

JEDEC STANDARD

Standard Manufacturer's Identification Code

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JEDEC SOLID STATE TECHNOLOGY ASSOCIATION



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STANDARD MANUFACTURER'S IDENTIFICATION CODE

(From 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. 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 Manufactures Identification Codes

The manufacturer's identification code as shown in Table 1, is assigned, maintained and updated by the JEDEC office. 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 <http://www.jedec.org/standards-documents/id-codes-order-form> or by calling (703) 907-7540. Updates to the list will be made periodically and Table 1 will be modified accordingly.

The present list is complete as of June 28, 2017.

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 STMicroelectronics	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 SK Hynix	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 Integrated 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.

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 Integrated Silicon Solution (ISSI)	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 Technologies, Inc.	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	Linex 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	Gadzo 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.

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 Tezzaron Semiconductor	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 Itaute 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
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.

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 Securelink	0	1	0	1	0	1	1	1	57
88	takeMS - Ultron 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	Memorysolution GmbH	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	Teradant 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.

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 I'M Intelligent Memory Ltd.	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
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.

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 Excalibur 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	Enucelia 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 Tiler 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.

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, 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	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
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.

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 ALi Corp (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 u-blox AG	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
39 XeL Technology Inc.	1	0	1	0	0	1	1	1	A7
40 Newzone Corporation	1	0	1	0	1	0	0	0	A8
41 ShenZhen MercyPower Tech	0	0	1	0	1	0	0	1	29
42 Nanjing Yihuo Technology	0	0	1	0	1	0	1	0	2A
43 Nethra Imaging Inc.	1	0	1	0	1	0	1	1	AB
44 SiTel Semiconductor BV	0	0	1	0	1	1	0	0	2C
45 SolidGear Corporation	1	0	1	0	1	1	0	1	AD
46 Topower Computer Ind Co Ltd.	1	0	1	0	1	1	1	0	AE
47 Wilocity	0	0	1	0	1	1	1	1	2F
48 Profichip GmbH	1	0	1	1	0	0	0	0	B0

49	Gerad Technologies	0	0	1	1	0	0	0	1	31
50	Ritek Corporation	0	0	1	1	0	0	1	0	32
51	Gomos Technology Limited	1	0	1	1	0	0	1	1	B3
52	Memoright Corporation	0	0	1	1	0	1	0	0	34
53	D-Broad, Inc.	1	0	1	1	0	1	0	1	B5
54	HiSilicon Technologies	1	0	1	1	0	1	1	0	B6
55	Syndiant Inc..	0	0	1	1	0	1	1	1	37
56	Enverv Inc.	0	0	1	1	1	0	0	0	38
57	Cognex	1	0	1	1	1	0	0	1	B9
58	Xinnova Technology Inc.	1	0	1	1	1	0	1	0	BA
59	Ultron AG	0	0	1	1	1	0	1	1	3B
60	Concord Idea Corporation	1	0	1	1	1	1	0	0	BC
61	AIM Corporation	0	0	1	1	1	1	0	1	3D
62	Lifetime Memory Products	0	0	1	1	1	1	1	0	3E
63	Ramsway	1	0	1	1	1	1	1	1	BF
64	Recore Systems B.V.	0	1	0	0	0	0	0	0	40
65	Haotian Jinshibo Science Tech	1	1	0	0	0	0	0	1	C1
66	Being Advanced Memory	1	1	0	0	0	0	1	0	C2
67	Adesto Technologies	0	1	0	0	0	0	1	1	43
68	Giantec Semiconductor, Inc.	1	1	0	0	0	1	0	0	C4
69	HMD Electronics AG	0	1	0	0	0	1	0	1	45
70	Gloway International (HK)	0	1	0	0	0	1	1	0	46
71	Kingcore	1	1	0	0	0	1	1	1	C7
72	Anucell Technology Holding	1	1	0	0	1	0	0	0	C8
73	Accord Software & Systems Pvt. Ltd.	0	1	0	0	1	0	0	1	49
74	Active-Semi Inc.	0	1	0	0	1	0	1	0	4A
75	Denso Corporation	1	1	0	0	1	0	1	1	CB
76	TLSI Inc.	0	1	0	0	1	1	0	0	4C
77	Qidan	1	1	0	0	1	1	0	1	CD
78	Mustang	1	1	0	0	1	1	1	0	CE
79	Orca Systems	0	1	0	0	1	1	1	1	4F
80	Passif Semiconductor	1	1	0	1	0	0	0	0	D0
81	GigaDevice Semiconductor (Beijing) Inc.	0	1	0	1	0	0	0	1	51
82	Memphis Electronic	0	1	0	1	0	0	1	0	52
83	Beckhoff Automation GmbH	1	1	0	1	0	0	1	1	D3
84	Harmony Semiconductor Corp	0	1	0	1	0	1	0	0	54
85	Air Computers SRL	1	1	0	1	0	1	0	1	D5
86	TMT Memory	1	1	0	1	0	1	1	0	D6
87	Eorex Corporation	0	1	0	1	0	1	1	1	57
88	Xingtera	0	1	0	1	1	0	0	0	58
89	Netsol	1	1	0	1	1	0	0	1	D9
90	Bestdon Technology Co. Ltd.	1	1	0	1	1	0	1	0	DA
91	Baysand Inc.	0	1	0	1	1	0	1	1	5B
92	Uroad Technology Co. Ltd.	1	1	0	1	1	1	0	0	DC
93	Wilk Elektronik S.A.	0	1	0	1	1	1	0	1	5D
94	AAI	0	1	0	1	1	1	1	0	5E
95	Harman	1	1	0	1	1	1	1	1	DF
96	Berg Microelectronics Inc.	1	1	1	0	0	0	0	0	E0
97	ASSIA, Inc.	0	1	1	0	0	0	0	1	61
98	Visiontek Products LLC	0	1	1	0	0	0	1	0	62
99	OCMEMORY	1	1	1	0	0	0	1	1	E3
100	Welink Solution Inc.	0	1	1	0	0	1	0	0	64
101	Shark Gaming	1	1	1	0	0	1	0	1	E5
102	Avalanche Technology	1	1	1	0	0	1	1	0	E6
103	R&D Center ELVEES OJSC	0	1	1	0	0	1	1	1	67
104	KingboMars Technology Co. Ltd.	0	1	1	0	1	0	0	0	68

105	High Bridge Solutions Industria Eletronica	1	1	1	0	1	0	0	1	E9
106	Transcend Technology Co. Ltd.	1	1	1	0	1	0	1	0	EA
107	Everspin Technologies	0	1	1	0	1	0	1	1	6B
108	Hon-Hai Precision	1	1	1	0	1	1	0	0	EC
109	Smart Storage Systems	0	1	1	0	1	1	0	1	6D
110	Toumaz Group	0	1	1	0	1	1	1	0	6E
111	Zentel Electronics Corporation	1	1	1	0	1	1	1	1	EF
112	Panram International Corporation	0	1	1	1	0	0	0	0	70
113	Silicon Space Technology	1	1	1	1	0	0	0	1	F1
114	LITE-ON IT Corporation	1	1	1	1	0	0	1	0	F2
115	Inuitive	0	1	1	1	0	0	1	1	73
116	HMicron	1	1	1	1	0	1	0	0	F4
117	BittWare, Inc.	0	1	1	1	0	1	0	1	75
118	GLOBALFOUNDRIES	0	1	1	1	0	1	1	0	76
119	ACPI Digital Co. Ltd.	1	1	1	1	0	1	1	1	F7
120	Annapurna Labs	1	1	1	1	1	0	0	0	F8
121	AcSiP Technology Corporation	0	1	1	1	1	0	0	1	79
122	Idea! Electronic Systems	0	1	1	1	1	0	1	0	7A
123	Gowe Technology Co. Ltd.	1	1	1	1	1	0	1	1	FB
124	Hermes Testing Solutions, Inc.	0	1	1	1	1	1	0	0	7C
125	Positivo BGH	1	1	1	1	1	1	0	1	FD
126	Intelligence Silicon Technology	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 eight.

The following numbers are all in bank nine:

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
Continuation Code	0	1	1	1	1	1	1	1	7F
1 3D PLUS	0	0	0	0	0	0	0	1	01
2 Diehl Aerospace	0	0	0	0	0	0	1	0	02
3 Fairchild	1	0	0	0	0	0	1	1	83
4 Mercury Systems	0	0	0	0	0	1	0	0	04
5 Sonics, Inc.	1	0	0	0	0	1	0	1	85
6 GE Intelligent Platforms GmbH & Co.	1	0	0	0	0	1	1	0	86
7 Shenzhen Jinge Information Co. Ltd.	0	0	0	0	0	1	1	1	07
8 SCWW	0	0	0	0	1	0	0	0	08
9 Silicon Motion Inc.	1	0	0	0	1	0	0	1	89
10 Anurag	1	0	0	0	1	0	1	0	8A
11 King Kong	0	0	0	0	1	0	1	1	0B
12 FROM30 Co. Ltd.	1	0	0	0	1	1	0	0	8C
13 Gowin Semiconductor Corp	0	0	0	0	1	1	0	1	0D
14 Fremont Micro Devices Ltd.	0	0	0	0	1	1	1	0	0E
15 Ericsson Modems	1	0	0	0	1	1	1	1	8F
16 Exelis	0	0	0	1	0	0	0	0	10
17 Satixfy Ltd.	1	0	0	1	0	0	0	1	91
18 Galaxy Microsystems Ltd.	1	0	0	1	0	0	1	0	92
19 Gloway International Co. Ltd.	0	0	0	1	0	0	1	1	13
20 Lab	1	0	0	1	0	1	0	0	94
21 Smart Energy Instruments	0	0	0	1	0	1	0	1	15
22 Approved Memory Corporation	0	0	0	1	0	1	1	0	16
23 Axell Corporation	1	0	0	1	0	1	1	1	97
24 Essencore Limited	1	0	0	1	1	0	0	0	98
25 Phytium	0	0	0	1	1	0	0	1	19
26 Xi'an UnilC Semiconductors Co., Ltd.	0	0	0	1	1	0	1	0	1A
27 Ambiq Micro	1	0	0	1	1	0	1	1	9B
28 eveRAM Technology, Inc.	0	0	0	1	1	1	0	0	1C
29 Infomax	1	0	0	1	1	1	0	1	9D
30 Butterfly Network, Inc.	1	0	0	1	1	1	1	0	9E
31 Shenzhen City Gcai Electronics	0	0	0	1	1	1	1	1	1F
32 Stack Devices Corporation	0	0	1	0	0	0	0	0	20
33 ADK Media Group	1	0	1	0	0	0	0	1	A1
34 TSP Global Co., Ltd.	1	0	1	0	0	0	1	0	A2
35 HighX	0	0	1	0	0	0	1	1	23
36 Shenzhen Elicks Technology	1	0	1	0	0	1	0	0	A4
37 ISSI/Chingis	0	0	1	0	0	1	0	1	25
38 Google, Inc.	0	0	1	0	0	1	1	0	26
39 Dasima International Development	1	0	1	0	0	1	1	1	A7
40 Leahkinn Technology Limited	1	0	1	0	1	0	0	0	A8
41 HIMA Paul Hildebrandt GmbH Co KG	0	0	1	0	1	0	0	1	29
42 Keysight Technologies	0	0	1	0	1	0	1	0	2A
43 Techcomp International (Fastable)	1	0	1	0	1	0	1	1	AB
44 Ancore Technology Corporation	0	0	1	0	1	1	0	0	2C
45 Nuvoton	1	0	1	0	1	1	0	1	AD
46 Korea Uhbele International Group Ltd.	1	0	1	0	1	1	1	0	AE
47 Ikegami Tsushinki Co Ltd.	0	0	1	0	1	1	1	1	2F

48 RelChip, Inc.	1	0	1	1	0	0	0	0	B0
49 Baikal Electronics	0	0	1	1	0	0	0	1	31
50 Nemostech Inc.	0	0	1	1	0	0	1	0	32
51 Memorysolution GmbH	1	0	1	1	0	0	1	1	B3
52 Silicon Integrated Systems Corporation	0	0	1	1	0	1	0	0	34
53 Xiede	1	0	1	1	0	1	0	1	B5
54 Multilaser Components	1	0	1	1	0	1	1	0	B6
55 Flash Chi	0	0	1	1	0	1	1	1	37
56 Jone	0	0	1	1	1	0	0	0	38
57 GCT Semiconductor Inc.	1	0	1	1	1	0	0	1	B9
58 Hong Kong Zetta Device Technology	1	0	1	1	1	0	1	0	BA
59 Unimemory Technology(s) Pte Ltd.	0	0	1	1	1	0	1	1	3B
60 Cuso	1	0	1	1	1	1	0	0	BC
61 Kuso	0	0	1	1	1	1	0	1	3D
62 Uniquify Inc.	0	0	1	1	1	1	1	0	3E
63 Skymedi Corporation	1	0	1	1	1	1	1	1	BF
64 Core Chance Co. Ltd.	0	1	0	0	0	0	0	0	40
65 Tekism Co. Ltd.	1	1	0	0	0	0	0	1	C1
66 Seagate Technology PLC	1	1	0	0	0	0	1	0	C2
67 Hong Kong Gaia Group Co. Limited	0	1	0	0	0	0	1	1	43
68 Gigacom Semiconductor LLC	1	1	0	0	0	1	0	0	C4
69 V2 Technologies	0	1	0	0	0	1	0	1	45
70 TLi	0	1	0	0	0	1	1	0	46
71 Neotion	1	1	0	0	0	1	1	1	C7
72 Lenovo	1	1	0	0	1	0	0	0	C8
73 Shenzhen Zhongteng Electronic Corp. Ltd.	0	1	0	0	1	0	0	1	49
74 Compound Photonics	0	1	0	0	1	0	1	0	4A
75 in2H2 inc	1	1	0	0	1	0	1	1	CB
76 Shenzhen Pango Microsystems Co. Ltd	0	1	0	0	1	1	0	0	4C
77 Vasekey	1	1	0	0	1	1	0	1	CD
78 Cal-Comp Industria de Semicondutores	1	1	0	0	1	1	1	0	CE
79 Eyenix Co., Ltd.	0	1	0	0	1	1	1	1	4F
80 Heoriady	1	1	0	1	0	0	0	0	D0
81 Accelerated Memory Production Inc.	0	1	0	1	0	0	0	1	51
82 INVECAS, Inc.	0	1	0	1	0	0	1	0	52
83 AP Memory	1	1	0	1	0	0	1	1	D3
84 Douqi Technology	0	1	0	1	0	1	0	0	54
85 Etron Technology, Inc.	1	1	0	1	0	1	0	1	D5
86 Indie Semiconductor	1	1	0	1	0	1	1	0	D6
87 Socionext Inc.	0	1	0	1	0	1	1	1	57
88 HGST	0	1	0	1	1	0	0	0	58
89 EVGA	1	1	0	1	1	0	0	1	D9
90 Audience Inc.	1	1	0	1	1	0	1	0	DA
91 EpicGear	0	1	0	1	1	0	1	1	5B
92 Vitesse Enterprise Co.	1	1	0	1	1	1	0	0	DC
93 Foxtronn International Corporation	0	1	0	1	1	1	0	1	5D
94 Bretelon Inc.	0	1	0	1	1	1	1	0	5E
95 Graphcore	1	1	0	1	1	1	1	1	DF
96 Eoplex Inc	1	1	1	0	0	0	0	0	E0
97 MaxLinear, Inc.	0	1	1	0	0	0	0	1	61
98 ETA Devices	0	1	1	0	0	0	1	0	62
99 LOKI	1	1	1	0	0	0	1	1	E3
100 IMS Electronics Co., Ltd.	0	1	1	0	0	1	0	0	64
101 Dosilicon Co., Ltd.	1	1	1	0	0	1	0	1	E5
102 Dolphin Integration	1	1	1	0	0	1	1	0	E6
103 Shenzhen Mic Electronics	0	1	1	0	0	1	1	1	67

Technology									
104	Boya Microelectronics Inc.	0	1	1	0	1	0	0	68
105	Geniachip (Roche)	1	1	1	0	1	0	0	E9
106	Axign	1	1	1	0	1	0	1	EA
107	Kingred Electronic Technology Ltd.	0	1	1	0	1	0	1	6B
108	Chao Yue Zhuo Computer Business Dept.	1	1	1	0	1	1	0	EC
109	Guangzhou Si Nuo Electronic Technology.	0	1	1	0	1	1	0	6D
110	Crocus Technology Inc.	0	1	1	0	1	1	1	6E
111	Creative Chips GmbH	1	1	1	0	1	1	1	EF
112	GE Aviation Systems LLC.	0	1	1	1	0	0	0	70
113	Asgard	1	1	1	1	0	0	0	F1
114	Good Wealth Technology Ltd.	1	1	1	1	0	0	1	F2
115	TriCor Technologies	0	1	1	1	0	0	1	73
116	Nova-Systems GmbH	1	1	1	1	0	1	0	F4
117	JUHOR	0	1	1	1	0	1	0	75
118	Zhuhai Douke Commerce Co. Ltd.	0	1	1	1	0	1	1	76
119	DSL Memory	1	1	1	1	0	1	1	F7
120	Anvo-Systems Dresden GmbH	1	1	1	1	1	0	0	F8
121	Realtek	0	1	1	1	1	0	0	79
122	AltoBeam	0	1	1	1	1	0	1	7A
123	Wave Computing	1	1	1	1	1	0	1	FB
124	Beijing TrustNet Technology Co Ltd	0	1	1	1	1	1	0	7C
125	Innovium, Inc.	1	1	1	1	1	1	0	FD
126	Starsway Technology Limited	1	1	1	1	1	1	1	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 nine.

The following numbers are all in bank 10:

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
Continuation Code	0	1	1	1	1	1	1	1	7F
Continuation Code	0	1	1	1	1	1	1	1	7F
1 Weltronics Co. LTD	0	0	0	0	0	0	0	1	01
2 VMware, Inc.	0	0	0	0	0	0	1	0	02
3 Hewlett Packard Enterprise	1	0	0	0	0	0	1	1	83
4 INTENSO	0	0	0	0	0	1	0	0	04
5 Puya Semiconductor	1	0	0	0	0	1	0	1	85
6 MEMORFI	1	0	0	0	0	1	1	0	86
7 MSC Technologies GmbH	0	0	0	0	0	1	1	1	07
8 Txrui	0	0	0	0	1	0	0	0	08
9 SiFive, Inc.	1	0	0	0	1	0	0	1	89
10 Spreadtrum Communications	1	0	0	0	1	0	1	0	8A
11 XTX Technology Limited	0	0	0	0	1	0	1	1	0B
12 UMAX Technology	1	0	0	0	1	1	0	0	8C
13 Shenzhen Yong Sheng Technology	0	0	0	0	1	1	0	1	0D
14 SNOAMOO (Shenzhen Kai Zhuo Yue)	0	0	0	0	1	1	1	0	0E
15 Daten Tecnologia LTDA	1	0	0	0	1	1	1	1	8F
16 Shenzhen XinRuiYan Electronics	0	0	0	1	0	0	0	0	10
17 Eta Compute	1	0	0	1	0	0	0	1	91
18 Energous	1	0	0	1	0	0	1	0	92
19 Raspberry Pi Trading Ltd.	0	0	0	1	0	0	1	1	13
20 Shenzhen Chixingzhe Tech Co. Ltd.	1	0	0	1	0	1	0	0	94
21 Silicon Mobility	0	0	0	1	0	1	0	1	15
22 IQ-Analog Corporation	0	0	0	1	0	1	1	0	16
23 Uhnder, Inc.	1	0	0	1	0	1	1	1	97
24 Impinj	1	0	0	1	1	0	0	0	98
25 DEPO Computers	0	0	0	1	1	0	0	1	19
26 Nespeed Sysems	0	0	0	1	1	0	1	0	1A
27 Yangtze Memory Technologies Co. Ltd	1	0	0	1	1	0	1	1	9B
28 MemxPro Inc.	0	0	0	1	1	1	0	0	1C
29 Tammuz Co., Ltd.	1	0	0	1	1	1	0	1	9D
30 Allwinner Technology	1	0	0	1	1	1	1	0	9E
31 Shenzhen City Futian District Qing Xuan Tong Computer Trading Firm	0	0	0	1	1	1	1	1	1F
32 XMC	0	0	1	0	0	0	0	0	20
33 Teclast	1	0	1	0	0	0	0	1	A1
34 Maxsun	1	0	1	0	0	0	1	0	A2
35 Haiguang Integrated Circuit Design	0	0	1	0	0	0	1	1	23
36 RamCENTER Technology	1	0	1	0	0	1	0	0	A4
37 Phison Electronics Corporation	0	0	1	0	0	1	0	1	25
38 Guizhou Huaxintong Semi-Conductor	0	0	1	0	0	1	1	0	26
39 Network Intelligence	1	0	1	0	0	1	1	1	A7
40 Continental Technology (Holdings)	1	0	1	0	1	0	0	0	A8
41 Guangzhou Huayan Suning Electronic	0	0	1	0	1	0	0	1	29
42 Guangzhou Zhouji Electronic Co., Ltd.	0	0	1	0	1	0	1	0	2A
43 Shenzhen Giant Hui Kang Tech Co. Ltd	1	0	1	0	1	0	1	1	AB
44 Shenzhen Yilong Innovative Co. Ltd.	0	0	1	0	1	1	0	0	2C
45 Neo Forza	1	0	1	0	1	1	0	1	AD

46	Lyontek Inc.	1	0	1	0	1	1	1	0	AE
47	Shanghai Kuxin Microelectronics Ltd.	0	0	1	0	1	1	1	1	2F
48	Shenzhen Larix Technology Co. Ltd.	1	0	1	1	0	0	0	0	B0
49	Qbit Semiconductor Ltd.	0	0	1	1	0	0	0	1	31
50	Insignis Technology Corporation	0	0	1	1	0	0	1	0	32
51	Lanson Memory Co. Ltd.	1	0	1	1	0	0	1	1	B3
52	Shenzhen Superway Electronics Co Ltd	0	0	1	1	0	1	0	0	34
53	Canaan-Creative Co. Ltd.	1	0	1	1	0	1	0	1	B5
54	Black Diamond Memory	1	0	1	1	0	1	1	0	B6
55	Shenzhen City Parker Baking Electronics	0	0	1	1	0	1	1	1	37
56	Shenzhen Baihong Technology Co. Ltd.	0	0	1	1	1	0	0	0	38
57	GEO Semiconductors	1	0	1	1	1	0	0	1	B9
58	DTG NEO Scientific Ltd.	1	0	1	1	1	0	1	0	BA
59	Artery Technology Co. Ltd.	0	0	1	1	1	0	1	1	3B
60	Jinyu	1	0	1	1	1	1	0	0	BC
61	Shenzhen Ying Chi Technology Development	0	0	1	1	1	1	0	1	3D
62	Shenzhen Pengcheng Xin Technology	0	0	1	1	1	1	1	0	3E
63	Pegasus Semiconductor (Shanghai) Co.	1	0	1	1	1	1	1	1	BF
64	Mythic, Inc.	0	1	0	0	0	0	0	0	40
65	Elmos Semiconductor AG	1	1	0	0	0	0	0	1	C1
66	Kllisre	1	1	0	0	0	0	1	0	C2
67	Shenzhen Yuan Chuang Wei Tech	0	1	0	0	0	0	1	1	43
68	Shenzhen Xingmem Technology Corp.	1	1	0	0	0	1	0	0	C4

Updated June 28, 2017

Annex A (informative) Name Changes

FROM	TO	BANK	DECIMAL	DATE
1 Wichman WorkX AG	workX AG	3	12	11/01/2000
2 C-Memory	Dane-Elec	2	90	11/29/2000
3 Orbit Semiconductor	Flextronics	2	66	11/28/2000
4 Siemens	Infineon	1	65	04/22/1999
5 Rockwell	Conexant	1	19	01/14/1999
6 Simple Technology	Silicon Tech	2	40	09/14/1998
7 LG Semi	Goldstar	1	96	01/26/1998
8 ATT Technology	Lucent	1	29	06/13/1996
9 SynOptics Communications	Bay Networks	1	118	12/13/1994
10 AVEX	Benchmark	3	51	01/25/2001
11 Zentrum Microelektr	Zentrum or ZMD	1	119	05/17/2001
12 ITT Intermetall	Micronas	1	108	08/28/2001
13 Plessey	Zarlink	1	55	09/05/2001
14 Mitel	Zarlink	2	37	09/05/2001
15 Lumic Electronics	Atsana Semi	4	103	05/14/2002
16 ASIC Designs	Tachyon Semi	3	44	06/04/2002
17 Anadyne Microelectronics	Anadigm	3	91	09/30/2002
18 Mosel	ProMos/Mosel Vitelic	1	64	01/16/2004
19 Motorola	Freescall	1	14	06/03/2004
20 Conexant (Rockwell)	Conexant	1	19	08/02/2004
21 Cygnal Integrated Products Inc.	Silicon Laboratories, Inc. (Cygnal)	3	33	10/28/2004
22 Enhanced Memories	Ramtron	2	50	11/29/2004
23 Atsana Semiconductor	MtekVision	4	103	10/20/2005
24 Ramtron	Mushkin Enhanced Memory	2	50	11/21/2005
25 Paion	Picocel Co., Ltd.	4	94	04/04/2006
26 WEI-HEH Electronics Co. Ltd.	KINGBOX Technology Co. Ltd.	5	81	04/24/2006
27 PDP Systems, Inc.	Patriot Memory	6	2	04/26/2006
28 Memorysolution GmbH	TakeMS International AG	4	88	08/02/2006
29 Loral	BAE Systems	2	8	09/19/2006
30 MCI Computer GmbH	MDT Technologies GmbH	3	100	01/23/2007
31 Oasis Silicon Systems	SMSC (Standard Microsystems)	5	34	02/08/2007
32 Philips Semi (Signetics)	NXP	1	21	03/13/2007
33 Silicon Tech	STEC	2	40	04/18/2007
34 Hyundai Electronics	Hynix Semiconductor Inc.	1	45	09/14/2007
35 ATO Semicon Co. Ltd.	Terra Semiconductor Inc	6	32	01/10/2008
36 Level One Communication	Numonyx Corporation	1	126	01/30/2008
37 Itaotec Philco SA	Itaotec SA	3	49	04/08/2008
38 Direct2Data	ParkerVision, Inc.	5	26	07/17/2008
39 Europe Technologies	Scaleo Chip	4	113	11/20/2008
40 Europe Technologies	Scaleo Chip	5	16	11/20/2008
41 Renesas Technology	Renesas Electronics	5	35	06/01/2010
42 Sun Microsystems	Oracle Corporation	1	62	07/30/2010
43 takeMS International AG	takeMS – Ultron AG	4	88	11/02/2011
44 ProPlus Design Solutions	Harmony Semiconductor Corporation	8	84	01/05/2012
45 Shenzhen Daling	Qidan	8	77	03/09/2012

Annex A (informative) Name Changes (cont'd)

FROM	TO	BANK	DECIMAL	DATE
46 Hynix Semiconductor Inc.	SK Hynix	1	45	05/15/2012
47 Triple Grow Industrial Ltd.	Uroad Technology Co. Ltd	8	92	08/21/2012
48 SGS/Thomson	STMicroelectronics	1	32	03/19/2013
49 Pacific Force Technology Ltd.	I'M Intelligent Memory Ltd.	5	30	12/20/2013
50 Tachyon Semiconductor (ASIC)	Tezzaron Semiconductor	3	44	01/29/2014
51 PNY Electronics	PNY Technologies, Inc.	2	58	07/31/2014
52 Peak Electronics	Memorysolution GmbH	4	109	01/30/2015
53 Cognimem Technologies, Inc.	In2H2 inc	9	75	07/23/2015
54 ISD Technology Limited	Essencore Limited	9	24	08/11/2015
55 Programmable Micro Corp	Integrated Silicon Solution (ISSI)	2	29	08/12/2015
56 Abilis Systems	ALi Corp (Abilis Systems)	8	4	03/10/2016
57 Cognovo Ltd.	u-blox AG	8	13	08/30/2016
58 IMS Semiconductor Co., Ltd.	IMS Electronics Co., Ltd.	9	100	09/21/2016
59 Paragon Technology (Shenzhen) Ltd.	XTX Technology Limited	10	11	12/06/2016
60 Xi'an SinoChip Semiconductors Co. Ltd.	Xi'an UnilC Semiconductors Co., Ltd.	9	26	04/28/2017
61 Shenzhen Baked Electronics Co. Ltd.	Shenzhen Baihong Technology Co. Ltd.	10	56	07/05/2017

Kunxin

