

# **JEDEC STANDARD**

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## **Standard Manufacturer's Identification Code**

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### **JEP106AB**

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**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.)

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### **1 Intent**

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

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### **2 Scope**

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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.

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### **3 Additions to Table 1**

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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 February 23, 2010. Updates to the list will be made periodically and Table 1 will be modified accordingly.

**Table 1 - Manufacturer's Identification Code**

<b>COMPANY</b>	<b>8</b>	<b>7</b>	<b>6</b>	<b>5</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>HEX</b>
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	Sun Microsystems	0	0	1	1	1	1	1	0	3E
63	SST	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
<b>Continuation Code</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>7F</b>
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	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	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:**

<b>COMPANY</b>	<b>8</b>	<b>7</b>	<b>6</b>	<b>5</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>HEX</b>
<b>Continuation Code</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>7F</b>
<b>Continuation Code</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>7F</b>
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	Centillum 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

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 BRECI5	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



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 Teradient 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 Technology	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

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 Excalibus 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 O2IC 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	ApacWave 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 Toppa 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, Inc.	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	Scanimetries Inc.	1	1	0	1	1	0	1	0	DA
91	FS-Semi Company Ltd.	0	1	0	1	1	0	1	1	5B

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 Corporation	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

**Updated February 23, 2010**

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**Annex A (informative) Name Changes**


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<b>FROM</b>	<b>TO</b>	<b>BANK</b>	<b>DECIMAL</b>	<b>DATE</b>
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



***JEDEC***

The JEDEC logo is centered on a light gray rectangular background. It features the word "JEDEC" in a bold, italicized, sans-serif font. A red horizontal line is positioned below the text, starting from the left edge of the 'J' and extending to the right, ending under the 'C'.