

자료

# 세계 200대 전자산업

세계적인 정보화의 추세속에서 정보통신기부문이 활성화됨에 따라 1985년의 전자산업계에는 많은 변화가 있었다.

많은 변화중 가장 대표적인 것으로 기업의 대규모화를 들수 있다. 즉, 대기업간의 기업합병(MERGERS)이 두드러지게 나타났다는 것이다. 기업합병의 예로 미국의 GM은 Hughes Aircraft Co.를 흡수했으며, GE는 RCA Corp를 흡수해 또한 BU-

NCH 그룹의 Burroughs Corp.은 같은 컴퓨터 제조회사인 Sperry Corp과 손을 잡았다. 그리고 또 다른 변화로 반도체제조업의 쇠락을 들 수 있다.

1980년대 초반 미국내 반도체 산업은 급성장을 거듭해 왔으나 80년대 중반이후 시장경쟁력의 약화와 제품유통경로상의 문제로 많은 어려움을 겪어왔다. 반도체 생산업체로 GCA Corp.이 그대 표적인 예로 84년 순위에서 60위나 떨어졌으며 International Rectifier Corp.의 경우도 마찬가지로이다.

이러한 전자산업의 1985년도 경영성과를 분석해 보면 1984년에 비해 전자부문수입이 4.5%가 증가된 267,800만불인 반면, 순수익은 23.7%가 감소된 35,400만불로 나타났으며, 주가수익율(Return on Equity)과 투자수익율(Return on Investment)역시 각각 16.5%에서 11.6%로, 12.6%에서 8.7%로 감소하였다. 그러나 총수입에 비해 지출된 연구개발비는 4.2%로, 1984년과 같게 나타나고 있다.

다음의 표는 전자부문의 매출액을 기준으로 세계의 200대 기업순위를 나타낸 표이다.

구분 \ 년도	1984 (증가율)	1985 (증가율)
전자부문수입	256.2 (13.4%)	267.8 ( 4.5%)
총 수 익	766.5 ( 6.0%)	797.8 ( 2.7%)
순 수 익	46.4 (24.1%)	35.4 (-23.7%)
주가수익율	16.5%	11.6%
투자수익율	12.6%	8.7%
비용/수입	69.4%	70.3%
R & D / 수입	4.2%	4.2%

출처 : Electronic Business  
1986년7월15일

(단위: 백만불)

순 위		기 업	전자부문수입		총 수 입		총 수 익	
'85	'84		1985	1984	1985	1984	1985	1984
1	1	IBM	\$ 50,056.0	\$ 45,937.0	\$ 50,056.0	\$ 45,937.0	\$ 6,555.0	\$ 6,582.0
2	2	AT & T	17,641.9	17,406.7	34,909.5	33,187.5	1,556.8	1,369.9
3	24	General Motors	9,503.8	2,568.0	96,371.6	83,889.8	3,999.0	4,516.5
4	3	General Electric	7,590.0	7,210.0	28,285.0	27,947.0	2,336.0	2,280.0
5	4	Xerox	7,745.0	6,981.0	8,732.1	8,791.6	380.5	375.6
6	7	DEC	7,029.4	6,229.6	7,029.4	6,229.6	400.6	486.9
7	5	ITT	7,010.0	6,589.0	11,871.2	12,701.0	286.4	302.5
8	8	Honeywell	6,624.6	6,073.6	6,624.6	6,073.6	281.6	334.8
9	6	Hewlett-Packard	6,571.0	6,297.0	6,571.0	6,297.0	482.0	564.0
10	10	Motorola	5,443.0	5,534.0	5,443.0	5,534.0	72.0	387.0
11	13	Burroughs	5,037.7	4,875.6	5,037.7	4,875.6	248.2	244.9
12	14	Sperry	5,000.0	4,648.0	5,717.6	5,370.0	37.4	262.2
13	9	Texas instruments	4,924.5	5,741.6	4,924.5	5,741.6	-118.7	316.0
14	11	RCA	4,851.0	4,945.0	8,972.1	10,111.6	369.1	246.4
15	16	NCR	3,952.0	3,728.0	4,317.2	4,074.3	315.2	342.6
16	17	Raytheon	3,794.0	3,454.0	6,408.5	5,995.7	375.9	340.1
17	15	Control Data	3,679.7	3,755.0	3,679.7	5,026.9	-567.5	31.6
18	26	Rockwell	3,591.0	2,472.0	11,741.4	9,658.0	580.6	545.1
19	19	TRW	3,344.5	2,904.0	5,917.2	6,061.7	133.7	266.8
20	18	North American Philips	3,279.0	3,193.0	4,395.2	4,325.9	81.5	130.5
21	20	Tandy	3,137.6	2,771.1	3,137.6	2,771.1	203.9	234.9
22	21	Litton Industries	2,875.0	2,754.0	4,568.0	4,605.7	247.7	419.3
23	22	Allied-Signal	2,850.0	2,684.0	9,115.0	10,734.0	-279.0	487.0
24	23	GTE	2,621.0	2,680.0	15,732.4	14,547.3	-161.1	1,079.8
25	27	Wang	2,428.3	2,421.1	2,428.3	2,421.1	-63.3	231.0

(단위 : 백만불)

순 위		기 업	전자부문수입		총 수 입		총 수 익	
'85	'84		1985	1984	1985	1984	1985	1984
26	30	Westinghouse	\$2,350.0	\$2,176.0	\$10,700.2	\$10,264.5	\$605.3	\$535.9
27	29	Harris	2,306.6	2,187.7	2,306.6	2,187.7	60.7	90.6
28	28	3M	2,272.0	2,358.0	7,846.0	7,705.0	664.0	733.0
29	32	Ford	2,071.0	1,885.0	52,774.4	51,366.4	2,515.4	2,906.8
30	42	Martin Marletta	1,882.1	1,415.0	4,410.1	3,920.4	249.4	176.0
31	25	United Technologies	1,877.0	2,482.0	14,991.7	16,331.7	636.4	645.0
32	35	Boeing	1,850.0	1,661.0	13,636.0	10,595.0	566.0	787.0
33	40	Eaton	1,778.0	1,429.0	3,674.5	3,509.8	230.9	254.4
34	31	Apple	1,753.9	1,897.9	1,753.9	1,897.9	72.0	104.3
35	46	Lockheed	1,740.0	1,359.0	9,535.0	8,113.4	401.0	344.1
36	34	Zenith	1,623.7	1,717.0	1,623.7	1,717.0	-7.7	63.6
37	33	National Semiconductor	1,605.8	1,818.0	1,605.8	1,818.0	-89.5	84.3
38	38	Pitney Bowes	1,603.3	1,507.0	1,831.8	1,732.1	144.5	138.2
39	45	McDonnell Douglas	1,575.0	1,368.0	11,477.7	9,861.0	345.7	325.3
40	44	Gould	1,420.1	1,399.4	1,420.1	1,399.4	-100.8	89.3
41	41	Tektronix	1,419.8	1,419.9	1,419.8	1,419.9	70.2	131.5
42	43	DuPont	1,400.0	1,412.0	29,483.0	36,218.0	1,118.0	1,431.0
43	36	Intel	1,365.0	1,629.3	1,365.0	1,629.3	1.6	178.9
44	37	AMP	1,350.0	1,541.0	1,636.1	1,812.8	108.0	201.3
45	48	Singer	1,338.0	1,217.0	2,416.3	2,518.8	82.3	50.3
46	49	Perkin-Eimer	1,222.0	1,169.0	1,310.0	1,255.5	79.5	79.2
47	52	Emerson Electric	1,213.0	1,037.0	4,679.5	4,320.6	402.1	361.0
48	39	Avnet	1,201.0	1,484.0	1,384.8	1,711.7	31.3	78.8
49	47	Data General	1,199.0	1,274.9	1,199.0	1,274.9	2.4	97.3
50	51	Grumman	1,128.0	1,081.0	3,098.9	2,603.6	81.5	108.4

(단위 : 백만원)

순 위		기 업	전자부문수입		총 수 입		총 수 익	
'85	'84		1985	1984	1985	1984	1985	1984
51	50	Teledyne	\$1,056.8	\$1,115.0	\$3,256.2	\$3,494.3	\$546.4	\$574.3
52	55	Varian Associates	962.9	961.2	962.9	961.2	15.3	60.9
53	63	Northrop	938.3	758.0	5,056.6	3,687.8	214.4	166.9
54	57	Sanders Associates	889.3	837.7	889.3	837.7	34.9	39.6
55	56	General Signal	867.5	853.0	1,800.9	1,786.9	49.3	108.5
56	61	Amdahl	862.0	779.4	862.0	779.4	24.4	36.4
57	59	M/A-COM	855.4	797.4	855.4	797.4	32.6	39.9
58	53	General Instrument	824.7	1,017.7	824.7	1,017.7	-106.7	32.7
59	65	E-Systems	806.1	733.0	926.8	819.4	59.5	61.1
60	67	Prime	769.7	642.8	769.7	642.8	57.8	59.7
61	87	Chrysler	744.0	411.0	21,255.5	19,572.7	1,635.2	1,496.1
62	62	Lear Siegler	715.0	778.0	2,358.2	2,322.4	88.2	92.4
63	64	Penn Central	685.0	755.0	2,527.3	2,569.1	110.8	170.0
64	74	Telex	683.1	523.9	683.1	523.9	67.1	47.6
65	85	Continental Telecom	681.0	421.0	2,556.6	2,318.9	239.9	195.9
66	58	Storage Technology	673.4	808.6	673.4	808.6	-43.7	-505.5
67	75	Johnson Controls	657.0	502.0	2,105.2	1,425.3	88.4	66.7
68	68	General Dynamics	640.0	596.0	8,163.8	7,839.0	372.5	381.7
69	72	Tandem	634.5	565.9	634.5	565.9	32.0	46.9
70	54	Advanced Micro Devices	623.8	985.2	623.8	985.2	0.5	140.2
71	69	SmithKline Beckman	619.0	595.0	3,256.6	2,949.2	514.4	500.3
72	78	Kodak	600.0	498.0	10,631.0	10,600.0	332.0	923.0
73	82	Loral	562.0	461.0	599.1	492.0	48.7	40.0
74	86	Corning Glass	534.8	418.0	1,690.5	1,732.7	107.6	88.9
75	77	SCI Systems	527.6	500.9	527.6	500.9	14.2	12.9

(단위 : 백만불)

순 위		기 업	전자부문수입		총 수 입		총 수 익	
'85	'84		1985	1984	1985	1984	1985	1984
76	89	Intergraph	\$ 526.4	\$ 403.8	\$ 526.4	\$ 403.8	\$ 67.8	\$ 62.9
77	71	Monsanto	520.0	575.0	6,747.0	6,691.0	-128.0	439.0
78	100	COMPAQ	503.9	329.0	503.9	329.0	26.6	12.9
79	103	Emerson Radio	502.9	314.1	502.9	314.1	10.5	12.4
80	66	Arrow Electronics	500.0	668.2	534.1	740.0	-10.9	12.8
81	79	Tracor	498.0	488.0	546.5	515.7	18.9	33.2
82	81	United Telecommunica- tions	475.0	477.0	3,198.4	2,857.8	20.8	215.9
83	84	Scientific-Atlanta	443.7	423.2	443.7	423.2	16.8	13.2
84	73	Computervision	441.1	556.3	441.1	556.3	-80.8	37.7
85	92	Compugraphic	400.8	391.2	400.8	391.2	21.8	24.4
86	96	Convergent	395.2	361.8	395.2	361.8	11.5	0.7
87	88	Medtronic	387.6	405.3	387.6	405.3	49.3	54.3
88	130	Cray Research	380.2	228.8	380.2	228.8	75.6	45.4
89	80	Dataproducts	370.6	484.5	370.6	484.5	-29.7	35.8
90	94	Ducommun	347.5	382.6	417.0	451.1	-3.3	11.1
91	109	EG&G	337.0	290.0	1,177.1	1,071.7	55.7	53.5
92	93	Teradyne	336.4	389.3	336.4	389.3	20.2	43.2
93	70	Datapoint	331.3	589.2	331.3	589.2	-68.7	-0.9
94	99	Diebold	329.0	332.0	410.9	474.1	30.4	56.9
95	97	Tyler	325.3	357.5	912.4	928.5	15.4	29.0
96	76	TIE/communications	321.3	501.1	321.3	501.1	-75.0	15.9
97	101	Analog Devices	319.7	325.9	319.7	325.9	26.4	39.0
98	117	Savin	310.0	267.0	431.7	382.0	-52.8	-22.1
99	126	Cubic	305.0	242.0	341.7	287.7	12.2	13.7
100	106	Seagate Technology	303.6	\$ 303.9	303.6	303.9	8.7	23.8

(단위 : 백만불)

순 위		기 업	전자부문수입		총 수 입		총 수 익	
'85	'84		1985	1984	1985	1984	1985	1984
101	133	Apollo	\$ 295.6	\$ 215.9	\$ 295.6	\$ 215.9	\$ -1.5	\$ 23.9
102	98	DSC Communications	287.6	352.2	287.6	352.2	-63.3	57.3
103	112	Foxboro	286.0	284.0	572.2	515.9	-34.2	4.3
104	95	Mohawk Data Sciences	285.2	381.7	285.2	381.7	-79.2	-120.2
105	107	Emhart	284.0	293.0	1,775.4	1,794.5	80.5	90.4
106	108	Kollmorgen	277.0	290.3	311.0	326.2	-6.4	10.8
107	113	Dover	276.0	281.0	1,439.5	1,288.5	100.0	100.5
108	125	Premier Industrial	269.0	246.0	433.7	414.2	39.3	40.2
109	115	CTS	261.6	269.0	261.6	327.2	7.9	25.0
110	119	Molex	255.4	261.4	255.4	261.4	28.2	37.1
111	120	Augat	255.0	257.1	255.0	257.1	12.1	24.1
112	110	Paradyne	252.5	290.0	252.5	290.0	-31.2	11.0
113	90	Exxon	250.0	400.0	92,869.0	95,873.0	4,870.0	5,528.0
114	118	Square D	246.0	264.0	1,348.1	1,365.5	102.4	106.2
115	121	Union Carbide	240.0	257.0	9,003.0	9,508.0	-599.0	341.0
116	143	Dynatech	238.1	189.4	238.1	189.4	22.0	14.1
117	123	Bally Manufacturing	238.0	255.0	1,344.8	1,349.4	25.6	-100.4
118	114	Oak Industries	238.0	273.0	284.3	333.2	-37.6	-95.5
119	136	Watkins-Johnson	232.6	210.5	232.6	210.5	18.4	21.9
120	111	Marshall Industries	231.6	287.0	231.6	287.0	1.5	11.2
121	142	NBI	230.0	191.1	260.7	191.1	7.8	14.5
122	171	Western Digital	227.6	146.1	227.6	146.1	-2.9	10.7
123	91	Tandon	225.9	398.4	225.9	398.4	-119.1	4.8
124	104	Xidex	225.0	312.8	342.1	410.0	25.6	N/A
125	145	Eli Lilly	222.0	186.0	3,270.6	3,109.2	517.6	490.2

(단위 : 백만불)

순 위		기 업	전자부문수입		총 수 입		총 수 익	
'85	'84		1985	1984	1985	1984	1985	1984
126	131	Cooper Industries	\$ 220.0	\$ 225.0	\$3,067.2	\$2,029.9	\$ 135.1	\$ 106.9
127	124	GenRad	218.3	249.5	218.3	249.5	-52.3	11.0
128	132	Bell & Howell	217.0	223.0	759.8	713.5	32.2	33.0
129	151	Centronics	216.3	171.5	216.3	171.5	0.2	-10.7
130	134	Fluke	214.7	213.9	214.7	213.9	14.5	19.8
131	144	LTV	214.0	188.0	8,198.8	7,046.1	-771.5	-378.2
132	159	Figgie International	208.0	163.0	803.4	720.7	29.2	26.9
133	129	Andrew	207.8	229.5	207.8	229.5	12.2	21.2
134	135	Gerber Scientific	207.3	213.5	207.3	213.5	19.7	23.7
135	127	Pioneer-Standard	207.2	238.1	207.2	238.1	0.2	4.1
136	148	Cincinnati Milacron	206.0	178.0	732.2	660.5	-44.8	18.7
137	149	Spectra-Physics	198.9	175.1	198.9	175.1	-1.7	4.7
138	102	Wyle Laboratories	195.4	314.5	260.8	354.6	1.5	9.4
139	152	Micom Systems	194.2	171.4	194.2	171.4	14.9	25.4
140	165	Avantek	190.3	159.2	190.3	159.2	17.7	17.2
141	141	Ball	188.5	198.0	1,106.2	1,050.7	51.2	46.3
142	161	Logicon	187.9	161.9	187.9	161.9	9.6	7.7
143	156	AM International	186.0	167.0	614.0	612.6	23.3	19.0
144	137	Bell Industries	185.0	209.0	295.8	318.3	4.5	10.3
145	158	Nashua	185.0	165.0	621.6	591.9	16.4	19.9
146	162	General DataComm	179.4	161.3	179.4	161.3	8.7	12.6
147	167	Recognition Equipment	179.4	148.2	179.4	148.2	3.6	6.7
148	128	AVX	178.7	230.9	178.7	230.9	-12.3	15.5
149	150	Hazeltine	177.7	173.8	177.7	173.8	10.1	10.7
150	187	Sundstrand	177.0	130.0	1,284.1	1,041.9	74.4	66.4

(단위 : 백만불)

순 위		기 업	전자부문수입		총 수 입		총 수 익	
'85	'84		1985	1984	1985	1984	1985	1984
151	163	Measurex	\$ 176.6	\$ 160.3	\$ 176.6	\$ 160.3	\$ 17.7	\$ 14.4
152	168	Decision Data	176.4	147.0	176.4	147.0	7.8	8.0
153		Pittway	175.0	N/A	548.5	496.6	31.1	31.7
154	140	Monolithic Memories	171.6	199.6	171.6	199.6	5.5	28.1
155		AST Research	171.0	102.3	171.0	102.3	29.2	9.7
156		Millipore	170.0	N/A	367.2	332.1	31.7	26.5
157	138	Unitrode	168.0	200.1	168.0	200.1	9.2	22.2
158	175	ISC Systems	161.5	138.7	161.5	138.7	11.5	8.6
159	146	Applied Materials	160.1	180.4	160.1	180.4	5.9	14.4
160		Polaroid	160.0	N/A	1,295.2	1,271.5	36.9	25.7
161		Allen Group	159.0	122.0	399.2	346.5	16.7	10.6
162		American District Telegraph	158.0	120.0	479.6	449.7	-56.6	12.0
163	181	Tyco Laboratories	158.0	135.0	646.2	698.9	31.1	27.3
164	179	Diasonics	157.9	135.9	157.9	135.9	3.5	-33.7
165	105	GCA	156.5	308.6	156.5	308.6	-94.2	28.6
166	154	Kidde	155.0	169.0	2,164.8	2,312.2	47.6	79.1
167	166	Cipher Data Products	152.5	153.8	152.5	153.8	7.9	15.1
168		Computer Memories	151.2	82.0	151.2	82.0	16.4	-6.0
169	164	Becton Dickinson	151.0	160.0	1,156.1	1,123.8	92.4	65.6
170	160	Veeco instruments	150.4	162.3	150.4	162.3	7.3	15.0
171	194	AccuRay	150.4	125.8	150.4	125.8	8.0	6.8
172		Rexnord	143.0	N/A	1,108.1	921.1	42.4	28.8
173	153	Esterline	142.0	170.0	246.1	275.9	0.0	16.9
174	190	international Rectifier	141.1	128.0	141.1	135.2	-0.8	7.7
175	186	Mark Controls	140.8	131.0	279.0	280.4	2.7	-5.8



(단위 : 백만불)

순 위		기 업	전자부문수입		총 수 입		총 수 익	
'85	'84		1985	1984	1985	1984	1985	1984
176		LSI Logic	\$ 140.0	\$ 84.5	\$ 140.0	\$ 84.5	\$ 10.1	\$ 15.5
177		Fairchild Industries	140.0	120.5	855.9	898.9	-194.5	1.4
178	147	CPT	139.3	178.6	139.3	178.6	0.0	-0.9
179	173	Sun Electric	139.0	144.0	168.8	175.4	-7.8	-6.7
180		Mentor	136.7	87.9	136.7	87.9	8.0	8.3
181		Coherent	136.6	116.7	136.6	116.7	5.9	14.6
182	169	Printronix	136.3	146.6	136.3	146.6	-12.4	9.0
183	157	Xebec	136.1	166.5	136.1	166.5	-22.7	-2.2
184		Cordis	136.0	N/A	195.9	206.8	4.5	11.1
185		United industrial	135.0	N/A	269.4	246.2	19.1	15.8
186		Dalsy	133.6	81.6	133.6	81.6	22.6	12.7
187		Electrospace Systems	133.2	101.8	133.2	101.8	12.6	9.4
188	176	Aydin	133.0	137.5	133.0	137.5	3.8	9.0
189	182	Analogic	132.4	132.7	132.4	132.7	10.3	11.6
190		Altos Computer	132.2	121.8	132.2	121.8	9.9	12.2
191		Allegheny International	129.0	114.2	2,056.7	2,115.3	-57.5	63.6
192		Floating Point Systems	128.4	120.4	128.4	120.4	14.1	15.1
193	196	Dynascan	128.1	125.3	128.1	125.3	0.1	-16.0
194	197	Gulton Industries	128.0	124.0	155.5	147.5	6.2	4.4
195	174	Burndy	127.0	139.0	219.0	232.4	-9.1	12.8
196	199	National Computer Systems	127.0	123.6	156.5	123.6	12.4	9.9
197		Quantum	126.6	109.2	126.6	109.2	21.4	18.1
198	191	Conrac	126.5	127.0	150.3	154.3	7.2	13.0
199	116	Insilco	124.0	269.0	811.8	786.9	26.1	33.0
200	184	InteCom	123.6	131.7	123.6	131.7	-6.6	11.7