

## 2007 Electronic Business Top Contract Manufacturers

Rank	Company	Total Revenue 2006 (\$mil)*	Public/Private	# of facilities	
				North America	Offshore
1	Hon Hai Precision (Taiwan) <sup>3</sup>	40,527.2	P	N/A	N/A
2	Flextronics (Singapore) <sup>4</sup>	17,707.8	P	N/A	N/A
3	Asustek (Taiwan) <sup>3</sup>	17,195.7	P	N/A	N/A
4	Quanta Computer (Taiwan) <sup>3</sup>	16,503.4	P	N/A	N/A
5	Solelectron (Milpitas, CA) <sup>4</sup>	11,200.0	P	16	44
6	Sanmina-SCI (San Jose, CA) <sup>2,4</sup>	10,955.4	P	24	42
7	Jabil (St. Petersburg, FL) <sup>4</sup>	10,300.0	P	11	39
8	Celestica (Canada)	8,800.0	P	14	19
9	Inventec (Taiwan) <sup>3</sup>	7,890.3	P	3	6
10	TPV Technology (Hong Kong) <sup>3</sup>	7,176.3	P	N/A	N/A
11	Wistron (Taiwan)	6,800.0	P	3	8
12	BenQ (Taiwan) <sup>3</sup>	6,094.0	P	0	7
13	Elcoteq (Finland) <sup>2</sup>	5,677.2	P	3	18
14	Benchmark Electronics (Angleton, TX) <sup>2</sup>	2,907.3	P	11	10
15	Cal-Comp Electronics (Thailand) <sup>3</sup>	2,050.0	P	0	9
16	Venture Corporation (Singapore) <sup>2</sup>	2,037.6	P	3	18
17	Universal Scientific Industrial (Taiwan) <sup>2</sup>	1,633.3	P	1	5
18	Plexus (Neenah, WI) <sup>4</sup>	1,460.6	P	8	5
19	SIIX (Japan) <sup>2</sup>	1,100.1	P	0	13
20	Pemstar (Rochester, MN) <sup>2,4,5</sup>	871.0	P	4	7
21	Nam Tai Electronics (Hong Kong) <sup>2</sup>	870.2	P	0	5
22	Jurong Technologies (Singapore) <sup>3</sup>	825.3	P	0	6
23	Viasystems Group (St. Louis, MO) <sup>1,2</sup>	734.4	PR	2	5
24	Beyonics (Singapore) <sup>3,4</sup>	676.5	P	0	8
25	Kimball Electronics Group (Jasper, IN) <sup>4</sup>	608.5	P	5	5
26	Elite Industrial Group (Hong Kong) <sup>1,2,4</sup>	600.0	PR	2	10
27	Alco Electronics (Hong Kong) <sup>2,4</sup>	585.0	P	6	11
28	Hitachi OMD (Norman, OK) <sup>4</sup>	570.0	P	2	0
29	Aeroflex (Colorado Springs, CO) <sup>2,4</sup>	551.8	P	12	8
30	Zollner Elektronik (Germany) <sup>3</sup>	520.0	PR	0	12
31	3CEMS (China) <sup>3</sup>	495.0	PR	0	6
32	M-Flex (Anaheim, CA) <sup>4</sup>	487.0	P	2	4
33	Wong's Electronics (Hong Kong)	475.0	P	0	2
34	Partnertech (Sweden) <sup>3</sup>	446.7	P	1	12
35	GES International (Singapore) <sup>2,4</sup>	433.3	P	1	3
36	Hana Microelectronics (Thailand) <sup>2</sup>	430.3	P	1	5
37	Fabrinet (San Francisco, CA) <sup>2,4</sup>	420.0	PR	2	4
38	Integrated Microelectronics (Philippines)	392.8	PR	1	11
39	CTS (Moorpark, CA)	386.1	P	4	4
40	WKK Technology (Hong Kong) <sup>2</sup>	369.1	P	1	1
41	enics (Switzerland) <sup>3</sup>	368.4	PR	0	8
42	Videoton (Hungary)	350.0	PR	0	11
43	Surface Mount Technology (Hong Kong) <sup>2</sup>	343.4	P	0	4
44	Suntron (Phoenix, AZ)	320.0	P	7	0
45	Scanfil (Finland) <sup>3</sup>	318.8	P	0	9
46	Flash Electronics (Fremont, CA) <sup>4</sup>	310.0	PR	1	2
47	Neways Electronics (Netherlands)	310.0	P	0	14
48	Orient Semiconductor Electronics (Taiwan) <sup>2</sup>	291.4	P	1	3
49	Sinbon Electronics (Taiwan) <sup>1,2</sup>	279.7	P	0	5
50	Simclar Group (Scotland)	275.0	P	5	3
51	Kitron (Norway) <sup>3</sup>	271.9	P	0	6
52	SMTC (Canada)	263.0	P	4	2
53	NOTE (Sweden) <sup>3</sup>	250.5	P	0	8
54	Computime (Hong Kong) <sup>4</sup>	245.0	P	0	3



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Total employees 2006	Finished Product mix (%)							Manufacturing capabilities			
	Computers & Peripherals	Communications	Industrial	Medical	Military	Consumer	Other	Conceptual New Product Design	Board Layout/Design	DFM**	Box build/Full-System Build
200,000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
100,000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	X	X	X	X
100,000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
30,000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
50,000	N/A	N/A	N/A	N/A	N/A	N/A	N/A		X	X	X
54,397	47%	27%	6%	7%	8%	5%	0%	X	X	X	X
75,000	19%	19%	2%	17%	2%	36%	5%	X	X	X	X
42,000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	X	X	X	
21,847	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
25,582	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
22,000	90%	10%	0%	0%	0%	0%	0%	X	X	X	X
13,000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
23,000	0%	100%	0%	0%	0%	0%	0%	X	X	X	X
9,548	58%	13%	20%	9%	0%	0%	0%	X	X	X	X
13,068	62%	34%	0%	0%	0%	1%	3%	N/A	N/A	N/A	N/A
14,000	31%	23%	0%	16%	0%	0%	30%	X	X	X	X
10,258	56%	11%	17%	0%	0%	16%	0%		X	X	X
7,502	0%	45%	16%	25%	6%	0%	8%	X	X	X	X
6,013	18%	31%	25%	0%	0%	0%	26%		X	X	X
4,100	23%	44%	30%	2%	1%	0%	0%	X	X	X	X
7,473	0%	70%	0%	0%	0%	30%	0%	X	X	X	X
5,000	50%	48%	0%	0%	0%	0%	2%		X	X	X
16,144	12%	32%	23%	0%	0%	0%	33%	X	X		X
9,000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2,709	1%	3%	22%	32%	4%	0%	38%	X	X	X	X
10,000	10%	10%	20%	10%	0%	50%	0%	X	X	X	X
16,900	7%	5%	0%	0%	0%	88%	0%	X	X	X	X
400	95%	5%	0%	0%	0%	0%	0%			X	X
2,675	5%	5%	0%	15%	50%	15%	10		X	X	
6,320	21%	9%	37%	6%	0%	26%	1%	N/A	N/A	N/A	N/A
8,948	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12,859	2%	87%	5%	1%	0%	3%	2%		X	X	
6,800	N/A	N/A	N/A	N/A	N/A	N/A	N/A	X	X	X	X
1,989	0%	58%	0%	16%	0%	0%	26%	X	X	X	X
1,800	8%	8%	21%	13%	0%	2%	48%	X	X	X	X
10,538	20%	20%	10%	10%	0%	20%	20%			X	X
5,000	0%	95%	0%	0%	0%	5%	0%			X	X
20,947	42%	13%	17%	2%	0%	18%	8%	X	X	X	X
4,977	41%	27%	12%	10%	8%	0%	2%	X	X	X	X
4,513	30%	38%	24%	0.1%	0%	5.7%	2.2%	X	X	X	X
2,500	N/A	N/A	N/A	N/A	N/A	N/A	N/A	X	X	X	X
10,000	9%	1%	10%	0%	0%	28%	52%		X	X	X
12,265	28%	4%	30%	0%	0%	9%	29%			X	X
1,500	N/A	N/A	N/A	N/A	N/A	N/A	N/A	X	X	X	X
2,100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2,000	20%	60%	10%	0%	0%	5%	5%			X	X
2,200	0%	0%	58%	27%	2%	1%	12%	X	X	X	X
4,800	30%	14%	20%	0%	0%	36%	0%		X	X	X
4,000	60%	34%	3%	2%	0%	1%	0%		X	X	
2,000	25%	30%	25%	5%	0%	15%	0%	X	X	X	X
1,300	0%	27%	23%	22%	28%	0%	0%	N/A	N/A	N/A	N/A
1,550	38%	18%	48%	0%	0%	0%	0%	X	X	X	X
1,100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8,000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	X	X	X	X



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es		Certification ISO 9001:2000	Procurement (% of business)		Board Assembly Current business (% total boards)			Boa			
Distrib. & Repair	Cable & Harness Assembly		Turnkey	Consignment	All-Surface Mount	Mix Surface-mount &	All Through Hole	BGA	TAB	MCM	Bare-die Wire Bond
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
X	X	X	N/A	N/A	N/A	N/A	N/A	X		X	X
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
X	X	X	N/A	N/A	N/A	N/A	N/A	X		X	
X	X	X	N/A	N/A	N/A	N/A	N/A				
X		X	100%	0%	10%	70%	20%	X		X	
		X	95%	5%	5%	94%	1%	X		X	X
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
X		X	N/A	N/A	N/A	N/A	N/A	X			
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
X		X	98%	2%	95%	5%	0%	X		X	
X		X	100%	0%	N/A	N/A	N/A	X			X
N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
X		X	N/A	N/A	N/A	N/A	N/A	X			X
X	X	X	85%	15%	50%	50%	0%	X	X	X	
X		X	96%	4%	20%	75%	5%	X	X	X	X
X		X	90%	10%	75%	22%	3%	X			X
X	X	X	99%	1%	90%	10%	0%	X		X	X
		X	100%	0%	99%	1%	0%	X	X	X	X
		X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	X	X	N/A	N/A	N/A	N/A	N/A				
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
X	X	X	100%	0%	0%	99%	1%	X		X	X
X	X	X	95%	5%	50%	45%	5%	X			X
X	X	X	85%	15%	53%	38%	9%	X	X	X	X
X	X	X	100%	0%	95%	5%	0%	X			
		X	95%	5%	25%	60%	15%	X		X	
N/A	N/A	X	N/A	N/A	N/A	N/A	N/A	X			
N/A	N/A	X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		X	N/A	N/A	96%	3.5%	0.5%	X			X
X			98%	2%	60%	40%	0%	X		X	
X	X	X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
X		X	100%	0%	80%	15%	5%	X		X	X
			80%	20%	90%	10%	0%			X	X
X	X		100%	0%	95%	5%	0%	X		X	X
X		X	64%	36%	58.0%	41.0%	2%	X		X	X
X	X	X	100%	0%	50%	20%	30%	X			X
		X	95%	5%	30%	67%	3%	X		X	X
X	X	X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
X	X	X	85%	15%	5%	80%	15%	X			
	X	X	N/A	N/A	N/A	N/A	N/A	X		X	X
X	X	X	80%	20%	N/A	N/A	N/A	X	X	X	X
N/A	N/A	X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
X		X	95%	5%	80%	15%	5%	X			
X	X	X	N/A	N/A	N/A	N/A	N/A	X			X
X	X	X	55%	45%	10%	90%	0%	X		X	
X	X	X	80%	20%	70%	30%	0%	X	X	X	
X	X	X	99%	1%	N/A	N/A	N/A	X			
N/A	N/A	X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
X	X	X	98%	2%	80%	15%	5%			X	
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		X	80%	20%	60%	25%	15%	X		X	X



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rd Assembly Technologies						Cleaning			Test			
Bare-die Direct	PCMCIA	Flex	Bare-board	Backplanes	Mil-Spec	Aqueous/ Semi-Aqueous	No-Clean	Alt. Solvent	In-Circuit	Functional	Environ./ESS	X-ray
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
X	X	X		X	X		X		X	X	X	X
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N/A	N/A	N/A	N/A	N/A
	X	X	X	X		N/A	N/A	N/A	X	X	X	
X	X	X	X	X	X	X		X	X		X	
X		X		X	X	X	X		X	X	X	X
X		X		X	X	X	X		X	X	X	X
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
X			X			N/A	N/A	N/A	X	X	X	X
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	X	X				X	X		X	X	X	X
X	X	X		X		X	X		X	X	X	X
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
X		X		X		X	X	X	X	X	X	X
X	X	X	X					X	X	X	X	X
X	X	X			X	X	X		X	X	X	X
X	X	X		X	X	X	X		X	X	X	X
X	X	X		X	X	X	X	X	X	X	X	X
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	X	X	X	X
			X	X								
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
X		X		X		X	X	X	X	X	X	X
	X					X	X		X	X	X	X
X	X	X	X	X		X			X	X	X	X
	X			X			X		X	X	X	X
	X				X	X			X	X		X
		X				N/A	N/A	N/A	X	X	X	X
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
X		X				X	X		X	X		X
	X	X				X	X	X	X	X	X	X
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	X	X		X
X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	X	X	X	X
X	X	X		X	X	X	X		X	X	X	X
X	X	X			X	X	X		X	X	X	X
X	X	X		X	X	X	X	X	X	X	X	X
X	X			X	X	X	X	X	X	X	X	X
		X		X			X		X	X	X	X
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N/A	X	X		
X			X	X		X			X	X	X	X
X		X					X		X	X	X	X
X	X	X	X	X	X	X			X	X		X
N/A	N/A	N/A	N/A	X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	X	X		X		X	X		X	X	X	X
X		X		X	X			X	X	X		X
X	X	X		X			X		X	X	X	X
	X	X		X			X		X	X	X	X
				X		X	X		X	X	X	X
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
X	X	X		X		X	X	X	X	X	X	X
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	X					X	X		X	X	X	X

