JEDEC STANDARD

Standard Manufacturer's Identification Code

JEP106AD
(Revision of JEP106AC, August 2010)

JANUARY 2011

JEDEC SOLID STATE TECHNOLOGY ASSOCIATION

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STANDARD MANUFACTURER'S IDENTIFICATION CODE

(Formerly JEDEC Board Ballot JCB-94-02, formulated under the cognizance of JC-42.3 Subcommittee 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 126. 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) 907-7540. The present list is complete as of December 21, 2010. 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 Freescale (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 NXP (Philips)	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 MicrochipTechnology	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 Hynix Semiconductor (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	Zarlink (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	Oracle Corporation	0	0	1	1	1	1	1	0	3E
63	Silicon Storage Technology	1	0	1	1	1	1	1	1	BF
64	ProMos/Mosel Vitelic	0	1	0	0	0	0	0	0	40
65	Infineon (Siemens)	1	1	0	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	SanDisk Corporation	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	49
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	LG Semi (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	Micronas (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/ZMD	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 Semiconductor	0	1	1	1	1	1	0	0	7C
125	Media Vision	1	1	1	1	1	1	0	1	FD
126	Numonyx Corporation	1	1	1	1	1	1	1	0	FE

Q1 = LSB   Q8 = Parity bit

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

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

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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 BAE Systems (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 Microelectronics 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 Zarlink (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 STEC (Silicon Tech)	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 Mushkin Enhanced Memory	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 Flextronics (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 Linvex 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 Dane-Elec (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 Networks	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

Q1 = LSB   Q8 = Parity bit

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

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

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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 WorkX AG (Wichman)	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 Silicon Laboratories, Inc. (Cygnal)	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 Tachyon Semiconductor (ASIC)	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 SA	0	0	1	1	0	0	0	1	31
50	Radiata Inc.	0	0	1	1	0	0	1	0	32
51	Benchmark Elect. (AVEX)	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	1	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
86	Megic	1	1	0	1	0	1	1	0	D6
87	Com-Tier	0	1	0	1	0	1	1	1	57
88	Malaysia Micro Solutions	0	1	0	1	1	0	0	0	58
89	Hyperchip	1	1	0	1	1	0	0	1	D9
90	Gemstone Communications	1	1	0	1	1	0	1	0	DA
91	Anadigm (Anadyne)	0	1	0	1	1	0	1	1	5B
92	3ParData	1	1	0	1	1	1	0	0	DC
93	Mellanox Technologies	0	1	0	1	1	1	0	1	5D
94	Tenx Technologies	0	1	0	1	1	1	1	0	5E
95	Helix AG	1	1	0	1	1	1	1	1	DF
96	Domosys	1	1	1	0	0	0	0	0	E0

		Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Hex
97	Skyup Technology	0	1	1	0	0	0	0	1	61
98	HiNT Corporation	0	1	1	0	0	0	1	0	62
99	Chiaro	1	1	1	0	0	0	1	1	E3
100	MDT Technologies GmbH	0	1	1	0	0	1	0	0	64
101	Exbit Technology A/S	1	1	1	0	0	1	0	1	E5
102	Integrated Technology Express	1	1	1	0	0	1	1	0	E6
103	AVED Memory	0	1	1	0	0	1	1	1	67
104	Legerity	0	1	1	0	1	0	0	0	68
105	Jasmine Networks	1	1	1	0	1	0	0	1	E9
106	Caspian Networks	1	1	1	0	1	0	1	0	EA
107	nCUBE	0	1	1	0	1	0	1	1	6B
108	Silicon Access Networks	1	1	1	0	1	1	0	0	EC
109	FDK Corporation	0	1	1	0	1	1	0	1	6D
110	High Bandwidth Access	0	1	1	0	1	1	1	0	6E
111	MultiLink Technology	1	1	1	0	1	1	1	1	EF
112	BRECIS	0	1	1	1	0	0	0	0	70
113	World Wide Packets	1	1	1	1	0	0	0	1	F1
114	APW	1	1	1	1	0	0	1	0	F2
115	Chicory Systems	0	1	1	1	0	0	1	1	73
116	Xstream Logic	1	1	1	1	0	1	0	0	F4
117	Fast-Chip	0	1	1	1	0	1	0	1	75
118	Zucotto Wireless	0	1	1	1	0	1	1	0	76
119	Realchip	1	1	1	1	0	1	1	1	F7
120	Galaxy Power	1	1	1	1	1	0	0	0	F8
121	eSilicon	0	1	1	1	1	0	0	1	79
122	Morphics Technology	0	1	1	1	1	0	1	0	7A
123	Accelerant Networks	1	1	1	1	1	0	1	1	FB
124	Silicon Wave	0	1	1	1	1	1	0	0	7C
125	SandCraft	1	1	1	1	1	1	0	1	FD
126	Elpida	1	1	1	1	1	1	1	0	FE

Q1 = LSB   Q8 = Parity bit

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

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

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The following numbers are all in bank four:

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**
Continuation Code	**0**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**7F**
1 Solectron	0	0	0	0	0	0	0	1	01
2 Optosys Technologies	0	0	0	0	0	0	1	0	02
3 Buffalo (Formerly Melco)	1	0	0	0	0	0	1	1	83
4 TriMedia Technologies	0	0	0	0	0	1	0	0	04
5 Cyan Technologies	1	0	0	0	0	1	0	1	85
6 Global Locate	1	0	0	0	0	1	1	0	86
7 Optillion	0	0	0	0	0	1	1	1	07
8 Terago Communications	0	0	0	0	1	0	0	0	08
9 Ikanos Communications	1	0	0	0	1	0	0	1	89
10 Princeton Technology	1	0	0	0	1	0	1	0	8A
11 Nanya Technology	0	0	0	0	1	0	1	1	0B
12 Elite Flash Storage	1	0	0	0	1	1	0	0	8C
13 Mysticom	0	0	0	0	1	1	0	1	0D
14 LightSand Communications	0	0	0	0	1	1	1	0	0E
15 ATI Technologies	1	0	0	0	1	1	1	1	8F
16 Agere Systems	0	0	0	1	0	0	0	0	10
17 NeoMagic	1	0	0	1	0	0	0	1	91
18 AuroraNetics	1	0	0	1	0	0	1	0	92
19 Golden Empire	0	0	0	1	0	0	1	1	13
20 Mushkin	1	0	0	1	0	1	0	0	94
21 Tioga Technologies	0	0	0	1	0	1	0	1	15
22 Netlist	0	0	0	1	0	1	1	0	16
23 TeraLogic	1	0	0	1	0	1	1	1	97
24 Cicada Semiconductor	1	0	0	1	1	0	0	0	98
25 Centon Electronics	0	0	0	1	1	0	0	1	19
26 Tyco Electronics	0	0	0	1	1	0	1	0	1A
27 Magis Works	1	0	0	1	1	0	1	1	9B
28 Zettacom	0	0	0	1	1	1	0	0	1C
29 Cogency Semiconductor	1	0	0	1	1	1	0	1	9D
30 Chipcon AS	1	0	0	1	1	1	1	0	9E
31 Aspex Technology	0	0	0	1	1	1	1	1	1F
32 F5 Networks	0	0	1	0	0	0	0	0	20
33 Programmable Silicon Solutions	1	0	1	0	0	0	0	1	A1
34 ChipWrights	1	0	1	0	0	0	1	0	A2
35 Acorn Networks	0	0	1	0	0	0	1	1	23
36 Quicklogic	1	0	1	0	0	1	0	0	A4
37 Kingmax Semiconductor	0	0	1	0	0	1	0	1	25
38 BOPS	0	0	1	0	0	1	1	0	26
39 Flasys	1	0	1	0	0	1	1	1	A7
40 BitBlitz Communications	1	0	1	0	1	0	0	0	A8
41 eMemory Technology	0	0	1	0	1	0	0	1	29
42 Procket Networks	0	0	1	0	1	0	1	0	2A
43 Purple Ray	1	0	1	0	1	0	1	1	AB
44 Trebia Networks	0	0	1	0	1	1	0	0	2C

45	Delta Electronics	1	0	1	0	1	1	0	1	AD
46	Onex Communications	1	0	1	0	1	1	1	0	AE
47	Ample Communications	0	0	1	0	1	1	1	1	2F
48	Memory Experts Intl	1	0	1	1	0	0	0	0	B0
49	Astute Networks	0	0	1	1	0	0	0	1	31
50	Azanda Network Devices	0	0	1	1	0	0	1	0	32
51	Dibcom	1	0	1	1	0	0	1	1	B3
52	Tekmos	0	0	1	1	0	1	0	0	34
53	API NetWorks	1	0	1	1	0	1	0	1	B5
54	Bay Microsystems	1	0	1	1	0	1	1	0	B6
55	Firecron Ltd	0	0	1	1	0	1	1	1	37
56	Resonext Communications	0	0	1	1	1	0	0	0	38
57	Tachys Technologies	1	0	1	1	1	0	0	1	B9
58	Equator Technology	1	0	1	1	1	0	1	0	BA
59	Concept Computer	0	0	1	1	1	0	1	1	3B
60	SILCOM	1	0	1	1	1	1	0	0	BC
61	3Dlabs	0	0	1	1	1	1	0	1	3D
62	c't Magazine	0	0	1	1	1	1	1	0	3E
63	Sanera Systems	1	0	1	1	1	1	1	1	BF
64	Silicon Packets	0	1	0	0	0	0	0	0	40
65	Viasystems Group	1	1	0	0	0	0	0	1	C1
66	Simtek	1	1	0	0	0	0	1	0	C2
67	Semicon Devices Singapore	0	1	0	0	0	0	1	1	43
68	Satron Handelsges	1	1	0	0	0	1	0	0	C4
69	Improv Systems	0	1	0	0	0	1	0	1	45
70	INDUSYS GmbH	0	1	0	0	0	1	1	0	46
71	Corrent	1	1	0	0	0	1	1	1	C7
72	Infrant Technologies	1	1	0	0	1	0	0	0	C8
73	Ritek Corp	0	1	0	0	1	0	0	1	49
74	empowerTel Networks	0	1	0	0	1	0	1	0	4A
75	Hypertec	1	1	0	0	1	0	1	1	CB
76	Cavium Networks	0	1	0	0	1	1	0	0	4C
77	PLX Technology	1	1	0	0	1	1	0	1	CD
78	Massana Design	1	1	0	0	1	1	1	0	CE
79	Intrinsity	0	1	0	0	1	1	1	1	4F
80	Valence Semiconductor	1	1	0	1	0	0	0	0	D0
81	Terawave Communications	0	1	0	1	0	0	0	1	51
82	IceFyre Semiconductor	0	1	0	1	0	0	1	0	52
83	Primarion	1	1	0	1	0	0	1	1	D3
84	Picochip Designs Ltd	0	1	0	1	0	1	0	0	54
85	Silverback Systems	1	1	0	1	0	1	0	1	D5
86	Jade Star Technologies	1	1	0	1	0	1	1	0	D6
87	Pijnenburg Securealink	0	1	0	1	0	1	1	1	57
88	takeMS International AG	0	1	0	1	1	0	0	0	58
89	Cambridge Silicon Radio	1	1	0	1	1	0	0	1	D9
90	Swissbit	1	1	0	1	1	0	1	0	DA
91	Nazomi Communications	0	1	0	1	1	0	1	1	5B
92	eWave System	1	1	0	1	1	1	0	0	DC
93	Rockwell Collins	0	1	0	1	1	1	0	1	5D
94	Picocel Co. Ltd. (Paion)	0	1	0	1	1	1	1	0	5E
95	Alphamosaic Ltd	1	1	0	1	1	1	1	1	DF

		Q1						Q8	Hex
96	Sandburst	1	1	1	0	0	0	0	0	E0
97	SiCon Video	0	1	1	0	0	0	0	1	61
98	NanoAmp Solutions	0	1	1	0	0	0	1	0	62
99	Ericsson Technology	1	1	1	0	0	0	1	1	E3
100	PrairieComm	0	1	1	0	0	1	0	0	64
101	Mitac International	1	1	1	0	0	1	0	1	E5
102	Layer N Networks	1	1	1	0	0	1	1	0	E6
103	MtekVision (Atsana)	0	1	1	0	0	1	1	1	67
104	Allegro Networks	0	1	1	0	1	0	0	0	68
105	Marvell Semiconductors	1	1	1	0	1	0	0	1	E9
106	Netergy Microelectronic	1	1	1	0	1	0	1	0	EA
107	NVIDIA	0	1	1	0	1	0	1	1	6B
108	Internet Machines	1	1	1	0	1	1	0	0	EC
109	Peak Electronics	0	1	1	0	1	1	0	1	6D
110	Litchfield Communication	0	1	1	0	1	1	1	0	6E
111	Accton Technology	1	1	1	0	1	1	1	1	EF
112	Teradiant Networks	0	1	1	1	0	0	0	0	70
113	Scaleo Chip	1	1	1	1	0	0	0	1	F1
114	Cortina Systems	1	1	1	1	0	0	1	0	F2
115	RAM Components	0	1	1	1	0	0	1	1	73
116	Raqia Networks	1	1	1	1	0	1	0	0	F4
117	ClearSpeed	0	1	1	1	0	1	0	1	75
118	Matsushita Battery	0	1	1	1	0	1	1	0	76
119	Xelerated	1	1	1	1	0	1	1	1	F7
120	SimpleTech	1	1	1	1	1	0	0	0	F8
121	Utron Technology	0	1	1	1	1	0	0	1	79
122	Astec International	0	1	1	1	1	0	1	0	7A
123	AVM gmbH	1	1	1	1	1	0	1	1	FB
124	Redux Communications	0	1	1	1	1	1	0	0	7C
125	Dot Hill Systems	1	1	1	1	1	1	0	1	FD
126	TeraChip	1	1	1	1	1	1	1	0	FE

Q1 = LSB   Q8 = Parity bit

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

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

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The following numbers are all in bank five:

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**
Continuation Code	**0**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**7F**
Continuation Code	**0**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**7F**
1 T-RAM Incorporated	0	0	0	0	0	0	0	1	01
2 Innovics Wireless	0	0	0	0	0	0	1	0	02
3 Teknovus	1	0	0	0	0	0	1	1	83
4 KeyEye Communications	0	0	0	0	0	1	0	0	04
5 Runcom Technologies	1	0	0	0	0	1	0	1	85
6 RedSwitch	1	0	0	0	0	1	1	0	86
7 Dotcast	0	0	0	0	0	1	1	1	07
8 Silicon Mountain Memory	0	0	0	0	1	0	0	0	08
9 Signia Technologies	1	0	0	0	1	0	0	1	89
10 Pixim	1	0	0	0	1	0	1	0	8A
11 Galazar Networks	0	0	0	0	1	0	1	1	0B
12 White Electronic Designs	1	0	0	0	1	1	0	0	8C
13 Patriot Scientific	0	0	0	0	1	1	0	1	0D
14 Neoaxiom Corporation	0	0	0	0	1	1	1	0	0E
15 3Y Power Technology	1	0	0	0	1	1	1	1	8F
16 Scaleo Chip	0	0	0	1	0	0	0	0	10
17 Potentia Power Systems	1	0	0	1	0	0	0	1	91
18 C-guys Incorporated	1	0	0	1	0	0	1	0	92
19 Digital Communications Technology Incorporated	0	0	0	1	0	0	1	1	13
20 Silicon-Based Technology	1	0	0	1	0	1	0	0	94
21 Fulcrum Microsystems	0	0	0	1	0	1	0	1	15
22 Positivo Informatica Ltd	0	0	0	1	0	1	1	0	16
23 XIOtech Corporation	1	0	0	1	0	1	1	1	97
24 PortalPlayer	1	0	0	1	1	0	0	0	98
25 Zhiying Software	0	0	0	1	1	0	0	1	19
26 ParkerVision, Inc.	0	0	0	1	1	0	1	0	1A
27 Phonex Broadband	1	0	0	1	1	0	1	1	9B
28 Skyworks Solutions	0	0	0	1	1	1	0	0	1C
29 Entropic Communications	1	0	0	1	1	1	0	1	9D
30 Pacific Force Technology	1	0	0	1	1	1	1	0	9E
31 Zensys A/S	0	0	0	1	1	1	1	1	1F
32 Legend Silicon Corp.	0	0	1	0	0	0	0	0	20
33 Sci-worx GmbH	1	0	1	0	0	0	0	1	A1
34 SMSC (Standard Microsystems)	1	0	1	0	0	0	1	0	A2
35 Renesas Electronics	0	0	1	0	0	0	1	1	23
36 Raza Microelectronics	1	0	1	0	0	1	0	0	A4
37 Phyworks	0	0	1	0	0	1	0	1	25
38 MediaTek	0	0	1	0	0	1	1	0	26
39 Non-cents Productions	1	0	1	0	0	1	1	1	A7
40 US Modular	1	0	1	0	1	0	0	0	A8
41 Wintegra Ltd.	0	0	1	0	1	0	0	1	29
42 Mathstar	0	0	1	0	1	0	1	0	2A
43 StarCore	1	0	1	0	1	0	1	1	AB

44	Oplus Technologies	0	0	1	0	1	1	0	0	2C
45	Mindspeed	1	0	1	0	1	1	0	1	AD
46	Just Young Computer	1	0	1	0	1	1	1	0	AE
47	Radia Communications	0	0	1	0	1	1	1	1	2F
48	OCZ	1	0	1	1	0	0	0	0	B0
49	Emuzed	0	0	1	1	0	0	0	1	31
50	LOGIC Devices	0	0	1	1	0	0	1	0	32
51	Inphi Corporation	1	0	1	1	0	0	1	1	B3
52	Quake Technologies	0	0	1	1	0	1	0	0	34
53	Vixel	1	0	1	1	0	1	0	1	B5
54	SolusTek	1	0	1	1	0	1	1	0	B6
55	Kongsberg Maritime	0	0	1	1	0	1	1	1	37
56	Faraday Technology	0	0	1	1	1	0	0	0	38
57	Altium Ltd.	1	0	1	1	1	0	0	1	B9
58	Insyte	1	0	1	1	1	0	1	0	BA
59	ARM Ltd.	0	0	1	1	1	0	1	1	3B
60	DigiVision	1	0	1	1	1	1	0	0	BC
61	Vativ Technologies	0	0	1	1	1	1	0	1	3D
62	Endicott Interconnect Technologies	0	0	1	1	1	1	1	0	3E
63	Pericom	1	0	1	1	1	1	1	1	BF
64	Bandspeed	0	1	0	0	0	0	0	0	40
65	LeWiz Communications	1	1	0	0	0	0	0	1	C1
66	CPU Technology	1	1	0	0	0	0	1	0	C2
67	Ramaxel Technology	0	1	0	0	0	0	1	1	43
68	DSP Group	1	1	0	0	0	1	0	0	C4
69	Axis Communications	0	1	0	0	0	1	0	1	45
70	Legacy Electronics	0	1	0	0	0	1	1	0	46
71	Chrontel	1	1	0	0	0	1	1	1	C7
72	Powerchip Semiconductor	1	1	0	0	1	0	0	0	C8
73	MobilEye Technologies	0	1	0	0	1	0	0	1	49
74	Excel Semiconductor	0	1	0	0	1	0	1	0	4A
75	A-DATA Technology	1	1	0	0	1	0	1	1	CB
76	VirtualDigm	0	1	0	0	1	1	0	0	4C
77	G Skill Intl	1	1	0	0	1	1	0	1	CD
78	Quanta Computer	1	1	0	0	1	1	1	0	CE
79	Yield Microelectronics	0	1	0	0	1	1	1	1	4F
80	Afa Technologies	1	1	0	1	0	0	0	0	D0
81	KINGBOX Technology Co. Ltd.	0	1	0	1	0	0	0	1	51
82	Ceva	0	1	0	1	0	0	1	0	52
83	iStor Networks	1	1	0	1	0	0	1	1	D3
84	Advance Modules	0	1	0	1	0	1	0	0	54
85	Microsoft	1	1	0	1	0	1	0	1	D5
86	Open-Silicon	1	1	0	1	0	1	1	0	D6
87	Goal Semiconductor	0	1	0	1	0	1	1	1	57
88	ARC International	0	1	0	1	1	0	0	0	58
89	Simmtec	1	1	0	1	1	0	0	1	D9
90	Metanoia	1	1	0	1	1	0	1	0	DA
91	Key Stream	0	1	0	1	1	0	1	1	5B
92	Lowrance Electronics	1	1	0	1	1	1	0	0	DC
93	Adimos	0	1	0	1	1	1	0	1	5D
94	SiGe Semiconductor	0	1	0	1	1	1	1	0	5E

		Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Hex
95	Fodus Communications	1	1	0	1	1	1	1	1	DF
96	Credence Systems Corp.	1	1	1	0	0	0	0	0	E0
97	Genesis Microchip Inc.	0	1	1	0	0	0	0	1	61
98	Vihana, Inc.	0	1	1	0	0	0	1	0	62
99	WIS Technologies	1	1	1	0	0	0	1	1	E3
100	GateChange Technologies	0	1	1	0	0	1	0	0	64
101	High Density Devices AS	1	1	1	0	0	1	0	1	E5
102	Synopsys	1	1	1	0	0	1	1	0	E6
103	Gigaram	0	1	1	0	0	1	1	1	67
104	Enigma Semiconductor Inc.	0	1	1	0	1	0	0	0	68
105	Century Micro Inc.	1	1	1	0	1	0	0	1	E9
106	Icera Semiconductor	1	1	1	0	1	0	1	0	EA
107	Mediaworks Integrated Systems	0	1	1	0	1	0	1	1	6B
108	O'Neil Product Development	1	1	1	0	1	1	0	0	EC
109	Supreme Top Technology Ltd.	0	1	1	0	1	1	0	1	6D
110	MicroDisplay Corporation	0	1	1	0	1	1	1	0	6E
111	Team Group Inc.	1	1	1	0	1	1	1	1	EF
112	Sinett Corporation	0	1	1	1	0	0	0	0	70
113	Toshiba Corporation	1	1	1	1	0	0	0	1	F1
114	Tensilica	1	1	1	1	0	0	1	0	F2
115	SiRF Technology	0	1	1	1	0	0	1	1	73
116	Bacoc Inc.	1	1	1	1	0	1	0	0	F4
117	SMaL Camera Technologies	0	1	1	1	0	1	0	1	75
118	Thomson SC	0	1	1	1	0	1	1	0	76
119	Airgo Networks	1	1	1	1	0	1	1	1	F7
120	Wisair Ltd.	1	1	1	1	1	0	0	0	F8
121	SigmaTel	0	1	1	1	1	0	0	1	79
122	Arkados	0	1	1	1	1	0	1	0	7A
123	Compete IT gmbH Co. KG	1	1	1	1	1	0	1	1	FB
124	Eudar Technology Inc.	0	1	1	1	1	1	0	0	7C
125	Focus Enhancements	1	1	1	1	1	1	0	1	FD
126	Xyratex	1	1	1	1	1	1	1	0	FE

Q1 = LSB   Q8 = Parity bit

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

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

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The following numbers are all in bank six:

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**
Continuation Code	**0**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**7F**
Continuation Code	**0**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**7F**
Continuation Code	**0**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**7F**
1 Specular Networks	0	0	0	0	0	0	0	1	01
2 Patriot Memory (PDP Systems)	0	0	0	0	0	0	1	0	02
3 U-Chip Technology Corp.	1	0	0	0	0	0	1	1	83
4 Silicon Optix	0	0	0	0	0	1	0	0	04
5 Greenfield Networks	1	0	0	0	0	1	0	1	85
6 CompuRAM GmbH	1	0	0	0	0	1	1	0	86
7 Stargen, Inc.	0	0	0	0	0	1	1	1	07
8 NetCell Corporation	0	0	0	0	1	0	0	0	08
9 Excalibrus Technologies Ltd	1	0	0	0	1	0	0	1	89
10 SCM Microsystems	1	0	0	0	1	0	1	0	8A
11 Xsigo Systems, Inc.	0	0	0	0	1	0	1	1	0B
12 CHIPS & Systems Inc	1	0	0	0	1	1	0	0	8C
13 Tier 1 Multichip Solutions	0	0	0	0	1	1	0	1	0D
14 CWRL Labs	0	0	0	0	1	1	1	0	0E
15 Teradici	1	0	0	0	1	1	1	1	8F
16 Gigaram, Inc.	0	0	0	1	0	0	0	0	10
17 g2 Microsystems	1	0	0	1	0	0	0	1	91
18 PowerFlash Semiconductor	1	0	0	1	0	0	1	0	92
19 P.A. Semi, Inc.	0	0	0	1	0	0	1	1	13
20 NovaTech Solutions, S.A.	1	0	0	1	0	1	0	0	94
21 c2 Microsystems, Inc.	0	0	0	1	0	1	0	1	15
22 Level5 Networks	0	0	0	1	0	1	1	0	16
23 COS Memory AG	1	0	0	1	0	1	1	1	97
24 Innovasic Semiconductor	1	0	0	1	1	0	0	0	98
25 02IC Co. Ltd	0	0	0	1	1	0	0	1	19
26 Tabula, Inc.	0	0	0	1	1	0	1	0	1A
27 Crucial Technology	1	0	0	1	1	0	1	1	9B
28 Chelsio Communications	0	0	0	1	1	1	0	0	1C
29 Solarflare Communications	1	0	0	1	1	1	0	1	9D
30 Xambala Inc.	1	0	0	1	1	1	1	0	9E
31 EADS Astrium	0	0	0	1	1	1	1	1	1F
32 Terra Semiconductor, Inc.	0	0	1	0	0	0	0	0	20
33 Imaging Works, Inc.	1	0	1	0	0	0	0	1	A1
34 Astute Networks, Inc.	1	0	1	0	0	0	1	0	A2
35 Tzero	0	0	1	0	0	0	1	1	23
36 Emulex	1	0	1	0	0	1	0	0	A4
37 Power-One	0	0	1	0	0	1	0	1	25
38 Pulse~LINK Inc.	0	0	1	0	0	1	1	0	26
39 Hon Hai Precision Industry	1	0	1	0	0	1	1	1	A7
40 White Rock Networks Inc.	1	0	1	0	1	0	0	0	A8
41 Telegent Systems USA, Inc.	0	0	1	0	1	0	0	1	29
42 Atrua Technologies, Inc.	0	0	1	0	1	0	1	0	2A
43 Acbel Polytech Inc.	1	0	1	0	1	0	1	1	AB

44 eRide Inc.	0	0	1	0	1	1	0	0	2C
45 ULi Electronics Inc.	1	0	1	0	1	1	0	1	AD
46 Magnum Semiconductor Inc.	1	0	1	0	1	1	1	0	AE
47 neoOne Technology, Inc.	0	0	1	0	1	1	1	1	2F
48 Connex Technology, Inc.	1	0	1	1	0	0	0	0	B0
49 Stream Processors, Inc.	0	0	1	1	0	0	0	1	31
50 Focus Enhancements	0	0	1	1	0	0	1	0	32
51 Telecis Wireless, Inc.	1	0	1	1	0	0	1	1	B3
52 uNav Microelectronics	0	0	1	1	0	1	0	0	34
53 Tarari, Inc.	1	0	1	1	0	1	0	1	B5
54 Ambric, Inc.	1	0	1	1	0	1	1	0	B6
55 Newport Media, Inc.	0	0	1	1	0	1	1	1	37
56 VMTS	0	0	1	1	1	0	0	0	38
57 Enuclia Semiconductor, Inc.	1	0	1	1	1	0	0	1	B9
58 Virtium Technology Inc.	1	0	1	1	1	0	1	0	BA
59 Solid State System Co., Ltd.	0	0	1	1	1	0	1	1	3B
60 Kian Tech LLC	1	0	1	1	1	1	0	0	BC
61 Artimi	0	0	1	1	1	1	0	1	3D
62 Power Quotient International	0	0	1	1	1	1	1	0	3E
63 Avago Technologies	1	0	1	1	1	1	1	1	BF
64 ADTechnology	0	1	0	0	0	0	0	0	40
65 Sigma Designs	1	1	0	0	0	0	0	1	C1
66 SiCortex, Inc.	1	1	0	0	0	0	1	0	C2
67 Ventura Technology Group	0	1	0	0	0	0	1	1	43
68 eASIC	1	1	0	0	0	1	0	0	C4
69 M.H.S. SAS	0	1	0	0	0	1	0	1	45
70 Micro Star International	0	1	0	0	0	1	1	0	46
71 Rapport Inc.	1	1	0	0	0	1	1	1	C7
72 Makway International	1	1	0	0	1	0	0	0	C8
73 Broad Reach Engineering Co.	0	1	0	0	1	0	0	1	49
74 Semiconductor Mfg Intl Corp	0	1	0	0	1	0	1	0	4A
75 SiConnect	1	1	0	0	1	0	1	1	CB
76 FCI USA Inc.	0	1	0	0	1	1	0	0	4C
77 Validity Sensors	1	1	0	0	1	1	0	1	CD
78 Coney Technology Co. Ltd.	1	1	0	0	1	1	1	0	CE
79 Spans Logic	0	1	0	0	1	1	1	1	4F
80 Neterion Inc.	1	1	0	1	0	0	0	0	D0
81 Qimonda	0	1	0	1	0	0	0	1	51
82 New Japan Radio Co. Ltd.	0	1	0	1	0	0	1	0	52
83 Velogix	1	1	0	1	0	0	1	1	D3
84 Montalvo Systems	0	1	0	1	0	1	0	0	54
85 iVivity Inc.	1	1	0	1	0	1	0	1	D5
86 Walton Chaintech	1	1	0	1	0	1	1	0	D6
87 AENEON	0	1	0	1	0	1	1	1	57
88 Lorom Industrial Co. Ltd.	0	1	0	1	1	0	0	0	58
89 Radiospire Networks	1	1	0	1	1	0	0	1	D9
90 Sensio Technologies, Inc.	1	1	0	1	1	0	1	0	DA
91 Nethra Imaging	0	1	0	1	1	0	1	1	5B
92 Hexon Technology Pte Ltd	1	1	0	1	1	1	0	0	DC
93 CompuStocx (CSX)	0	1	0	1	1	1	0	1	5D
94 Methode Electronics, Inc.	0	1	0	1	1	1	1	0	5E

95	Connect One Ltd.	1	1	0	1	1	1	1	1	DF
96	Opulan Technologies	1	1	1	0	0	0	0	0	E0
97	Septentrio NV	0	1	1	0	0	0	0	1	61
98	Goldenmars Technology Inc.	0	1	1	0	0	0	1	0	62
99	Kreton Corporation	1	1	1	0	0	0	1	1	E3
100	Cochlear Ltd.	0	1	1	0	0	1	0	0	64
101	Altair Semiconductor	1	1	1	0	0	1	0	1	E5
102	NetEffect, Inc.	1	1	1	0	0	1	1	0	E6
103	Spansion, Inc.	0	1	1	0	0	1	1	1	67
104	Taiwan Semiconductor Mfg	0	1	1	0	1	0	0	0	68
105	Emphany Systems Inc.	1	1	1	0	1	0	0	1	E9
106	ApaceWave Technologies	1	1	1	0	1	0	1	0	EA
107	Mobilygen Corporation	0	1	1	0	1	0	1	1	6B
108	Tego	1	1	1	0	1	1	0	0	EC
109	Cswitch Corporation	0	1	1	0	1	1	0	1	6D
110	Haier (Beijing) IC Design Co.	0	1	1	0	1	1	1	0	6E
111	MetaRAM	1	1	1	0	1	1	1	1	EF
112	Axel Electronics Co. Ltd.	0	1	1	1	0	0	0	0	70
113	Tilera Corporation	1	1	1	1	0	0	0	1	F1
114	Aquantia	1	1	1	1	0	0	1	0	F2
115	Vivace Semiconductor	0	1	1	1	0	0	1	1	73
116	Redpine Signals	1	1	1	1	0	1	0	0	F4
117	Octalica	0	1	1	1	0	1	0	1	75
118	InterDigital Communications	0	1	1	1	0	1	1	0	76
119	Avant Technology	1	1	1	1	0	1	1	1	F7
120	Asrock, Inc.	1	1	1	1	1	0	0	0	F8
121	Availink	0	1	1	1	1	0	0	1	79
122	Quartics, Inc.	0	1	1	1	1	0	1	0	7A
123	Element CXI	1	1	1	1	1	0	1	1	FB
124	Innovaciones Microelectronicas	0	1	1	1	1	1	0	0	7C
125	VeriSilicon Microelectronics	1	1	1	1	1	1	0	1	FD
126	W5 Networks	1	1	1	1	1	1	1	0	FE

Q1 = LSB   Q8 = Parity bit

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

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

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The following numbers are all in bank seven:

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**
Continuation Code	**0**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**7F**
Continuation Code	**0**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**7F**
Continuation Code	**0**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**7F**
Continuation Code	**0**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**7F**
1 MOVEKING	0	0	0	0	0	0	0	1	01
2 Mavrix Technology, Inc.	0	0	0	0	0	0	1	0	02
3 CellGuide Ltd.	1	0	0	0	0	0	1	1	83
4 Faraday Technology	0	0	0	0	0	1	0	0	04
5 Diablo Technologies, Inc.	1	0	0	0	0	1	0	1	85
6 Jennic	1	0	0	0	0	1	1	0	86
7 Octasic	0	0	0	0	0	1	1	1	07
8 Molex Incorporated	0	0	0	0	1	0	0	0	08
9 3Leaf Networks	1	0	0	0	1	0	0	1	89
10 Bright Micron Technology	1	0	0	0	1	0	1	0	8A
11 Netxen	0	0	0	0	1	0	1	1	0B
12 NextWave Broadband Inc.	1	0	0	0	1	1	0	0	8C
13 DisplayLink	0	0	0	0	1	1	0	1	0D
14 ZMOS Technology	0	0	0	0	1	1	1	0	0E
15 Tec-Hill	1	0	0	0	1	1	1	1	8F
16 Multigig, Inc.	0	0	0	1	0	0	0	0	10
17 Amimon	1	0	0	1	0	0	0	1	91
18 Euphonic Technologies, Inc.	1	0	0	1	0	0	1	0	92
19 BRN Phoenix	0	0	0	1	0	0	1	1	13
20 InSilica	1	0	0	1	0	1	0	0	94
21 Ember Corporation	0	0	0	1	0	1	0	1	15
22 Avexir Technologies Corporation	0	0	0	1	0	1	1	0	16
23 Echelon Corporation	1	0	0	1	0	1	1	1	97
24 Edgewater Computer Systems	1	0	0	1	1	0	0	0	98
25 XMOS Semiconductor Ltd.	0	0	0	1	1	0	0	1	19
26 GENUSION, Inc.	0	0	0	1	1	0	1	0	1A
27 Memory Corp NV	1	0	0	1	1	0	1	1	9B
28 SiliconBlue Technologies	0	0	0	1	1	1	0	0	1C
29 Rambus Inc.	1	0	0	1	1	1	0	1	9D
30 Andes Technology Corporation	1	0	0	1	1	1	1	0	9E
31 Coronis Systems	0	0	0	1	1	1	1	1	1F
32 Achronix Semiconductor	0	0	1	0	0	0	0	0	20
33 Siano Mobile Silicon Ltd.	1	0	1	0	0	0	0	1	A1
34 Semtech Corporation	1	0	1	0	0	0	1	0	A2
35 Pixelworks Inc.	0	0	1	0	0	0	1	1	23
36 Gaisler Research AB	1	0	1	0	0	1	0	0	A4
37 Teranetics	0	0	1	0	0	1	0	1	25
38 Toppan Printing Co. Ltd.	0	0	1	0	0	1	1	0	26
39 Kingxcon	1	0	1	0	0	1	1	1	A7
40 Silicon Integrated Systems	1	0	1	0	1	0	0	0	A8
41 I-O Data Device, Inc.	0	0	1	0	1	0	0	1	29

42	NDS Americas Inc.	0	0	1	0	1	0	1	0	2A
43	Solomon Systech Limited	1	0	1	0	1	0	1	1	AB
44	On Demand Microelectronics	0	0	1	0	1	1	0	0	2C
45	Amicus Wireless Inc.	1	0	1	0	1	1	0	1	AD
46	SMARDTV SNC	1	0	1	0	1	1	1	0	AE
47	Comsys Communication Ltd.	0	0	1	0	1	1	1	1	2F
48	Movidia Ltd.	1	0	1	1	0	0	0	0	B0
49	Javad GNSS, Inc.	0	0	1	1	0	0	0	1	31
50	Montage Technology Group	0	0	1	1	0	0	1	0	32
51	Trident Microsystems	1	0	1	1	0	0	1	1	B3
52	Super Talent	0	0	1	1	0	1	0	0	34
53	Optichron, Inc.	1	0	1	1	0	1	0	1	B5
54	Future Waves UK Ltd.	1	0	1	1	0	1	1	0	B6
55	SiBEAM, Inc.	0	0	1	1	0	1	1	1	37
56	Inicore,Inc.	0	0	1	1	1	0	0	0	38
57	Virident Systems	1	0	1	1	1	0	0	1	B9
58	M2000, Inc.	1	0	1	1	1	0	1	0	BA
59	ZeroG Wireless, Inc.	0	0	1	1	1	0	1	1	3B
60	Gingle Technology Co. Ltd.	1	0	1	1	1	1	0	0	BC
61	Space Micro Inc.	0	0	1	1	1	1	0	1	3D
62	Wilocity	0	0	1	1	1	1	1	0	3E
63	Novafora, Ic.	1	0	1	1	1	1	1	1	BF
64	iKoa Corporation	0	1	0	0	0	0	0	0	40
65	ASint Technology	1	1	0	0	0	0	0	1	C1
66	Ramtron	1	1	0	0	0	0	1	0	C2
67	Plato Networks Inc.	0	1	0	0	0	0	1	1	43
68	IPtronics AS	1	1	0	0	0	1	0	0	C4
69	Infinite-Memories	0	1	0	0	0	1	0	1	45
70	Parade Technologies Inc.	0	1	0	0	0	1	1	0	46
71	Dune Networks	1	1	0	0	0	1	1	1	C7
72	GigaDevice Semiconductor	1	1	0	0	1	0	0	0	C8
73	Modu Ltd.	0	1	0	0	1	0	0	1	49
74	CEITEC	0	1	0	0	1	0	1	0	4A
75	Northrop Grumman	1	1	0	0	1	0	1	1	CB
76	XRONET Corporation	0	1	0	0	1	1	0	0	4C
77	Sicon Semiconductor AB	1	1	0	0	1	1	0	1	CD
78	Atla Electronics Co. Ltd.	1	1	0	0	1	1	1	0	CE
79	TOPRAM Technology	0	1	0	0	1	1	1	1	4F
80	Silego Technology Inc.	1	1	0	1	0	0	0	0	D0
81	Kinglife	0	1	0	1	0	0	0	1	51
82	Ability Industries Ltd.	0	1	0	1	0	0	1	0	52
83	Silicon Power Computer & Communications	1	1	0	1	0	0	1	1	D3
84	Augusta Technology, Inc.	0	1	0	1	0	1	0	0	54
85	Nantronics Semiconductors	1	1	0	1	0	1	0	1	D5
86	Hilscher Gesellschaft	1	1	0	1	0	1	1	0	D6
87	Quixant Ltd.	0	1	0	1	0	1	1	1	57
88	Percello Ltd.	0	1	0	1	1	0	0	0	58
89	NextIO Inc.	1	1	0	1	1	0	0	1	D9
90	Scanimetrics Inc.	1	1	0	1	1	0	1	0	DA
91	FS-Semi Company Ltd.	0	1	0	1	1	0	1	1	5B

		Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Hex
92	Infinera Corporation	1	1	0	1	1	1	0	0	DC
93	SandForce Inc.	0	1	0	1	1	1	0	1	5D
94	Lexar Media	0	1	0	1	1	1	1	0	5E
95	Teradyne Inc.	1	1	0	1	1	1	1	1	DF
96	Memory Exchange Corp.	1	1	1	0	0	0	0	0	E0
97	Suzhou Smartek Electronics	0	1	1	0	0	0	0	1	61
98	Avantium Corporation	0	1	1	0	0	0	1	0	62
99	ATP Electronics Inc.	1	1	1	0	0	0	1	1	E3
100	Valens Semiconductor Ltd	0	1	1	0	0	1	0	0	64
101	Agate Logic, Inc.	1	1	1	0	0	1	0	1	E5
102	Netronome	1	1	1	0	0	1	1	0	E6
103	Zenverge, Inc.	0	1	1	0	0	1	1	1	67
104	N-trig Ltd	0	1	1	0	1	0	0	0	68
105	SanMax Technologies Inc.	1	1	1	0	1	0	0	1	E9
106	Contour Semiconductor Inc.	1	1	1	0	1	0	1	0	EA
107	TwinMOS	0	1	1	0	1	0	1	1	6B
108	Silicon Systems, Inc.	1	1	1	0	1	1	0	0	EC
109	V-Color Technology Inc.	0	1	1	0	1	1	0	1	6D
110	Certicom Corporation	0	1	1	0	1	1	1	0	6E
111	JSC ICC Milandr	1	1	1	0	1	1	1	1	EF
112	PhotoFast Global Inc.	0	1	1	1	0	0	0	0	70
113	InnoDisk Corporation	1	1	1	1	0	0	0	1	F1
114	Muscle Power	1	1	1	1	0	0	1	0	F2
115	Energy Micro	0	1	1	1	0	0	1	1	73
116	Innofidei	1	1	1	1	0	1	0	0	F4
117	CopperGate Communications	0	1	1	1	0	1	0	1	75
118	Holtek Semiconductor Inc.	0	1	1	1	0	1	1	0	76
119	Myson Century, Inc.	1	1	1	1	0	1	1	1	F7
120	FIDELIX	1	1	1	1	1	0	0	0	F8
121	Red Digital Cinema	0	1	1	1	1	0	0	1	79
122	Densbits Technology	0	1	1	1	1	0	1	0	7A
123	Zempro	1	1	1	1	1	0	1	1	FB
124	MoSys	0	1	1	1	1	1	0	0	7C
125	Provigent	1	1	1	1	1	1	0	1	FD
126	Triad Semiconductor, Inc.	1	1	1	1	1	1	1	0	FE

Q1 = LSB   Q8 = Parity bit

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

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

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The following numbers are all in bank eight:

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**
Continuation Code	**0**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**7F**
Continuation Code	**0**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**7F**
Continuation Code	**0**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**7F**
Continuation Code	**0**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**7F**
Continuation Code	**0**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**7F**
1 Siklu Communication Ltd.	0	0	0	0	0	0	0	1	01
2 A Force Manufacturing Ltd.	0	0	0	0	0	0	1	0	02
3 Strontium	1	0	0	0	0	0	1	1	83
4 Abilis Systems	0	0	0	0	0	1	0	0	04
5 Siglead, Inc.	1	0	0	0	0	1	0	1	85
6 Ubicom, Inc.	1	0	0	0	0	1	1	0	86
7 Unifosa Corporation	0	0	0	0	0	1	1	1	07
8 Stretch, Inc.	0	0	0	0	1	0	0	0	08
9 Lantiq Deutschland GmbH	1	0	0	0	1	0	0	1	89
10 Visipro.	1	0	0	0	1	0	1	0	8A
11 EKMemory	0	0	0	0	1	0	1	1	0B
12 Microelectronics Institute ZTE	1	0	0	0	1	1	0	0	8C
13 Cognovo Ltd.	0	0	0	0	1	1	0	1	0D
14 Carry Technology Co. Ltd.	0	0	0	0	1	1	1	0	0E
15 Nokia	1	0	0	0	1	1	1	1	8F
16 King Tiger Technology	0	0	0	1	0	0	0	0	10
17 Sierra Wireless	1	0	0	1	0	0	0	1	91
18 HT Micron	1	0	0	1	0	0	1	0	92
19 Albatron Technology Co. Ltd.	0	0	0	1	0	0	1	1	13
20 Leica Geosystems AG	1	0	0	1	0	1	0	0	94
21 BroadLight	0	0	0	1	0	1	0	1	15
22 AEXEA	0	0	0	1	0	1	1	0	16
23 ClariPhy Communications, Inc.	1	0	0	1	0	1	1	1	97
24 Green Plug	1	0	0	1	1	0	0	0	98
25 Design Art Networks	0	0	0	1	1	0	0	1	19
26 Mach Xtreme Technology Ltd.	0	0	0	1	1	0	1	0	1A
27 ATO Solutions Co. Ltd.	1	0	0	1	1	0	1	1	9B
28 Ramsta	0	0	0	1	1	1	0	0	1C
29 Greenliant Systems, Ltd.	1	0	0	1	1	1	0	1	9D
30 Teikon	1	0	0	1	1	1	1	0	9E
31 Antec Hadron	0	0	0	1	1	1	1	1	1F
32 NavCom Technology, Inc.	0	0	1	0	0	0	0	0	20
33 Shanghai Fudan Microelectronics	1	0	1	0	0	0	0	1	A1
34 Calxeda, Inc.	1	0	1	0	0	0	1	0	A2
35 JSC EDC Electronics	0	0	1	0	0	0	1	1	23
36 Kandit Technology Co. Ltd.	1	0	1	0	0	1	0	0	A4
37 Ramos Technology	0	0	1	0	0	1	0	1	25
38 Goldenmars Technology	0	0	1	0	0	1	1	0	26

Updated December 21, 2010

Annex A (informative) Name Changes

	FROM	TO	BANK	DECIMAL	DATE
1	Wichman WorkX AG	workX AG	3	12	11/01/00
2	C-Memory	Dane-Elec	2	90	11/29/00
3	Orbit Semiconductor	Flextronics	2	66	11/28/00
4	Siemens	Infineon	1	65	04/22/99
5	Rockwell	Conexant	1	19	01/14/99
6	Simple Technology	Silicon Tech	2	40	09/14/98
7	LG Semi	Goldstar	1	96	01/26/98
8	ATT Technology	Lucent	1	29	06/13/96
9	SynOptics Communications	Bay Networks	1	118	12/13/94
10	AVEX	Benchmark	3	51	01/25/01
11	Zentrum Microelektr	Zentrum or ZMD	1	119	05/17/01
12	ITT Intermetall	Micronas	1	108	08/28/01
13	Plessey	Zarlink	1	55	09/05/01
14	Mitel	Zarlink	2	37	09/05/01
15	Lumic Electronics	Atsana Semi	4	103	05/14/02
16	ASIC Designs	Tachyon Semi	3	44	06/04/02
17	Anadyne Microelectronics	Anadigm	3	91	09/30/02
18	Mosel	ProMos/Mosel Vitelic	1	64	01/16/04
19	Motorola	Freescale	1	14	06/03/04
20	Conexant (Rockwell)	Conexant	1	19	08/02/04
21	Cygnal Integrated Products Inc.	Silicon Laboratories, Inc. (Cygnal)	3	33	10/28/04
22.	Enhanced Memories	Ramtron	2	50	11/29/04
23.	Atsana Semiconductor	MtekVision	4	103	10/20/05
24.	Ramtron	Mushkin Enhanced Memory	2	50	11/21/05
25	Paion	Picocel Co., Ltd.	4	94	04/04/06
26	WEI-HEH Electronics Co. Ltd.	KINGBOX Technology Co. Ltd.	5	81	04/24/06
27	PDP Systems, Inc.	Patriot Memory	6	2	04/26/06
28	Memorysolution GmbH	TakeMS International AG	4	88	08/02/06
29	Loral	BAE Systems	2	8	09/19/06
30	MCI Computer GmbH	MDT Technologies GmbH	3	100	01/23/07
31	Oasis Silicon Systems	SMSC (Standard Microsystems)	5	34	02/08/07
32	Philips Semi (Signetics)	NXP	1	21	03/13/07
33	Silicon Tech	STEC	2	40	04/18/07
34	Hyundai Electronics	Hynix Semiconductor Inc.	1	45	09/14/07
35	ATO Semicon Co. Ltd.	Terra Semiconductor Inc	6	32	01/10/08
36	Level One Communication	Numonyx Corporation	1	126	01/30/08
37	Itautec Philco SA	Itautec SA	3	49	04/08/08
38	Direct2Data	ParkerVision, Inc.	5	26	07/17/08
39	Europe Technologies	Scaleo Chip	4	113	11/20/08
40	Europe Technologies	Scaleo Chip	5	16	11/20/08
41	Renesas Technology	Renesas Electronics	5	35	06/01/10
42	Sun Microsystems	Oracle Corporation	1	62	07/30/10