

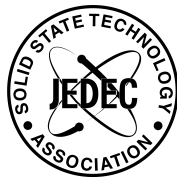
JEDEC PUBLICATION

Standard Manufacturer's Identification Code

JEP106-I
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JULY 2000

JEDEC Solid State Technology Association



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STANDARD MANUFACTURER'S IDENTIFICATION CODE

(Formerly JEDEC Council Ballot JCB-94-02, formulated under the cognizance of JC-42.3 Committee on RAM Memories.)

1 Intent

The intent of this identification code is that it may be used whenever a digital field is required, e.g., hardware, software, documentation, etc.

2 Scope

The manufacturer's identification code is defined by one or more eight (8) bit fields, each consisting of seven (7) data bits plus one (1) odd parity bit. The manufacturer's identification code as shown in Table 1, is assigned, maintained and updated by the JEDEC office. It is a single field, limiting the possible number of vendors to 128. To expand the maximum number of identification codes, a continuation scheme has been defined. The code 7F, as shown in Table 1, indicates that the manufacturer's code is beyond the limit of this field and the next sequential manufacturer's identification field is used. Multiple continuation fields are permitted and when used, shall comprise of the identification code.

3 Additions to Table 1

The identification code list is not a fixed listing. Any company can be added to the list by making a request to the JEDEC office at (703) 907-7558. The present list is complete as of April 28, 2000. Updates to the list will be made periodically and Table 1 will be modified accordingly.

Table 1 - Manufacturer's Identification Code

COMPANY	8	7	6	5	4	3	2	1	HEX
1 AMD	0	0	0	0	0	0	0	1	01
2 AMI	0	0	0	0	0	0	1	0	02
3 Fairchild	1	0	0	0	0	0	1	1	83
4 Fujitsu	0	0	0	0	0	1	0	0	04
5 GTE	1	0	0	0	0	1	0	1	85
6 Harris	1	0	0	0	0	1	1	0	86
7 Hitachi	0	0	0	0	0	1	1	1	07
8 Inmos	0	0	0	0	1	0	0	0	08
9 Intel	1	0	0	0	1	0	0	1	89
10 I.T.T.	1	0	0	0	1	0	1	0	8A
11 Intersil	0	0	0	0	1	0	1	1	0B
12 Monolithic Memories	1	0	0	0	1	1	0	0	8C
13 Mostek	0	0	0	0	1	1	0	1	0D
14 Motorola	0	0	0	0	1	1	1	0	0E
15 National	1	0	0	0	1	1	1	1	8F
16 NEC	0	0	0	1	0	0	0	0	10
17 RCA	1	0	0	1	0	0	0	1	91
18 Raytheon	1	0	0	1	0	0	1	0	92
19 Conexant (Rockwell)	0	0	0	1	0	0	1	1	13
20 Seeq	1	0	0	1	0	1	0	0	94
21 Philips Semi. (Signetics)	0	0	0	1	0	1	0	1	15
22 Synertek	0	0	0	1	0	1	1	0	16
23 Texas Instruments	1	0	0	1	0	1	1	1	97
24 Toshiba	1	0	0	1	1	0	0	0	98
25 Xicor	0	0	0	1	1	0	0	1	19
26 Zilog	0	0	0	1	1	0	1	0	1A
27 Eurotechnique	1	0	0	1	1	0	1	1	9B
28 Mitsubishi	0	0	0	1	1	1	0	0	1C
29 Lucent (AT&T)	1	0	0	1	1	1	0	1	9D
30 Exel	1	0	0	1	1	1	1	0	9E
31 Atmel	0	0	0	1	1	1	1	1	1F
32 SGS/Thomson	0	0	1	0	0	0	0	0	20
33 Lattice Semi.	1	0	1	0	0	0	0	1	A1
34 NCR	1	0	1	0	0	0	1	0	A2
35 Wafer Scale Integration	0	0	1	0	0	0	1	1	23
36 IBM	1	0	1	0	0	1	0	0	A4
37 Tristar	0	0	1	0	0	1	0	1	25
38 Visic	0	0	1	0	0	1	1	0	26
39 Intl. CMOS Technology	1	0	1	0	0	1	1	1	A7
40 SSSI	1	0	1	0	1	0	0	0	A8
41 Microchip Technology	0	0	1	0	1	0	0	1	29
42 Ricoh Ltd.	0	0	1	0	1	0	1	0	2A
43 VLSI	1	0	1	0	1	0	1	1	AB
44 Micron Technology	0	0	1	0	1	1	0	0	2C
45 Hyundai Electronics	1	0	1	0	1	1	0	1	AD
46 OKI Semiconductor	1	0	1	0	1	1	1	0	AE
47 ACTEL	0	0	1	0	1	1	1	1	2F
48 Sharp	1	0	1	1	0	0	0	0	B0

49 Catalyst	0	0	1	1	0	0	0	1	31
50 Panasonic	0	0	1	1	0	0	1	0	32
51 IDT	1	0	1	1	0	0	1	1	B3
52 Cypress	0	0	1	1	0	1	0	0	34
53 DEC	1	0	1	1	0	1	0	1	B5
54 LSI Logic	1	0	1	1	0	1	1	0	B6
55 Plessey	0	0	1	1	0	1	1	1	37
56 UTMC	0	0	1	1	1	0	0	0	38
57 Thinking Machine	1	0	1	1	1	0	0	1	B9
58 Thomson CSF	1	0	1	1	1	0	1	0	BA
59 Integrated CMOS(Vertex)	0	0	1	1	1	0	1	1	3B
60 Honeywell	1	0	1	1	1	1	0	0	BC
61 Tektronix	0	0	1	1	1	1	0	1	3D
62 Sun Microsystems	0	0	1	1	1	1	1	0	3E
63 SST	1	0	1	1	1	1	1	1	BF
64 MOSEL	0	1	0	0	0	0	0	0	40
65 Infineon (formerly Siemens)	1	1	1	0	0	0	0	1	C1
66 Macronix	1	1	0	0	0	0	1	0	C2
67 Xerox	0	1	0	0	0	0	1	1	43
68 Plus Logic	1	1	0	0	0	1	0	0	C4
69 SunDisk	0	1	0	0	0	1	0	1	45
70 Elan Circuit Tech.	0	1	0	0	0	1	1	0	46
71 European Silicon Str.	1	1	0	0	0	1	1	1	C7
72 Apple Computer	1	1	0	0	1	0	0	0	C8
73 Xilinx	0	1	0	0	1	0	0	1	C9
74 Compaq	0	1	0	0	1	0	1	0	4A
75 Protocol Engines	1	1	0	0	1	0	1	1	CB
76 SCI	0	1	0	0	1	1	0	0	4C
77 Seiko Instruments	1	1	0	0	1	1	0	1	CD
78 Samsung	1	1	0	0	1	1	1	0	CE
79 I3 Design System	0	1	0	0	1	1	1	1	4F
80 Klic	1	1	0	1	0	0	0	0	D0
81 Crosspoint Solutions	0	1	0	1	0	0	0	1	51
82 Alliance Semiconductor	0	1	0	1	0	0	1	0	52
83 Tandem	1	1	0	1	0	0	1	1	D3
84 Hewlett-Packard	0	1	0	1	0	1	0	0	54
85 Intg. Silicon Solutions	1	1	0	1	0	1	0	1	D5
86 Brooktree	1	1	0	1	0	1	1	0	D6
87 New Media	0	1	0	1	0	1	1	1	57
88 MHS Electronic	0	1	0	1	1	0	0	0	58
89 Performance Semi.	1	1	0	1	1	0	0	1	D9
90 Winbond Electronic	1	1	0	1	1	0	1	0	DA
91 Kawasaki Steel	0	1	0	1	1	0	1	1	5B
92 Bright Micro	1	1	0	1	1	1	0	0	DC
93 TECMAR	0	1	0	1	1	1	0	1	5D
94 Exar	0	1	0	1	1	1	1	0	5E
95 PCMCIA	1	1	0	1	1	1	1	1	DF
96 Goldstar	1	1	1	0	0	0	0	0	E0
97 Northern Telecom	0	1	1	0	0	0	0	1	61
98 Sanyo	0	1	1	0	0	0	1	0	62

99	Array Microsystems	1	1	1	0	0	0	1	1	E3
100	Crystal Semiconductor	0	1	1	0	0	1	0	0	64
101	Analog Devices	1	1	1	0	0	1	0	1	E5
102	PMC-Sierra	1	1	1	0	0	1	1	0	E6
103	Asparix	0	1	1	0	0	1	1	1	67
104	Convex Computer	0	1	1	0	1	0	0	0	68
105	Quality Semiconductor	1	1	1	0	1	0	0	1	E9
106	Nimbus Technology	1	1	1	0	1	0	1	0	EA
107	Transwitch	0	1	1	0	1	0	1	1	6B
108	ITT Intermetall	1	1	1	0	1	1	0	0	EC
109	Cannon	0	1	1	0	1	1	0	1	6D
110	Altera	0	1	1	0	1	1	1	0	6E
111	NEXCOM	1	1	1	0	1	1	1	1	EF
112	QUALCOMM	0	1	1	1	0	0	0	0	70
113	Sony	1	1	1	1	0	0	0	1	F1
114	Cray Research	1	1	1	1	0	0	1	0	F2
115	AMS(Austria Micro)	0	1	1	1	0	0	1	1	73
116	Vitesse	1	1	1	1	0	1	0	0	F4
117	Aster Electronics	0	1	1	1	0	1	0	1	75
118	Bay Networks(Synoptic)	0	1	1	1	0	1	1	0	76
119	Zentrum Mikroelectk.	1	1	1	1	0	1	1	1	F7
120	TRW	1	1	1	1	1	0	0	0	F8
121	Thesys	0	1	1	1	1	0	0	1	79
122	Solbourne Computer	0	1	1	1	1	0	1	0	7A
123	Allied-Signal	1	1	1	1	1	0	1	1	FB
124	Dialog	0	1	1	1	1	1	0	0	7C
125	Media Vision	1	1	1	1	1	1	0	1	FD
126	Level One	1	1	1	1	1	1	1	0	FE
	Communication									
	Continuation Code	0	1	1	1	1	1	1	1	7F

Q1 = LSB Q8 = Parity bit

NOTES

1 Hex is derived from the binary after the parity bit is added.
Binary is derived from the decimal.

2 Number 126 is the last number permitted in bank 1.

NOTE - The following numbers are all in bank two:

COMPANY	8	7	6	5	4	3	2	1	HEX
Continuation Code	0	1	1	1	1	1	1	1	7F
1 Cirrus Logic	0	0	0	0	0	0	0	1	01
2 National Instruments	0	0	0	0	0	0	1	0	02
3 ILC Data Device	1	0	0	0	0	0	1	1	83
4 Alcatel Mietec	0	0	0	0	0	1	0	0	04
5 Micro Linear	1	0	0	0	0	1	0	1	85
6 Univ. of NC	1	0	0	0	0	1	1	0	86
7 JTAG Technologies	0	0	0	0	0	1	1	1	07
8 Loral	0	0	0	0	1	0	0	0	08
9 Nchip	1	0	0	0	1	0	0	1	89
10 Galileo Tech	1	0	0	0	1	0	1	0	8A
11 Bestlink Systems	0	0	0	0	1	0	1	1	0B
12 Graychip	1	0	0	0	1	1	0	0	8C
13 GENNUM	0	0	0	0	1	1	0	1	0D
14 VideoLogic	0	0	0	0	1	1	1	0	0E
15 Robert Bosch	1	0	0	0	1	1	1	1	8F
16 Chip Express	0	0	0	1	0	0	0	0	10
17 DATARAM	1	0	0	1	0	0	0	1	91
18 United Microelec Corp.	1	0	0	1	0	0	1	0	92
19 TCSI	0	0	0	1	0	0	1	1	13
20 Smart Modular	1	0	0	1	0	1	0	0	94
21 Hughes Aircraft	0	0	0	1	0	1	0	1	15
22 Lanstar Semiconductor	0	0	0	1	0	1	1	0	16
23 Qlogic	1	0	0	1	0	1	1	1	97
24 Kingston	1	0	0	1	1	0	0	0	98
25 Music Semi	0	0	0	1	1	0	0	1	19
26 Ericsson Components	0	0	0	1	1	0	1	0	1A
27 SpaSE	1	0	0	1	1	0	1	1	9B
28 Eon Silicon Devices	0	0	0	1	1	1	0	0	1C
29 Programmable Micro Corp	1	0	0	1	1	1	0	1	9D
30 DoD	1	0	0	1	1	1	1	0	9E
31 Integ. Memories Tech.	0	0	0	1	1	1	1	1	1F
32 Corollary Inc.	0	0	1	0	0	0	0	0	20
33 Dallas Semiconductor	1	0	1	0	0	0	0	1	A1
34 Omnivision	1	0	1	0	0	0	1	0	A2
35 EIV(Switzerland)	0	0	1	0	0	0	1	1	23
36 Novatel Wireless	1	0	1	0	0	1	0	0	A4
37 Mitel	0	0	1	0	0	1	0	1	25
38 Clearpoint	0	0	1	0	0	1	1	0	26
39 Cabletron	1	0	1	0	0	1	1	1	A7
40 Simple Technology	1	0	1	0	1	0	0	0	A8
41 Vanguard	0	0	1	0	1	0	0	1	29
42 Hagiwara Sys-Com	0	0	1	0	1	0	1	0	2A
43 Vantis	1	0	1	0	1	0	1	1	AB
44 Celestica	0	0	1	0	1	1	0	0	2C
45 Century	1	0	1	0	1	1	0	1	AD
46 Hal Computers	1	0	1	0	1	1	1	0	AE
47 Rohm Company Ltd.	0	0	1	0	1	1	1	1	2F

48	Juniper Networks	1	0	1	1	0	0	0	0	B0
49	Libit Signal Processing	0	0	1	1	0	0	0	1	31
50	Enhanced Memories Inc.	0	0	1	1	0	0	1	0	32
51	Tundra Semiconductor	1	0	1	1	0	0	1	1	B3
52	Adaptec Inc.	0	0	1	1	0	1	0	0	34
53	LightSpeed Semi.	1	0	1	1	0	1	0	1	B5
54	ZSP Corp.	1	0	1	1	0	1	1	0	B6
55	AMIC Technology	0	0	1	1	0	1	1	1	37
56	Adobe Systems	0	0	1	1	1	0	0	0	38
57	Dynachip	1	0	1	1	1	0	0	1	B9
58	PNY Electronics	1	0	1	1	1	0	1	0	BA
59	Newport Digital	0	0	1	1	1	0	1	1	3B
60	MMC Networks	1	0	1	1	1	1	0	0	BC
61	T Square	0	0	1	1	1	1	0	1	3D
62	Seiko Epson	0	0	1	1	1	1	1	0	3E
63	Broadcom	1	0	1	1	1	1	1	1	BF
64	Viking Components	0	1	0	0	0	0	0	0	40
65	V3 Semiconductor	1	1	0	0	0	0	0	1	C1
66	Orbit Semiconductor	1	1	0	0	0	0	1	0	C2
67	Suwa Electronics	0	1	0	0	0	0	1	1	43
68	Transmeta	1	1	0	0	0	1	0	0	C4
69	Micron CMS	0	1	0	0	0	1	0	1	45
70	American Computer & Digital Components Inc	0	1	0	0	0	1	1	0	46
71	Enhance 3000 Inc	1	1	0	0	0	1	1	1	C7
72	Tower Semiconductor	1	1	0	0	1	0	0	0	C8
73	CPU Design	0	1	0	0	1	0	0	1	49
74	Price Point	0	1	0	0	1	0	1	0	4A
75	Maxim Integrated Product	1	1	0	0	1	0	1	1	CB
76	Tellabs	0	1	0	0	1	1	0	0	4C
77	Centaur Technology	1	1	0	0	1	1	0	1	CD
78	Unigen Corporation	1	1	0	0	1	1	1	0	CE
79	Transcend Information	0	1	0	0	1	1	1	1	4F
80	Memory Card Technology	1	1	0	1	0	0	0	0	D0
81	CKD Corporation Ltd.	0	1	0	1	0	0	0	1	51
82	Capital Instruments, Inc.	0	1	0	1	0	0	1	0	52
83	Aica Kogyo, Ltd.	1	1	0	1	0	0	1	1	D3
84	Linvox Technology	0	1	0	1	0	1	0	0	54
85	MSC Vertriebs GmbH	1	1	0	1	0	1	0	1	D5
86	AKM Company, Ltd.	1	1	0	1	0	1	1	0	D6
87	Dynamem, Inc.	0	1	0	1	0	1	1	1	57
88	NERA ASA	0	1	0	1	1	0	0	0	58
89	GSI Technology	1	1	0	1	1	0	0	1	D9
90	C Memory	1	1	0	1	1	0	1	0	DA
91	Acorn Computers	0	1	0	1	1	0	1	1	5B
92	Lara Technology	1	1	0	1	1	1	0	0	DC
93	Oak Technology, Inc.	0	1	0	1	1	1	0	1	5D
94	Itec Memory	0	1	0	1	1	1	1	0	5E
95	Tanisys Technology	1	1	0	1	1	1	1	1	DF
96	Truevision	1	1	1	0	0	0	0	0	E0

97	Wintec Industries	0	1	1	0	0	0	0	1	61
98	Super PC Memory	0	1	1	0	0	0	1	0	62
99	MGV Memory	1	1	1	0	0	0	1	1	E3
100	Galvantech	0	1	1	0	0	1	0	0	64
101	Gadzoox Nteworks	1	1	1	0	0	1	0	1	E5
102	Multi Dimensional Cons.	1	1	1	0	0	1	1	0	E6
103	GateField	0	1	1	0	0	1	1	1	67
104	Integrated Memory System	0	1	1	0	1	0	0	0	68
105	Triscend	1	1	1	0	1	0	0	1	E9
106	XaQti	1	1	1	0	1	0	1	0	EA
107	Goldenram	0	1	1	0	1	0	1	1	6B
108	Clear Logic	1	1	1	0	1	1	0	0	EC
109	Cimaron Communications	0	1	1	0	1	1	0	1	6D
110	Nippon Steel Semi. Corp.	0	1	1	0	1	1	1	0	6E
111	Advantage Memory	1	1	1	0	1	1	1	1	EF
112	AMCC	0	1	1	1	0	0	0	0	70
113	LeCroy	1	1	1	1	0	0	0	1	F1
114	Yamaha Corporation	1	1	1	1	0	0	1	0	F2
115	Digital Microwave	0	1	1	1	0	0	1	1	73
116	NetLogic Microsystems	1	1	1	1	0	1	0	0	F4
117	MIMOS Semiconductor	0	1	1	1	0	1	0	1	75
118	Advanced Fibre	0	1	1	1	0	1	1	0	76
119	BF Goodrich Data.	1	1	1	1	0	1	1	1	F7
120	Epigram	1	1	1	1	1	0	0	0	F8
121	Acbel Polytech Inc.	0	1	1	1	1	0	0	1	79
122	Apacer Technology	0	1	1	1	1	0	1	0	7A
123	Admor Memory	1	1	1	1	1	0	1	1	FB
124	FOXCONN	0	1	1	1	1	1	0	0	7C
125	Quadratics Superconductor	1	1	1	1	1	1	0	1	FD
126	3COM	1	1	1	1	1	1	1	0	FE
	Continuation Code	0	1	1	1	1	1	1	1	7F

Q1 = LSB Q8 = Parity bit

NOTES

1 Hex is derived from the binary after the parity bit is added.
Binary is derived from the decimal.

2 Number 126 is the last number permitted in bank 2.

NOTE - The following numbers are all in bank three:

COMPANY	8	7	6	5	4	3	2	1	HEX
Continuation Code	0	1	1	1	1	1	1	1	7F
Continuation Code	0	1	1	1	1	1	1	1	7F
1 Camintonn Corporation	0	0	0	0	0	0	0	1	01
2 ISOA Incorporated	0	0	0	0	0	0	1	0	02
3 Agate Semiconductor	1	0	0	0	0	0	1	1	83
4 ADMtek Incorporated	0	0	0	0	0	1	0	0	04
5 HYPERTEC	1	0	0	0	0	1	0	1	85
6 Adhoc Technologies	1	0	0	0	0	1	1	0	86
7 MOSAID Technologies	0	0	0	0	0	1	1	1	07
8 Ardent Technologies	0	0	0	0	1	0	0	0	08
9 Switchcore	1	0	0	0	1	0	0	1	89
10 Cisco Systems, Inc.	1	0	0	0	1	0	1	0	8A
11 Allayer Technologies	0	0	0	0	1	0	1	1	0B
12 Wichmann WorkX AG	1	0	0	0	1	1	0	0	8C
13 Oasis Semiconductor	0	0	0	0	1	1	0	1	0D
14 Novanet Semiconductor	0	0	0	0	1	1	1	0	0E
15 E-M Solutions	1	0	0	0	1	1	1	1	8F
16 Power General	0	0	0	1	0	0	0	0	10
17 Advanced Hardware Arch.	1	0	0	1	0	0	0	1	91
18 Inova Semiconductors GmbH	1	0	0	1	0	0	1	0	92
19 Telocity	0	0	0	1	0	0	1	1	13
20 Delkin Devices	1	0	0	1	0	1	0	0	94
21 Symagery Microsystems	0	0	0	1	0	1	0	1	15
22 C-Port Corporation	0	0	0	1	0	1	1	0	16
23 SiberCore Technologies	1	0	0	1	0	1	1	1	97
24 Southland Microsystems	1	0	0	1	1	0	0	0	98
25 Malleable Technologies	0	0	0	1	1	0	0	1	19
26 Kendin Communications	0	0	0	1	1	0	1	0	1A
27 Great Technology Microcomputer	1	0	0	1	1	0	1	1	9B
28 Sanmina Corporation	0	0	0	1	1	1	0	0	1C
29 HADCO Corporation	1	0	0	1	1	1	0	1	9D
30 Corsair	1	0	0	1	1	1	1	0	9E
31 Actrans System Inc.	0	0	0	1	1	1	1	1	1F
32 ALPHA Technologies	0	0	1	0	0	0	0	0	20
33 Cygnal Integrated Products Incorporated	1	0	1	0	0	0	0	1	A1
34 Artesyn Technologies	1	0	1	0	0	0	1	0	A2
35 Align Manufacturing	0	0	1	0	0	0	1	1	23
36 Peregrine Semiconductor	1	0	1	0	0	1	0	0	A4
37 Chameleon Systems	0	0	1	0	0	1	0	1	25
38 Aplus Flash Technology	0	0	1	0	0	1	1	0	26
39 MIPS Technologies	1	0	1	0	0	1	1	1	A7
40 Chrysalis ITS	1	0	1	0	1	0	0	0	A8
41 ADTEC Corporation	0	0	1	0	1	0	0	1	29
42 Kentron Technologies	0	0	1	0	1	0	1	0	2A
43 Win Technologies	1	0	1	0	1	0	1	1	AB

44	ASIC Designs Inc	0	0	1	0	1	1	0	0	2C
45	Extreme Packet Devices	1	0	1	0	1	1	0	1	AD
46	RF Micro Devices	1	0	1	0	1	1	1	0	AE
47	Siemens AG	0	0	1	0	1	1	1	1	2F
48	Sarnoff Corporation	1	0	1	1	0	0	0	0	B0
49	Itautec Philco SA	0	0	1	1	0	0	0	1	31
50	Radiata Inc.	0	0	1	1	0	0	1	0	32
51	AVEX Electronics	1	0	1	1	0	0	1	1	B3
52	Legend	0	0	1	1	0	1	0	0	34
53	SpecTek Incorporated	1	0	1	1	0	1	0	1	B5
54	Hi/fn	1	0	1	1	0	1	1	0	B6
55	Enikia Incorporated	0	0	1	1	0	1	1	1	37
56	SwitchOn Networks	0	0	1	1	1	0	0	0	38
57	AANetcom Incorporated	1	0	1	1	1	0	0	1	B9
58	Micro Memory Bank	1	0	1	1	1	0	1	0	BA
59	ESS Technology	0	0	1	1	1	0	1	1	3B
60	Virata Corporation	1	0	1	1	1	1	0	0	BC
61	Excess Bandwidth	0	0	1	1	1	1	0	1	3D
62	West bay Semiconductor	0	0	1	1	1	1	1	0	3E
63	DSP Group	1	0	1	1	1	1	1	1	BF
64	Newport Communications	0	1	0	0	0	0	0	0	40
65	Chip2Chip Incorporated	1	1	0	0	0	0	0	1	C1
66	Phobos Corporation	1	1	0	0	0	0	1	0	C2
67	Intellitech Corporation	0	1	0	0	0	0	1	1	43
68	Nordic VLSI ASA	1	1	0	0	0	1	0	0	C4
69	Ishoni Networks	0	1	0	0	0	1	0	1	45
70	Silicon Spice	0	1	0	0	0	1	1	0	46
71	Alchemy Semiconductor	1	1	0	0	0	1	1	1	C7
72	Agilent Technologies	1	1	0	0	1	0	0	0	C8
73	Centillium Communications	0	1	0	0	1	0	0	1	49
74	W.L. Gore	0	1	0	0	1	0	1	0	4A
75	HanBit Electronics	1	1	0	0	1	0	1	1	CB
76	GlobeSpan	0	1	0	0	1	1	0	0	4C
77	Element 14	1	1	0	0	1	1	0	1	CD
78	Pycon	1	1	0	0	1	1	1	0	CE
79	Saifun Semiconductors	0	1	0	0	1	1	1	1	4F
80	Sibyte, Incorporated	1	1	0	1	0	0	0	0	D0
81	MetaLink Technologies	0	1	0	1	0	0	0	0	51
82	Feiya Technology	0	1	0	1	0	0	1	0	52
83	I & C Technology	1	1	0	1	0	0	1	1	D3
84	Shikatronics	0	1	0	1	0	1	0	0	54
85	Elektrobit	1	1	0	1	0	1	0	1	D5

As of April 28, 2000

