	2005
179	ST. Micro Phase 2	1,500	Singapore	2005
180	Sun Power	50	Philippines	2005
181	Teleplan	3,500	Malaysia	2005
182	Teleplan	3,700	Malaysia	2005
183	Texas Instrument	500	Philippines	2005
184	Texas Instrument	5,000	Philippines	2005
185	Toshiba	300	Malaysia	2005
186	Toshiba	6,000	Japan	2005
187	Unisem	500	Malaysia	2005
188	Western Digital	600	Thailand	2005
189	Wyeth	170	Singapore	2005



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NO	PROJECTS	AREA	COUNTRY	COMPLETED
190	Wyeth	200	Singapore	2005
191	AT & S	2,600	China	2006
192	Flextronics	1,100	Malaysia	2006
193	HKU – Nano Technology Lab	500	Hong Kong	2006
194	KLA Tencor	1,200	India	2006
195	KLA Tencor	800	Singapore	2006
196	SAE	4,000	China	2006
197	Seagate, Suzhou	10,000	China	2006
198	Seagate Woodlands (2 nd Flr)	6,000	Singapore	2006
199	Seagate, Wuxi	5,700	China	2006
200	Seagate Wuxi Lot 101 Level 3	5,500	China	2006
201	Texas Instrument	300	Philippines	2006
202	Daitoh	1,700	Philippines	2006
203	Hitachi Shenzhen	900	China	2006
204	Hitachi Shenzhen	1,000	China	2006
205	Seagate Wuxi Lot 101 Level 3 (VO)	1,000	China	2006
206	Showa Denko	18,000	Singapore	2006
207	SMIC Fab 11, Chengdu	15,000	China	2006



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NO	PROJECTS	AREA	COUNTRY	COMPLETED
208	NSEM, Melaka	1,700	Malaysia	2006
209	Bridgestone	150	Philippines	2006
210	ST MICRO (Toa Payoh)	4,261	Singapore	2006
211	CARSEM	304	Malaysia	2006
212	Riverstone	100	Malaysia	2006
213	S.Korat	1,423	Thailand	2006
214	TI	106	Philippines	2006
215	Ciba Vision	8,600	Malaysia	2006
216	ASTROPHYSIC	285	India	2006
217	Advances Micro Devices	6,200	Malaysia	2006
218	Seagate Johor Bharu	8,600	Malaysia	2007
219	Seagate W3	18,000	Singapore	2007
220	Infineon	3,000	Malaysia	2007
221	KLA Tencor (Level 3)	4,500	Singapore	2007

