



QUESTIONS?
CONTACT OUR
ENGINEERING DEPT.
FAX: (202)457-4985
OR
VOICE: (202)457-4963

1994 SOURCE AND DATE CODE



WITH NUMERICAL &
ALPHABETICAL
REGISTRATION LISTS

This, briefly, is EIA

The Electronic Industries Association is a non-profit organization representing manufacturers of electronic products. The following are some of the objectives of EIA:

- to provide a forum within the framework of our national laws and to discuss matters affecting the legitimate interests of the industry and to implement the policies of the Association.
 - to coordinate and convey the views of Association members to appropriate bodies and allied industry organizations on legislative and regulatory matters.
 - to assist the Department of Defense and the Armed Services in obtaining the most advanced and reliable products and scientific developments from industry through an interchange of information and ideas.
 - to stimulate public awareness of the vital role of the electronics Industry in national defense, space exploration, communication, education and entertainment, and the evolution of industrial technologies.
 - to advance the growth and technological progress of the industry by providing facilities and staff assistance in the development and dissemination of technical and related information, the registration of certain new products, and participation in National and International Standardization.
- EIA accomplishes its objectives through an organization of Divisions, Groups and Departments. The Departments provide support to Divisions and Groups in specialty and engineering/technical areas. More than five hundred EIA member companies furnish the membership for hundreds of Committees, Panels and Working Groups which provide the industry expertise for specific efforts.

For full information, write to:

ELECTRONIC INDUSTRIES ASSOCIATION 2001
Pennsylvania Avenue, NW
Washington, D.C. 20008

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A SUMMARY OF THE EIA STANDARDIZATION PROGRAM

The EIA. Engineering Department operates in a comprehensive standardization program as evidenced by over 1 000 standards and publications currently available through EIA. These documents have been prepared and revised by more than 5 000 industry and government representatives who participate on the Engineering Department's 275 Committees.

EIA standards development activity is conducted through Panels, Committees and Working Groups made up of interested persons from EIA member and non-member companies, government, the academic community, and others. Following Committee and public review and comment, and review by the Engineering Department Executive Committee the document is published as an official EIA Standard and made available through sale by the Association's Standards Sales Office.

Many EIA Standards become American National Standards through ANSI approval, and many form the basis of U.S. positions in international standards development in the IEC and ISO.

EIA has developed and issued Standard EIA-476-A on Source and Date Code Marking. This Standard outlines requirements for source and date code marking on electronic components and describes the assignment of component manufacturer identification numbers and their sequence on the component to be marked, along with the lot date code.

Other EIA Standards and Publications are listed in a Catalog of EIA and JEDEC Standards and Engineering Publications which are available upon request to the EIA Engineering Department, 2001 Pennsylvania Avenue NW, Washington. D.C. 20006. (202) 457-4942.

BASOURCECODEAND DATE BOOK

1. What is the EIA Source Code?

It is a numeric symbol, assigned and registered by EIA Headquarters, which may be stamped or marked on any or all products to identify the production source or the vendor assuming product responsibility.

The EIA code, in addition, provides for adding numerals to the source code symbol to identify the year and week of production.

2. How does the date code work?

In addition to a source code, it may be desired to identify the date of production. This can be done by adding, following a hyphen (-), the last two digits of the production year plus the number of the week of that year.

A hypothetical example of the application of the EIA date code to the source code follows: Say a company is assigned the source code 113. To this is added two digits for the year - such as *94* for the current year, or *95* for 1995 - and another two digits for the week of the year. The combined source and date codes would be, in this case:

113-9410

which would represent the company's number *113* plus *93* for 1994, the production year, and *10* for the week of March 6-12, the production week. For convenience in identifying the week, date code tables in the back of this booklet give the number of each week in both 1994 and 1995.

If a component manufacturer is unable to use the four-digit date code, and alternate three-digit code may be used by taking only the last digit of the year. The example above would then become:

113-410

3. To whom is the EIA service available?

To all manufacturers of radio-television and electronic equipment components. This service is extended to all EIA members without charge. For non-members an annual registration fee of \$50.00 is charged.

ALPHABETICAL LIST
EIA CODE SYMBOLS

January 1, 1994

(*indicates non-member)

COMPANY	CODE
3M Company, Electronics Products Division, Austin, TX	681
·A.C.R. Electronics, Inc., Lynn, MA	83
*M Manufacturing, Palo Alto, CA	805
*Academy Electronics, Bensenville, IL	1174
*Accurate Plastics & Engineering, Inc., Longmont, CO	881
*Acme Electric Corp., Cuba, NY	413
*Actown-Electrocoil, Inc., Spring Grove, IL	1108
*Actus Enterprises, Inc., Chicago, IL	469
*Ad-Vance Magnetics, Inc., Rochester, IN	21
*Advance Capacitor Inc., Sarasota, FL	1055
*Advanced Semiconductor, Inc., N. Hollywood, CA	66
Advanced Transformer Co., An NAP Co., Rosemont, IL	1095
Aerovox Aero M, Inc., Glasgow, KY	677
Aerovox Inc., North Dartmouth, MA	1238
*Aguirre Electronic Co., Chicago, IL	1231
Airtron Div. of Litton Industries, Morris Plains, NJ	366
*The A.J. Smoy, Inc., Chicago, IL	217
*Albergo Transformer Co. Inc., Chicago, IL	883
Alcoa Fuji Lmt., Duncan, SC	532
*Alcoils - Warner Electric, Columbia City, IN	925
*ALD Industries, Inc., Oceanside, CA	566
*Allegro MicroSystems, Inc., (formerly Sprague Semiconductor Group), Worchester, MA	736
Allen-Bradley Co., EI Paso, TX	106
*Alpha Metals, Inc., Jersey City, NJ	733
*Altran Corporation, Crystal Lake, IL	1072
*American Magnetics Corp., Cartersville, FL	26
*American Plasticraft Company, Chicago, IL	862
*American Precision Industries, Components Group, East Aurora, NY	773

COMPANY	CODE
American Technical Ceramics Corp., Huntington Station, NY	833
American Radionic Co., Inc., Palm Coast, FL	648
AMD, Sunnyvale, CA	187
AMP Incorporated, Harrisburg, PA	581
Amperex Electronic Corp., Slatersville, RI	111
·Amphenol Fiber Optic Products, Lisle, IL	95
·Amphenol Interconnect Products, Endicott, NY	347
·Anderson Welding & Manufacturing, San Jose, CA	622
·Andrews Tower, Inc., Fort Worth, TX	852
Antenna Specialists Co., Cleveland, OH	920
*APCO Electronics, Div. of American Plasticraft, Chicago, IL	1210
Apple Computer, Fremont, CA	242
*Armel Electronics, Inc., North Bergen, NJ	893
*Aromat Corp., New Providence, NJ	810
*Artted Co, Inc., Springfield, MA	1194
*ASC Capacitors, Ogallala Operations, Ogallala, NE	446
*Aselco, Inc., Gaithersburg, MD	159
*Associated Transformer Corp., Elmwood Park, IL	1035
AT&T Consumer Products, Parsippany, NJ	389
AT&T Microelectronics, Matamoros, Mexico	368
AT&T Technologies, Radford, VA	982
*Atlantic Transformers, Inc., Barker, NY	927
*Atlas/Soundolier, Div. of American Trading & Production Corp., Fenton, MO	795
*Automatic Coil Corp., Miami, FL	1217
*Avex Electronics, Fremont, CA	981
AVX Corporation, Myrtle Beach, SC	102
AVX Tantalum Corp., Biddeford, ME	72
*Balck Electric Corp., St. Charles, IL	621
Ball Corporation, Boulder, CO	1137
*Bangor Electronics Co., Bangor, MI	371
*Bartlett Manufacturing CO.,Elk Grove, IL	985
·Basler Electric Co., Highland, IL	695
·Bel Fuse, Inc., Bel Fuse, Inc., Jersey City, NJ	1212
Bel Fuse Macau, Ltd., Macau	1190
Bel Fuse Ltd., Guang Dong, China	1020

COMPANY	CODE
Bel Fuse Ltd., Kowloon, Hong Kong	1211
Bel Hybrids & Magnetics, Inc., Indianapolis, IN	560
·Bel-Tronics Corp., Addison, IL	36
·BIBCO, Inc., Benton Harbor, MI	487
Bliley Electric Company, Erie, PA	233
·Blonder-Tongue Labs, Inc., Old Bridge, NJ	1195
Boeing Aerospace Corp., Seattle, WA	782
·BREL International Components, Sarasota, FL	800
·BRK Electronics, a Division of Pittway Corporation, Aurora, IL	1133
Brooktree Corp., San Diego, CA	208
Bud Industries, Inc., Willoughby, OH	97
Burle Industries, Inc., Lancaster, PA	825
Burndy Corp., Norwalk, CT	946
·Burr-Brown Corporation, Tuscan, AZ	949
·C & K Components, Inc., Newton, MA	963
·C & M Corporation, Wauregan, CT	1015
·Cable Connection, Inc., Los Gatos, CA	410
·Cablewave Systems, North Haven, CT	585
·CAPCO, Inc., Grand Junction, CO	660
·Lectrohm Div. CAPCO	974
·Capulum Cable Technologies, Ltd., Kanata, Ontario, Canada	797
·CARBONNEAU/ a Div, of the Rockford Corp., Grand Rapids, MI	719
·CELCO (Constantine Engineering Labs Co.), Mahwah, NJ	692
·Cherry Semiconductor Corp., East Greenwich, RI	743
·Chicago Condensor Corp., Chicago, IL	135
·Chip Supply, Inc., Orlando, FL	675
·Chunghwa Picture Tubes, Ltd., Taiwan, ROC	577
·Cin-Tran, Inc., Cincinnati, OH	30
·Clarence Controls, Inc., Lancaster, NY	799
·Clarke Electronics Co., Portland, OR	678
Clarostat Mfg. Co., Dover, NH	140
Clarostat, El Paso, TX	20
Clarostat, Richmond, ME	19
·Classic Coil Winding, Inc., Douglas, AZ.	379

COMPANY	CODE
Clinton Electronics Corp., Rockford, IL	1240
·Coil-Tran Corp., Hobart Electronics, Hobart, IN	696
·Coilcraft, Cary, IL	906
·Coiltronics, Inc., Pompano Beach, FL	295
·Collmer Semiconductor, Inc., Dallas, TX	63
·Colorado Crystal Corp., Loveland, CO	780
·Columbia Electronic Cables, New Bedford, MA	905
·Comair Rotron, a KU Co., Saugerties, NY	876
·Comex Systems, Derry, NH	559
·Communication Coil, Inc., Chicago, IL	715
·Computervision Corp., Bedford, MA	994
·Connector Corp., Chicago, IL	888
·Consolidated Wire & Associated Corps., Chicago, IL	607
·Contract Manufacturing Alternatives, Port au Prince, Haiti	997
Cooper Industries	
Belden Wire and Cable, Richmond, IN	579
Bussman Division, St. Louis, MO	121
Cornell-Dubilier Electronics, New Bedford Plant, New Bedford, MA	34
Sangamo Components Division, Pickens, SC	658
·Cramer Coil & Transformer Co., Inc., Saukville, WI	544
·Credence Speakers, Inc., Kevil, KY	117
·CRT Scientific Corp., Van Nuys, CA	479
·Crystal Technology, Inc., Palo Alto, CA	15
Crystek Corporation, Fort Myers, FL	886
CTS Corporation, Elkhart, IN	137
·Custom Magnetics, Inc., N. Manchester, IN	480
·Custom Coils, Inc., Alcester, SD	661
Custom Phones, Inc., Indianapolis, IN	377
Cypress Semiconductor, San Jose, CA	558
·DC Electronics, San Jose, CA	216
Dale Electronics, Div. of Vishay Intertechnology, Bradford Plant, Bradford, PA	148
Special Film Division, Bradford, PA	778
Wirebound Division, Columbus, NE	816
Film Division, Norfolk, NE	801
Micro Division, El Paso, TX	864

COMPANY	CODE
Yankton Division, Yankton, SO	889
Dantona Industries, Inc., Lynbrook, NY	550
*Data General Corp., Westboro, MA	634
*De Anza Manufacturing Services, Sunnyvale, CA	642
Dearborn Electronics, Inc., Sub. of Sprague Electric, Orlando, FL	1200
Dearborn Wire & Cable Co., Wheeling, IL	213
*Decibel Products, Inc., Dallas, TX	215
·Del Electronics Corp., Mt. Vernon, NY	1230
*Deltona Transformer Corp., DeLand, FL	49
·Denron Inc., San Jose, CA	686
Deutsch Relays, Inc., E. Northport, NY	395
Digital Equipment Corp., Boxborough, MA	459
·Diversified Systems Inc. (DSI), Indianapolis, IN	725
*DLW Audio Consultants, Inc., Stevens, PA	482
*Douglas Radioelectrica SA, Sao Paulo, Brasil	1037
·Ducati Electrotechnica Microfarad, Bologna, Italy	429
*Dukane Corporation, St. Charles, IL	252
*Dunbar Sales Co., Inc., Commerce, CA	636
Duracellinc., Tarrytown, NY	61
·Durex West, San Jose, CA	356
Dynacraft Inc., a subsidiary of National Semiconductor, Santa Clara, CA	64
Dynascan Corp., Chicago, IL	1182
·E&I International, Inc., Goodland, IL	991
·Edall Industries, Inc., East Haven, CT	812
E. F. Johnson Co., Waseca, MN	222
Elco Corporation/A Kyocera Group Company, Huntingdon, PA	599
·Elcom Div. I Cain Industrial Corporation, Guttenburg, IA	712
*Electrical Winding, Inc., Chicago, IL	682
·Electro Assemblies Corp., Northbrook, IL	73
·Electro-Mell Industries, Inc., Hazelhurst, WI	1158
ELECTROSWITCH, Weymouth, MA	201
·Electro Technology, Inc., Muscle Shoals, AL	914
·Electro-Winders Co. Inc., Covina, CA	984
·Electronic Products Design, Inc., Wendell, NC	616

COMPANY	CODE
*Electronic Devices, Inc., Yonker, NY	752
*Electronic Components Corp., Addison, IL	515
*Electronic Test Equipment Mfg Co., Lancaster, PA	1150
·EI-Rad Mfg. Co., Chicago, IL	632
·Eminence Speaker Co., Eminence, KY	67
*Empire Video, Inc., Jacksonville, FL	856
·Energizer Power Systems, Gainesville, FL	183
·ENG Electric Co. Ltd., Taiwan, ROC	363
·Ensign Corp., Burr Ridge, IL	172
Eon Corporation, Reston, VA	382
*ESAM, Inc., Grant Pass, OR	659
·ESC Electronics Corp., Palisades Park, NJ	1069
·Esquire Radio & Electronics, Inc., Brooklyn, NY	742
*Etched Media Corp., Campbell, CA	349
*Etos Fujikura North Haven, Inc., North Haven, CT	495
·ETRI, Inc., Monroe, NC	165
Eveready Battery Co., St. Louis, MO	40
EXAR Corporation, San Jose, CA	488
·Ex-Qual Electronics, Inc., Stone Park, IL	827
The Fabri-Form Company, Byesville, OH	384
*Fair-Rite Products Corp., Wallkill, NY	136
*Feller Neumnayer Corp., Somerset, NJ	740
*Fernesh, Inc., Salt Lake City, UT	1219
·Flexus Electronics, Kanata, Ontario, Canada	287
·Foral Metal Products, Ltd., Nepean, Ontario, Canada	333
·Forbes & Wagner, Inc., Silver Creek, NY	701
·Foster Transformer Co., Cincinnati, OH	394
Fox Electronics, Ft. Myers, FL	589
·Fujikura America, Inc., Atlanta, GA	844
*Galgon Industries, Fremont, CA	737
·Gardiner Solder Co., Chicago, IL	243
GC THORSEN, A Household International Company, Rockford, IL	723
GDE Systems, Inc., San Diego, CA	916
*GEFCO Mfg. Corp., Grayslake, IL	1056
General Atronics Corp., Electronic Tube Div., Magnavox Co., Philadelphia, PA	170

COMPANY	
General Dynamics Corporation	1208
General Dynamics/Electronics, Rochester, NY	898
General Dynamics/Pomona, Pomona CA General Dynamics/Stromberg-Carlson., Rochester, NY	308
General Electric Co., Schenectady, NY	188
Power Supply Operations, Fort Wayne, IN	735
Genera/Instrument Corp., Clifton NJ	191
Semiconductor Products Group, Hicksville, NY	990
Transportation Electronics, EI Paso, TX	528
Defense & Engineering Products Group, Hicksville, NY	380
Discrete Semiconductor Div., Hicksville, NY	119
General Motors Hughes Electronics, Kokomo, IN	466
EI Segundo, CA *GFS	744
Mfg. Co. Inc., Dover, NH	676
*Gould AMI Semiconductors, Pocatello, 10	875
*Gowanda Electronics, Gowanda, NY *Grand Transformers, Inc.	237
Grand Transformers, Inc., Ireland	708
Grand, Grand Haven, MI	757
Grand, Hungary	1097
*GSG Industries, Robinson, IL	919
*GTI Corp.lCircuit Div., Leesburg, /N	59
Guardian Electric Mfg. Co., Chicago,IL	975
*Gulbransem, CBS Musical Instruments A Divison of CBS, Deerfield, IL'	1135
*Gum Ball Company, Santa Clara, CA *Harbor Electronics, Inc., Ridgefield, CT Hamon	315
Kardon, Inc., Plainview, NY Harris Semiconductor,	843
Melbourne, FL	794
*Heath Company, St. Joseph, MI	274
*Henard Mfg. Co., Inc., Addison, IL	416
*Heyboer Transformers, Inc., Grand Haven, MI High Energy Corp., Parkesburg, PA	808
*Hilton Industries, Inc., Div of Core Industries Inc., Sarasota, FL	996
	401
	986

COMPANY	CODE
Hitachi America, Semiconductor & IC Division., Brisbane, CA	826
*Houston Transformer Co., Houston, TX	513
*Hy-Gain Electronics Corp., Lincoln, NE	894
*IRC -Shallcross, Smithfield, NC	33
Illinois Capacitor, Inc., Lincolnwood, IL	145
*Indek Corporation, San Jose, CA	807
*Inglot Electronics Corp., Chicago, IL	23
Integrated Device Technology, Inc., Santa Clara, CA	766
Intel Corp., Santa Clara, CA	386
International Components Corp., Melville, NY	922
International Jensen, Inc., Lincolnshire, IL	220
International Telephone & Telegraph Corp., In Cannon, Santa Ana, CA	440
In Federal Laboratories, Clifton, NJ	179
In Federal Laboratories, Ft. Wayne, IN	938
In Industrial Products Division, San Francisco, CA	48
In Intellex Systems, New York, NY	1109
In North Electric, Galion, OH	615
In Shadow, Eden Prairie, MN	497
In Semiconductor, Inc., W. Palm Beach, FL	71
International Video Products, Inc., Irving, TX	
*Inventa Electronics Co. Ltd., Taipei, Taiwan	561
*ISOREG Corp., Littleton, MA	998
JAE Electronics, Inc., Irvine, CA	374
*James Electronics, Inc., Chicago, IL	863
*J-B-T Instruments, Inc., New Haven, CT	442
*Jeffers Electronics Inc., Nogales, AZ	724
*Johnson Electric Coil Co., Antigo, WI	1096
*Keltron Corporation, Waltham, MA	626
KEMET Electronics Corp., Greenville, SC	4
*Kenlab Industries, Inc., San Leandro, CA	674
Kenwood U.S.A. Corp., Long Beach, CA	942
Keystone Electronics Corp., New York, NY	683
*Kline Iron & Steel Co., Columbus, SC	869
KOA Speer Electronics, Raleigh, NC	300
*Lansdale Semiconductor, Inc., Tempe, AZ	477
*Lassen Electronics Corp., Fremont, CA	181
*Lectromagnetics, Inc., Los Angeles, CA	511

COMPANY	CODE
*Lenco Electronics, Inc., McHenry, IL	605
*LEPCOLeopard Electric Products, Brownsville, TX	570
Linear Technology Corp., Milpitas, CA	253
Linfinity Microelectronics Inc., Garden Grove, CA	769
*Litronix, Cupertino, CA	11
Littelfuse, Inc., Des Plaines, IL	230
*Long Engineering, Inc., Waveland, IN	432
*Lucas Ledex, Inc., Vandalia, OH	1159
*Lynn Products, Inc., Torrance, CA	475
M-tron Industries, Inc., Yankton, SD	388
Magnetek, Elk Grove Village, IL	218
MagneTek Better Coil, Div. of MegneTek, Inc., Goodland, IN	831
MagneTek Better Electronics Corp., Div of Magnetek Inc., Taoyuan, Taiwan	493
MagneTek Matamoros, Div of Magnetek, Inc., Matamoros, Mexico	327
MagneTek Triad, Huntington, IN	17
*Magnetic Coil Mfg. Co. Inc., Chicago, IL	933
*Magnetic Components, Inc., Div. of Marvel Electric Corp., Schiller Park, IL	166
*Magnetic Windings Co., Easton, PA	352
Magnovox Electronic Systems Company, Ft. Wayne, IN	971
*Major Electronics, Inc., Van Nuys, CA	38
*Marvel Electric Corp., Chicago, IL	989
*Master Circuits, Inc., Kokomo, IN	182
*Matrix Instruments Inc., Northvale, NJ	731
*Matsushita Television Co., Franklin Park, IL	157
*Mayfair Molded Products Corporation, Schiller Park, IL	1041
McGregor Electronics Industries, Inc., McGregor, IA	789
*MCX, Inc., Klamath Falls, OR	184
*MDE Electronics, Ltd., Taipei, Taiwan	1225
*Mechatronics, Inc., Mercer Island, WA	828
Mepco/Centralab, Inc., A Div. of NAP, Riveria Beach, FL	134
*MEL-RAIN Controls, Paw Paw, MI	639
*Merrimack Magnetics Corp., Lowell, MA	41

COMPANY	CODE
*Meteor Transformer Mfg., Detroit, MI	786
Methode Electronics, Inc., Chicago, IL	720
*Micro Linear Corp., San Jose, CA	123
Microsemi Corp., Scottsdale, AZ	1145
*Microtran Co., Inc., Valley Stream, NY	768
*Microwave Power Devices, Hauppauge, NY	1071
*Midcom, Inc., Watertown, SD	651
*Midcom Technology, Inc., a div. of Midcom Group, Watertown, SD	751
*Midtex Relay, Inc., El Paso, TX	650
*MIDWESTCO Enterprises, Inc., Chicago, IL	549
*MISCO/Minneapolis Speaker Co., Minneapolis, MN	114
*Mitek Corp., Winslow, IL	557
Mitsubishi Electronics Inc., Canada, Ontario	152
Mitsubishi Electronics America, Inc., Electronics Devices Group, Sunnyvale, CA	245
Mitsubishi Electric Sales America, Inc., Sub of Mitsubishi Electric Corp., Mt. Prospect, IL	855
*MMP-Matthews Metal Products, Inc., Gilroy, CA	369
*Monopanel Technologies, Inc., West Allis, WI	346
Motorola, Inc., Franklin Park, IL	185
Murata Erie North America, Smyrna, GA	543
*National Electric Cable, Inc., Bensenville, IL	727
*National Electronics, Inc., or RF Gain, LtdIDiv of Richardson Electronics, Ltd., La Fox, IL	749
National Semiconductor Corp., Santa Clara, CA	14
NCR Corp., Microelectronic Products Division, Colorado Springs, CO	728
NEC Electronics, Inc., MI View, CA	1002
NEC Technologies, Inc., Wood Dale, IL	454
*Nichicon (America) Corp., Schaumburg, IL	77
*Nighthawk Industries, Inc., Colorado Springs, CO	803
North American Capacitor Co. (Mallory Products), Indian polis, IN	235
North American Phillips Corp., New York, NY	423
*Northlake Engineering, Inc., Bristol, WI	1005
*Northland Aluminum Products, Inc., Minneapolis, MN	473

COMPANY	CODE
NTE Electronics, Inc., Bloomsfield, NJ	859
·Oak Grisby, Inc., Sugar Grove, IL	249
·Odili Technologies, Inc., Ridgefield, CT	1075
·Ogden Coil & Transformer Co., Chicago, IL	776
Ol-NEG TV Products, Inc., Toledo, OH	647
OKI Semiconductor, Sunnyvale, Ca	195
·Omnetics Connector Corp., Minneapolis, MN	525
Omnirel Corp., Leominster, MA	804
Onan Corporation, Power Electronics Div., Minneapolis, MN	687
·OPT Industries, Inc., Phillipsburg, NJ	895
·Ovenaire, Inc., Charlottesville, VA	1100
·Ovonic Battery Co., Troy, MI	734
Oxford Speaker Co.lMcGregor Loudspeaker Mfg.l Div. of Oxford International ltd., Chicago, IL	465
·Palimar Corporation, Fremont, CA	76
Panasonic Co.lPanasonic Industrial Co., Secaucus, NJ	130
·Panel Components Corp., Santa Rosa, CA	405
·Parametric Industries, Inc., Winchester, MA	44
·Payne Magnetism, Inc., Covina, CA	854
·PCA Electronics, Inc., North Hills, CA	915
PCSI (Pacific Communication Sciences Inc), San Diego, CA	926
·Penn-Tran Corp., Wingate, PA	665
·Permavolt Transformers, Inc., Southbend, IN	1167
Pfanstiehl Corporation, Waukegan, IL	367
Philips Consumer Electronics Co., Div of North American Philips Corp., Knoxville, TN	232
Phillips ECG, Inc., Seneca Falls, NY	312
Philmore Mfg. Co., Rockford, IL	262
·Piezo Crystal Co., Carlisle, PA	501
Piher International Corp., Mt. Prospect, IL	464
Positronic Industries, Inc., Springfield, MO	275
The Potter Co., a Div. of Varian, Wesson, MS	43
Powerex, Inc., Youngwood, PA	163
·Precision Components, Inc., Wilmington, IL	685
·Precision Electronics, Inc., Franklin Park, IL	871
·Prelco Electronics Canada, Ltd., Nepean, Ontario	359
·Prem Magnetism, Inc., McHenry, IL	526

COMPANY	CODE
·Prestec Electronics, Ltd., Ottawa, Canada	726
·Projected Sound, Inc., Plainfield, IN	144
·Providence Co., Media, PA	510
·Pyle Industries, Inc., Huntington, IN	1098
·QAD. Electronics, Inc., Nashville, TN	393
·QSE, Inc., Watseka, IL	486
Quam-Nichols Co., Chicago, IL	270
Quasar Co., Elgin, IL	633
·Quintec Interconnect Systems., San Jose, CA	858
·Radio Television Products Corp., Douglas, Al.	489
·Ra-Tek Precision Sheet Metal, Inc., Morgan Hill, CA	210
·Ravenswood Electronics Corp., Chicago, IL	37
Raython Mfg Co., Lexington, MA	280
·RENCO Electronics, Inc., Deer Park, NY	174
·Reyns Transformer Co., Brookfield, *	970
Richardson Electronics, ltd., La Fox, IL	962
·Richey Inc., Nashville, TN	52
Robert Bosch Corp., Blaupunkt Division., Broadview, IL	576
Rockwell International, EI Segundo, CA	967
Admiral Group, Schaumburg, IL	101
Collins Radio Group, Cedar Rapids, IA	439
Roederstein Electronics, Inc., Statesville, NC	214
ROHM Corp., ROHM Electronics Div., Antioch, TN	1019
·RSP Manufacturing Corp., Fremont, CA	945
·Rubycon America, Inc., Gurnee, IL	775
·SAFT America, Inc., Valdosta, GA	1125
·Salom Electric Co, ltd., Kaohsiung, Taiwan	491
Samsung America, Inc., Samsung Electronics America, Inc., Ridgefield Park, NJ	918
Sanyo Mfg. Corp., Forrest City, AR	167
·Saronix, Palo Alto, CA	533
Schott Corporation, Wayzata, MN	602
·Schulze Manufacturing Corp., Burlingame, CA	944
·Schumacher Electric Corp., Chicago, IL	606
·Schwalm Electronics, Inc., Highland Park, IL	1060
·SCI Manufacturing, Colorado Springs, CO	542
·Scot Electrical Products, Downers Grove, IL	452

COMPANY	CODE
SD&E, Inc., Long Branch, NJ	973
·SDI Technologies, Inc., Jersey City, NJ	870
·Seacor, Inc., Westwood, NJ	69
SEEQ Technology, Inc., San Jose, CA	796
Seiko Instruments USA, Inc., Torrance, CA	409
·Semiconductors, Inc./Nalber Devices, Linden, NJ	154
Semtech Corporation, Newbury Park, CA	348
Sencore, Inc., Sioux Falls, SO	1226
·Serra Corp., Fremont, CA	899
SGS· Thomson Microelectronics, Phoenix, AZ	691
·Shallco, Inc., Smithfield, NC	885
·Shelley-Ragon, Inc., St. Paul, MN	456
·Sicon International, Inc., San Jose, CA	571
Siecor Corporation, Hickory, NC	591
Signetics Corp., Sub. of NA Philips Corp., Sunnyvale, CA	519
·Silicon Transistor Corp., Chelmsford, MA	42
·SMK Electronics Corp., USA, Placentia, CA	476
·SNC Manufacturing Co., Oshkosh, WI	6
·Sokol Crystal Products, Dodgeville, NJ	865
Sola Electric, A Unit of General Signal, Elk Grove Village, IL	75
·Solid State Electronics Co., Pvt. Ltd., Bombay, India	175
Solitron Devices, Inc., Rivera Beach, FL	1087
·South Haven Coil Inc., South Haven, MI	1066
·SPC Technology, Chicago, IL	373
SPECO Div., Components Specialists Inc., Lindenhurst, NY	1119
·Spectronics, Inc., Richardson, TX	1213
·Spectrum Control Inc., Fairview, PA	258
·Spellman High Voltage Electronics Corp., Plainview, NY	1172
·Spin Magnetics, Inc., Lake Wales, FL	435
·Staco Transpower, Divison of Components Corp. of America, Inc., Mt. Carmel, IL	239
·Standard Microsystems Corp., Hauppauge, NY	929
·Standex Electronics, Cincinnati, OH	350
Paul H. Smith, Div. of Standex International, Cincinnati, OH	1070

COMPANY	CODE
Statek Corp., Orange, CA	112
·Sun Microsystems, Inc., Mt. VifN./, CA	161
·Support Systems International Corp., Richmond, CA	958
Swift Cor, Inc., Gardenia, CA	437
Switch craft, Inc., Chicago, IL	1000
·Syntronic Instruments, Inc., Addison, IL	822
Taco/Jerrold Div., Sub. of General Instruments, Philadelphia, PA	923
·Tamura Corporation of America, FKA, Pan-Magnetics, Carson, CA	196
Tansitor Electronics, Bennington, VT	9
TDK Corp of America, Mt. Prospect, IL	472
·Technitrol, Inc., Philadelphia, PA	1102
Tech Spray, Inc., Amarillo, TX	192
·TELvision Laboratories, Inc., Wauconda, IL	608
·Tetra Fan USA, Inc., Mt. View, CA	531
·Texas Transformer Corp., Plano, TX	1181
·THD, Ltd., Seattle, WA	247
·The Forest Electric Co., Melrose Park, IL	755
·The Colber Corporation, Irvington, NJ	546
Thomas Electronics, Wayne, NJ	892
Thomson Consumer Electronics, Inc., Indianapolis, IN	553
·Thordarson-Meissner, MT Carmel, IL	238
·Time Electronics, Div. of Avnet, Sunnyvale, CA	1104
·Toko America, Inc., Mt. Prospect, IL	714
·Toroid Transformer, Inc., Chicago, IL	1010
·Torotel Products, Inc., Grandview, MO	1204
·Torwico Electronics, L.P., Lakewood, NJ	1025
Toshiba Marcon Electronics America Corp., Vernon Hills, IL	760
·Toshiba Corporation, Tokyo, Japan	354
Toshiba Display Devices, Horseheads, NY	455
·Tran Spectra, Inc., Greenfield, TN	777
·Tranco, Inc., Chicago, IL	867
·Transformer Manufacturers, Co., Norridge, IL	1052
·Transformer Technicians, Inc., Chicago, IL	1229
·Transmission Networks International, Inc., Knightdale, NC	699
·Trend Plastics, San Jose, CA	690

COMPANY	CODE
*Tri-Cities Mfg. & Eng., Tuscumbia, AL *Trimm Industries, Inc., N. Hollywood, CA Triplett Corp., Bluffton, OH	177 670 321
TRW, Inc., Power Electronics Products, Marshall, IL	273
Semiconductors, Lawndale, CA	947
*United Chem-Con, Inc., Rosemont, IL	849
Unitrode Integrated Circuits, Merrimack, NH *Urban Technologies, Inc., Fredonia, NY	907 664
US JVC Corp., Elmwood Park, NJ	1008
*Utah Sound Products, Division of Oxford International, Ltd., Chicago, IL	328
*V&F Transformer Corp., Bartlett, IL *V-M Corporation, Benton-Harbor, MI Valpey-Fisher Corp., Hopkinton, MA	60 857 412
*Varo Quality Semiconductor, Inc., Garland, TX Vicon Industries Inc., Melville, NY	271 966
·Video Display Corp., Stone Mountain, GA ·Vldeo Electronics, Garza Garcia, Mexico *Video Monitors, Inc., Eau Claire, WI *Virginia Plastics Company, Inc., Salem, VA Vishay Sprague, Sanford, ME	39 424 837 375
*Volex Interconnect Systems, Castlebar, Ireland	2 793
Dartmouth, MA	792
Milpitas, CA	790
*Wabash, Inc., Wabash Relay Div., Wabash,IN	524 334
Wells-Gardiner Electronics Corporation, Chicago,IL	7
*Wesco Electrical Co. - J.K. Electronics, Inc., Greenfield, MA	1038 326
*Winslow Industries, Inc., Monroe, WI Wright Capacitors, Inc., Santa Ana, CA Xicor, Inc., Milpitas, CA	764
Zenith Electronics Corp., Glenview, IL	343 1101
Rauland Division, Melrose Park, IL	

NUMERICAL LIST EIA CODE SYMBOLS

January 1, 1994

(*indicates non-members)

CODE	COMPANY
2	Vishay Sprague, Sanford, ME
4	KEMET Electronics Corp, Greenville, SC
6	*SNC Manufacturing Co., Oshkosh, WI
7	*Wesco Electrical Co. - J.K. Electronics, Inc., Greenfield, MA
9	Tansitor Electronics, Bennington, VT
11	*Litronix, Cupertino, CA
14	National Semiconductor Corp., Santa Clara, CA
15	*Crystal Technology, Inc., Palo Alto, CA
17	MagneTek Triad, Huntington, IN
19	Clarostat Mfg. Co., El Paso, TX
20	Clarostat Mfg. Co., Richmond, ME
21	*Ad-Vance Magnetics, Inc., Rochester, IN
23	*Inglot Electronics Corp., Chicago, IL
26	*American Magnetics Corp., Cartersville, FL
30	*Cin-Tran, Inc., Cincinnati, OH
33	*IRC - Shallcross, Inc., Smithfield, NC
34	Cornell-Dubilier Electronics, New Bedford Plant, New Bedford, MA
36	*Bel-Tronics Corp., Addison, IL
37	*Revenswood Electronics Corp., Chicago, IL
38	Major Electronics, Inc., Van Nuys, CA
39	*Video Display Corp., Stone Mountain, GA
40	Eveready Battery Co., St. Louis, MO
41	*Merrimack Magnetics Corp., Lowell, MA
42	*Silicon Transistor Corp., Chelmsford, MA
43	The Potter Co., A Div of Varian, Wesson, MS
44	*Parametric Industries, Inc., Winchester, MA
48	ITT Industrial Products Division, San Fernando, CA
49	*Deltona Transformer Corp., DeLand, FL
52	*Richey Electronics, Inc., Nashville, TN
59	*GTI Corp.lCircuit Div., Leesburg, IN
60	*V&F Transformer Corp., Bartlett, IL
61	Duracell Inc., Tarrytown, NY

CODE	COMPANY
63	·Collmer Semiconductor, Inc., Dallas, TX
64	Dynacraft Inc., a subsidiary of National Semiconductor, Santa Clara, CA
66	·Advanced Semiconductor, Inc., Hollywood, CA
67	·Eminence Speaker Co., Eminence, KY
69	·Seacor, Inc., Westwood, NJ
71	In Semiconductor, Inc., W. Palm Beach, FL
72	AVX Tantalum Corp., Biddeford, ME
73	·Electro Assemblies Corp., Northbrook, IL
75	Sola Electric, A Unit of General Signal, Elk Grove Village, IL
76	·Palimar Corporation, Fremont, CA
77	·Nichicon (America) Corp., Schaumburg, IL
83	·A.C.R. Electronics, Inc., Monroe, WI
95	·Amphenol Fiber Optic Products, Lisle, IL
97	Bud Industries, Inc., Willoughby, OH
101	Admiral Group/Rockwell Int'l Corp., Schaumburg, IL
102	AVX Corporation, Myrtle Beach, SC
106	Allen-Bradley Co., El Paso, TX
111	Amperex Electric Corp., Slatersville, RI
112	Statek Corp., Orange, CA
114	·MISCO/Minneapolis Speaker Co., Minneapolis, MN
117	·Credence Speakers, Inc., Kevil, KY
119	Discrete Semiconductor Div. General Instrument Corp., Hicksville, NY
121	Bussman Division, Cooper Industries, St. Louis, MO
123	·Micro Linear Corp., San Jose, CA
130	Panasonic CO./Panasonic Industrial Co., Secaucus, NJ
134	Phillips Corp., Riviera Beach, FL
135	·Chicago Condensor Corp., Chicago, IL
136	·Fair-Rite Products Corp., Wallkill, NY
137	CTS Corporation, Elkhart, IN
140	Clarostat Mfg. Co., Dover, NH
144	·Projected Sound, Inc., Plainfield, IN
145	Illinois Capacitor, Inc., Lincolnwood, IL
148	Dale Electronics, Div. of Vishay Intertechnology, Bradford Plant, Bradford, PA
152	Mitsubishi Electronics Ind., Ontario, Canada
154	·Semiconductors, Inc./Walbern Devices, Linden, NJ
157	·Matsushita Television Co., Franklin Park, IL

CODE	COMPANY
159	·Aselco, Inc., Gaithersburg, MD
161	Sun Microsystems, Inc., Mt. View, CA
163	Powerex, Inc., Youngwood, PA
165	·ETRI, Inc., Monroe, NC
166	·Magnetic Components, Inc., Div. of Marvel Electric Corp., Schiller Park, IL
167	Sanyo Mfg. Corp., Forest City, AR
170	General Atronics Corp., Electronic Tube Div., Magnavox Co., Philadelphia, PA
172	·Ensign Corp., Burr Ridge, IL
174	·RENCO Electronics, Inc., Deer Park, NY
175	·Solid State Electronics Co., Pvt. Ltd., Bombay, India
177	·Tn-Cities Mfg. & Eng., Tuscumbia, AL
179	In Federal Laboratories, Clifton, NJ
180	Gates Energy Products, Inc., Gainesville, FL
181	·Fassen Electronics Corp., Fremont, CA
182	·Master Circuits, Inc., Kokomo, IN
183	·Energizer Power Systems, Gainesville, FL
184	·MCX, Inc., Klamath Falls, OR
185	Motorola, Inc., Franklin Park, IL
187	AMD, Sunnyvale, CA
188	General Electric Co., Schenectady, NY
191	General Instrument Corp., Clifton, NJ
192	Tech Spray, Inc., Amarillo, TX
195	OKI Semiconductor, Sunnyvale, Ca
196	·Tamura Corporation of America, FKA, Pan-magnetics, Carson, CA
201	ELECTROSWITCH, Weymouth, MA
208	Brooktree Corp., San Diego, CA
210	·Ra-Tek Precision Sheet Metal, Inc., Morgan Hill, CA
213	Dearborn Wire & Cable Co., Wheeling, IL
214	Roederstein Electronics, Inc., Statesville, NC
215	·Decibel Products, Inc., Dallas, TX
216	·DC Electronics, San Jose, CA
217	·The A.J. Smoy, Inc., Chicago, IL
218	Magnetek, Elk Grove Village, IL
220	International Jensen, Inc., Lincolnshire, IL
222	E. F. Johnson Co., Waseca, MN
230	Littlefuse, Inc., Des Plaines, IL

CODE	COMPANY
232	Philips Consumer Electronics Co., Div of North American Philips Corp., Knoxville, TN
233	Bliley Electric Company, Erie, PA
235	North American Capacitor Co. (Mallory Products), Indian polis, IN
237	*Gowanda Electronics, Gowanda, NY
238	*Thordarson-Meissner, MT Carmel, IL
239	*Staco Transpower, Divison of Components Corp. of America, Inc., Mt. Carmel, IL
242	Apple Computer, Fremont, CA
245	Mitsubishi Electronics America, Inc., Electronics Devices Group, Sunnyvale, CA
247	*THD, Ltd., Seattle, WA
249	*Oak Grisby, Inc., Sugar Grove, IL
252	*Dukane Corporation., St. Charles, IL
253	Linear Technology Corp., Milpitas, CA
258	*Spectrum Control Inc., Fairview, PA
262	Philmore Mfg. Co., Rockford, IL
270	Quam-Nichols Co., Chicago, IL
271	*Varo Quality Semiconductor, Inc., Garland, TX
273	TRWIPower Electronics Products., Marshall, IL
274	Harris Semiconductor, Melbourne, FL
275	Positronic Industries, Inc., Springfield, MO
280	Rayethon Mfg Co., Lexington, MA
287	*Flexus Electronics, Kanata, Ontario, Canada
295	*Coiitronics, Inc., Pompano Beach, FL
300	KOA Speer Electronicsa, Bradford, PA
308	General Dynamics/Stromberg-Carlson, Rochester, NY
312	Philips ECG, Inc., Seneca Falls, NY
315	*Gum Ball Company, Santa Clara, CA
320	International Video Products, Inc., Irving, TX
321	Triplett Corp., Bluffton, OH
326	Wright Capacitors, Inc., Santa Ana, CA
327	MagneTek Matamoros, Div of Magnetek, Inc., Matamoros, Mexico
328	*Utah Sound Products, Division of Oxford International, Ltd., Chicago, IL
333	*Floral Metal Products, Ltd., Nepean, Ontario, Canada
334	Well-Gardiner Electronics, Chicago, IL
343	Zenith Electronics Corp., Chicago, IL
346	*Monopanel Technologies, Inc., West Allis, WI

CODE	COMPANY
347	*AmphenolInterconnect Products, Endicott, NY
348	Semtech Corporation, Newbury Park, CA
349	*Etched Media Corp., Campbell, CA
350	*Standex Electronics, Cincinnati, OH
352	*Magnetic Windings Co., Easton, PA
354	*Toshiba Corporation, Tokyo, Japan
356	*Durex West, San Jose, CA
359	*Prelco Electronics Canada, Ltd., Nepean, Ontario, Canada
363	*ENG Electric Co. Ltd., Taiwan, ROC
366	*Airtron Div of Litton Industries, Morris Plains, NJ
367	Pfanstiehl Corporation, Waukegan, IL
368	AT & T Microelectronics, Matamoros, Mexico
369	*MMP-Mattherw Metal Products, Inc., Gilroy, CA
371	*Bangor Electronics Co., Bangor, MI
373	*SPC Technology, Chicago, IL
374	JAE Electronics, Inc., Irvine, CA
375	*Virginia Platics Company, Inc., Salem, VA
377	Custom Phones Inc., Indianapolis, IN
379	*Classic Coil Winding, Inc., Douglas, AZ
380	*Defense & Engineering Products Group, General Instrument Corp., Hickville, NY
382	Eon Corporation, Reston, VA
384	The Fabri-Form Company, Byesville, OH
386	Intel Corp., Santa Clara, CA
388	M-tron Industries, Inc., Yankton, SD
389	AT&T Consumer Products, Parsippany, NJ
393	*QAD. Electronics, Inc., Nashville, TN
394	*Foster Transformer Co., Cincinnati, OH
395	Deutsch Relays, Inc., E. Northport, NY
405	*Panel Components Corp., Santa Rosa, CA
409	Seiko Instruments USA, Inc., Torrance, CA
410	*Cable Connection, Inc., Los Gatos, CA
412	Valpey-Fisher Corp., Hopkinton, MA
413	*Acme Electric Corp., Cuba, NY
416	*Heath Co., st. Joseph, MI
423	North American Phillips Corp., New York, NY
424	*Video Electronics, Garza Garcia, Mexico
429	*Ducati Elettrotechnica Microfarad, Bologna, Italy
432	*Long Engineering, Inc., Waveland, IN

CODE	COMPANY
435	*Spin Magnetics, Inc., Lake Wales, FL
437	*Swift Cor, Inc., Gardena, CA
439	Collins Radio GrouplRockwellInt'l Corp., Cedar Raids, IA
440	ITT Cannon., Santa Ana, CA
442	*J-B-T-Instruments, Inc., New Haven, CT
446	* ASC Capacitors, Ogalla Operations, Ogallala, NE
452	*Scot Electrical Products, Downers Grove, IL
454	NEC Technologis, Inc., Wood Dale, IL
455	Toshiba Display Devices, Horseheads, NY
456	*Shelley-Ragon, Inc., St. Paul, MN
459	Digital Equipment Corp., Northboro, MA
464	Piher International Corp., Mt. Prospect, IL
465	Oxford Speaker CO./McGregor Loudspeaker <i>Mfgl</i> Division of Oxford International ltd., Chicago, IL
466	General Motors Hughes Electronics (formerly Delco Electronics), Kokomo, IN
469	*Actus Enterprises, Inc., Chicago, IL
472	TDK Corp of America, Mt. Prospect, IL
473	*Northland Aluminum Products, Inc., Minneapolis, MN
475	*Lynn Products, Inc., Torrance, CA
476	*SMK Electronics Corp., USA, Placentia, CA
477	*Lansdale Semiconductor, Tempe, AZ
479	*CRT Scientific Corp., Van Nuys, CA
480	*Custom Magnetics, Inc., N. Manchester, IN
482	·DLW Audio Consultants, Inc., Stevens, PA
486	*QSE, Inc., Watseka, IL
487	*BIBCO, Inc., Benton Harbor, MI
488	EXAR Corporataion, Stone Park, CA
489	*Radio Television Products Corp., North Haven, Ct
491	·Salom Electric Co, Ltd., Kaohsiung, Taiwan
493	MagneTek Better Electronics Corp., Divof MagneTek Inc., Taoyuan, Taiwan
495	*Etos Fujikura North Haven, Inc., North Haven, CT
497	ITT Shadow, Eden Prairie, MN
501	*Piezo Crystal Co., Carlisle, PA
510	*Providence Co., Media, PA
511	*Letromagnetics, Inc., Los Angeles, CA
513	*Houston Transfrmer Co., Houston, TX

CODE	COMPANY
515	*Electronic Components Corp., Addison, IL
519	Signetics Corp., Sub. of NA Philips Corp., Sunnyvale, CA
524	*Wabash, Inc., Wabash Relay Div., Wabash, IN
525	*Omnetics Connector Corp., Minneapolis, MN
526	*Prem Magnetics, Inc., McHenry, IL
528	Transporation ElectronicslGeneralInstrument Co., El Paso, TX
531	*Tetra Fan USA, Inc., Mt. View, CA
532	Alcoa Fuji Lmt., Duncan, SC
533	*Saronix, Palto Alto, CA
542	*SCI Manufacturing, Colorado Springs, CO
543	Murata Erie North America, Smyrna, GA
544	*Cramer Coil & Transformer Co., Inc., Saukville, WI
546	*The Colber Corporation, Irvington, NJ
549	*MIDWESTCO Enterprised, Inc., Chicago, IL
550	Dantona Industries, Inc., Lynbrook, NY
553	Thomson Consumer Electronics, Inc., Indianapolis, IN
557	*Mitek Corp., Winslow, IL
558	Cypress Semiconductor, San Jose, CA
559	*Comex Systems, Derry, NH
560	*Bel Hybrids & Magnetics, Inc., Indianapolis, IN
561	*'nventa Electronics Co. ltd., Taipei, Taiwan
566	*ALD Industries, Inc., Oceanside, CA
570	*LEPCOLLeonard Electric Products, Brownsville, TX
571	*Sicon International, Inc., San Jose, CA
576	Robert Bosch Corp., Blaupunkt Division, Broadview, IL
577	*Chunghwa Picture Tubes, Ltd., Taiwan, ROC
579	Belden Wire and Cable, Cooper Industries, Richmond, IN
581	AMP Incorporated, Harrisburg, PA
585	*Cablewave Systems, North Haven, CT
589	*Fox Electronics, Ft. Myers, FL
591	Siecor Corporation, Hickory, NC
599	Elco Corporation/A Kyocera Group Company, Huntingdon, PA
602	Schott Corporation, Wayzata, MN
605	*Lenco Electronics, Inc., McHenry, IL
606	*Schumacher Electric Corp., Chicago, IL
607	*Consolidated Wire & Associated Corps., Chicago, IL

CODE	COMPANY
608	*TELvision Laboratories, Inc., Wauconda, IL
615	In North Electric, Galion, OH
616	Electronic Products Design, Inc., Wendell, NC
621	*Balck Electric Corp., St. Charles, IL
622	*Anderson Welding & Manufacaturing, San Jose, CA
626	·Keltron Corporation, Waltham, MA
632	*EI-Rad Mfg. Co., Chicago, IL
633	Quasar Co., Elgin, IL
634	·Data General Corp., Westboro, MA
636	*Dunbar Sales Co., Inc., Commerce, CA
639	*MEL-RAIN Controls, Paw Paw, MI
642	·De Anza Manufacturing Services, Sunnyvale, CA
647	Ol-NEG TV Products, Inc., Toledo, OH
648	American Radionic Co., Inc., Palm Coast, FL
650	·Midtex Relay, Inc., El Paso, TX
651	·Midcom, Inc., Watertown, SO
658	Cornell-Dubilier-Sangamo Components Division, Pickens, SC
659	·ESAM, Inc., Grant Pass, OR
660	·CAPCO, Inc., Grand Junction, CO
661	·Custom Coils, Inc., Alcester, SO
664	·Urban Technologies, Inc., Fredonia, NY
665	*Penn-Tran Corp., Wingate, PA
670	*Trimm Industries, Inc., N. Hollywood, CA
674	·Kenlab Industries, Inc., San Leandro, CA
675	·Chip Supply, Inc., Orlando, FL
676	·GFS Mfg Co. Inc., Dover, NH
677	Aerovox Aero M. Inc., Glasgow, KY
678	·Clarke EElectronics Co., Portland, OR
681	3M Company/Electronics Products Division, Austin, TX
682	·Electrical Winding, Inc., Chicago, IL
683	Keystone Electronics Corp., New York, NY
685	*Precision Components, Inc., Wilmington, IL
686	*Denron Inc., San Jose, CA
687	Onan Corporation, Power Electronics Div., Minneapolis, MN
690	·Trend Plastics, San Jose, CA
691	SGS-Thomson Microelectronics, Phoenix, AZ
692	*CELCO (Constantine Engineering Labs Co.), Mahwah, NJ

	COMPANY
695	·Basler Electric Co., Highland, IL
696	Coil-Tran Corp./Hobart Electronics, Hobart, IN
699	*Transmission Networks International, Inc. Knightdale, NC
701	·Forbes & Wagner, Inc., Silver Creek, NY
708	*Grand Transformers, Inc., Ireland
712	·Elcom Div.lCain Industrial Corporation, Guttenburg, IA
714	·Toko America, Inc., Mt. Prospect, IL
715	·Communication Coil, Inc., Chicago, IL
719	·CARBONNEAU/ a Div, of the Rockford Corp., Grand Rapids, MI
720	Methode Electronics, Inc., Chicago, IL
723	GC THORSEN, A Household International Company, Rockford, IL
724	·Jeffers Electronics Inc., Nogales, AZ
725	·Diversified Systems, Inc. (DSI), Indianapolis, IN
726	·Prestec Electronics, Ltd., Ottawa, Canada
727	·National Electric Cable, Inc., Bensenville, IL
728	NCR Corp., Microelectronic Products Division, Colorado Springs, CO
731	·Matrix Instruments, Inc., Northvale, NJ
733	*Alpha Metals, Inc., Jersey City, NJ
734	·Ovonic Battery CO., Troy, MI
735	General Electric Co., Power Supply Operations, Fort Wayne, IN
736	·A1legro MicroSystems, Inc., (formerly Sprague Semiconductor Group), Worchester, MA
737	·Galgon Industries, Fremont, CA
740	·Feller Neumayer Corp., Somerset, NJ
742	·Esquire Radio & Electronics, Inc., Brooklyn, NY
743	·Cherry Semiconductor Corp., East Greenwich, RI
744	General Motor Hughes Electronics, EI Segundo, CA
749	·National Electronics, Inc., or RF Gain, LtdlDiv of Richardson Electronics,Ltd., La Fox, IL
751	·Midcom Technology, Inc., a div. of Midcom Group, Watertown, SO
752	·Electronic Devices, Inc., Yonkers, NY

CODE	COMPANY	CODE	COMPANY
755	*The Forest Electric Co., Melrose Park, IL	825	Burle Industries, Inc., Lancaster, PA
757	*Grand, Grand Haven, MI	826	Hitachi America, Semiconductor & IC Division, Brisbane, CA
760	Toshiba Marcon Electronics America Corp., Vernon Hills, IL	827	*Ex-Qual Electronics, Inc., Stone Bank, IL
764	Xicor, Inc., Milpitas, CA	828	*Mechatronics, Inc., Mercer Island, WA
766	Integrated Device Technology, Inc., Santa Clara, CA	831	MagneTek Better Coil, Div. of MagneTek, Inc., Goodland, IN
768	*Microtran Co., Inc., Valley Stream, NY	833	American Technical Ceramics Corp., Huntington Station, NY
769	Linfinity Microelectronics Inc., Garden Grove, CA	837	*Video Monitors, Inc., Eau Claire, WI
773	*American Precision Industries, Components Group, East Aurora, NY	843	*Harbor Electronics, Inc., Ridgefield, CT
775	*Rubycon America, Inc., Gurnee, IL	844	*Fujikura America, Inc., Atlanta, GA
776	*Ogden Coil & Transformer Co., Chicago, IL	849	*United Chem-Con, Inc., Rosemont, IL
777	*Tran Spectra, Inc., Greenfield, TN	852	*Andrews Tower, Inc., Fort Worth, TX
778	Dale Electronics, Div. of Vishay Intertechnology Special Film Division, Bradford, PA	854	*Payne Magnetics, Inc., Covina, CA
780	Colorado Crystal Corp., Loveland, CO	855	Mitsubishi Electric Sales America, Inc., Sub of Mitsubishi Electric Corp., Mt. Prospect, IL
782	Boeing Aerospace Corp., Seattle, WA	856	*Empire Video, Inc., Jacksonville, FL
786	*Meteor Transformer Mfg., Detroit, MI	857	*V-M Corporation, Benton-Harbor, MI
789	McGregor Electronics Industries, Inc., McGregor, IA	858	*Quintec Interconnect Systems, San Jose, CA
790	*Volex Interconnect System, Milpitas, CA	859	NTE Electronics, Inc., Bloomsfield, NJ
792	*Volex Interconnect Systems., Dartmouth, MA	862	*American Plasticraft Company, Chicago, IL
793	*Volex Interconnect Systems., Castlebar, Ireland	863	*James Electronics, Chicago, IL
794	Harmon Kardon, Inc., Plainview, NY	864	Dale Electronics, Inc./Micro Division, El Paso, TX
795	*Atlas/Soundolier, Div. of American Trading & Production Corp., Fenton, MO	865	*Sokol Crystal Products, Dodgeville, NJ
797	*Capulum Cable Technologies, Ltd., Kanata, Ontario, Canada	867	*Tranco, Inc., Chicago, IL
799	*Clarence Controls, Inc., Lancaster, NY	869	*Kline Iron & Steel Co., Columbus, SC
800	*BREL International Components., Sarasota, FL	870	*SOL Technologies, Inc., Jersey City, NJ
801	Dale Electronics/Film Div., Norfolk, NE	871	*Precision Electronics, Inc., Franklin Park, IL
803	*Nighthawk Industries, Inc., Colorado Springs, CO	875	*Gould/AMI Semiconductors, Pocatello, ID
804	Ommiel Corp., Leominster, MA	876	*Comair Rotron, a KLI Co., Saugerties, NY
805	*M Manufacturing, Palo Alto, CA	881	*Accurate Plastics & Engineering, Inc., Longmont, CO
807	*Indek Corporation, San Jose, CA	883	*Albergo Transformer Co. Inc., Chicago, IL
808	*Herald Mfg. Co., Inc., Addison, IL	885	*Shallco, Inc., Smithfield, NC
810	*Aromat Corp., New Providence, NJ	886	Crystek Corporation, Fort Myers, FL
812	*Edall Industries, Inc., East Haven, CT	888	*Connector Corp., Chicago, IL
816	Dale Electronics, Inc., Wirebound Div., Columbus, NE	889	Dale Electronics, Inc./Yankton Division, Yankton, SO
822	*Syntronic Instruments, Inc., Addison, IL	892	Thomas Electronics, Wayne, NJ

CODE	COMPANY
893	*Armel Electronics, Inc., North Bergen, NJ
894	*Hy-Gain Electronics Corp., Lincoln, NE
895	*OPT Industries, Inc., Phillipsburg, NJ
898	General DynamicsI Pomona, Pomona, CA
899	*Serra Corp., Fremont, CA
905	*Columbia Electronic Cables, New Bedford, MA
906	*Coilcraft, Cary, IL
907	·Unitrode Integrated Circuits, Merrimack, NH
914	*Electro Technology, Inc., Muscle Shoals, AL
915	·PCA Electronics, Inc., North Hills, CA
916	GDE Systems, Inc., San Diego, CA
918	Samsung America, Inc., Samsung Electronics America, Inc., Ridgefield Park, NJ
919	*GSG Industries, Robinson, IL
920	Antenna Specialists Co., Cleveland, OH
922	International Components Corp., Melville, NY
923	Taco/Jerrold Div., Sub of General Instruments, Philadelphia, PA
925	·Alcoils - Warner Electric, Columbia City, IN
926	PCSI (Pacific Communication Sciences Inc), San Diego, CA
927	·Atlantic Transformer, Inc., Barker, NY
929	Standard Microsystems, Hauppauge, NY
933	·Magnetic Coil Mfg., Burlingame, CA
938	ITT Federal Labs, Ft. Wayne, IN
942	Kenwood U.S.A. Corp., Long Beach, CA
944	·Schulze Manufacturing Corp., Burlingame, CA
945	·RSP Manufacturing Corp., Fremont, CA
946	Bumdy Corp., Norwalk, CT
947	TRW Semiconductors, Lawndale, CA
949	·Burr-Brown Corporation, Tucson, AZ.
958	·Support Systems International Corp., Richmond, CA
962	Richardson Electronics, Ltd., La Fox, IL
963	*C & K Components, Inc., Newton, MA
966	Vicon Industries Inc., Melville, NY
967	Rockwell International, El Segundo, CA
970	·Reyns Transformer Co., Brookfield, IL
971	Magnovox Electronic Systems Company, Ft. Wayne, IN
973	SD&E, Inc., Long Branch, NJ

CODE	COMPANY
974	*Lectrohm Div.ICAPCO, Inc., Grand Junction, CO
975	Guardian Electric Mfg Co., Chicago, IL
981	*Avex Electronics, Fremont, CA
982	AT&T Technologies, Radford, VA
984	*Electro-Winders Co. Inc., Covina, CA
985	*Bartlett Manufacturing Co., Elk Grove, IL
986	*Hilton Industries, Inc., Div of Core Industries, Inc., Sarasota, FL
989	·Marvel Electric Corp., Chicago, IL
990	Semiconductor Products Group, Sub. of General Instruments Corp., Hicksville, NY
991	*E&I International, Inc., Goodland, IL
994	*Computervision Corp., Bedford, MA
996	.Heyboer Transformers, Inc., Grand Haven, MI
997	·Contract Manufacturing Alternatives, Port au Prince, Haiti
998	*ISOREG Corp., Littleton, MA
1000	Switchcraft, Inc., Chicago, IL
1002	NEC Electronics, Inc., Mt. View, CA
1005	*Northlake Engineering, Inc., Bristol, WI
1008	US JVC Corp., Elmwood Park, NJ
1010	·Toroid Transformer, Inc., Chicago, IL
1015	·C & M Corporation, Wauregan, CT
1019	ROHM Corp., ROHM Electronics Div., Antioch, TN
1020	·Bel Fuse Ltd., Guang Dong, China
1025	·Torwico Electronics, L.P., Lakewood, NJ
1035	.Associated Transformer Corp., Elmwood Park, IL
1037	.Douglas Radioelectrica S.A., Sao Paulo, Brasil
1038	*Winslow Industries, Inc., Monroe, WI
1041	·Mayfair Molded Products Corporation, Schiller Park, IL
1052	.Transformer Manufacturers, Co., Norridge, IL
1055	·Advance Capacitor, Inc., Sarasota, FL
1056	*GEFCO Mfg. Corp., Grayslake, IL
1060	·Schwalm Electronics, Inc., Highland Park, IL
1066	*South Haven Coil Inc., South Haven, MI
1069	*ESC Electronics Corp., Palisades Park, NJ
1070	·Paul H. Smith Co., Div. of Standex International, Cincinnati, OH

CODE	COMPANY
1071	*Microwave Power Devices, Hauppauge, NY
1072	*Altran Corporation, Crystal Lake, IL
1075	*Odili Technologies, Inc., Ridgefield, CT
1087	Solitron Devices, Inc., Rivera Beach, FL
1095	Advanced Transformer Co., An NAP Co., Rosemont, IL
1096	*Johnson Electric Coil Co., Antigo, WI
1097	*Grand, Hungary
1098	*Pyle Industries, Inc., Huntington, IN
1100	*Ovenaire, Inc., Charlottesville, VA
1101	*Zenith Electronics Corp., Rauland Division, Melrose Park, IL
1102	*Technitrol, Inc., Philadelphia, PA
1104	Time Electronics, Div. of Avnet, Sunnyvale, CA
1108	*Actown-Electrocoil, Inc., Spring Grove, IL
1109	ITT Intele Systems, New York, NY
1119	SPECO Div., Components Specialist Inc., Lindenhurst, NY
1125	*SAFT America, Inc., Valdosta, GA
1133	*BRK Electronics, a Division of Pittway Corporation, Aurora, IL
1135	*Gulbransem, CBS Musical Instruments, A Division of CBS, Deerfield, IL
1137	Ball Corporation, Boulder, CO
1145	Microsemi Corp., Scottsdale, AZ
1150	*Electronic Test Equipment Mfg. Co., Lancaster, PA
1158	*Electro-Mel Industries, Inc., Hazelhurst, WI
1159	*Lucas Ledex, Inc., Vandalia, OH
1167	*Permavolt Transformers, Inc., South bend, IN
1172	*Spellman High Voltage Electronics Corp., Plainview, NY
1174	*Academy Electronics, Bensenville, IL
1181	*Texas Transformer Corp., Plano, TX
1182	Dynascan Corp., Chicago, IL
1190	*Bel Fuse Macau, Ltd., Macau
1194	*Artted Co., Inc., Springfield, MA
1195	*Blonder-Tongue Labs, Inc., Old Bridge, NJ
1200	Dearborn Electronics, Inc., Sub. of Sprague Electric Co., Orlando, FL
1204	*Torotel Products, Inc., Grandview, MO

CODE	COMPANY
1208	General Dynamics Corp., General Dynamics Electronics Co., Rochester, NY
1210	*APCO Electronics, Div. of American Plasticraft, Chicago, IL
1211	*Bel Fuse Ltd., Kowloon, Hong Kong
1212	*Bel Fuse, Inc., Jersey City, NJ
1213	*Spectronics, Inc., Richardson, TX
1217	*Automatic Coil Corp., Miami, FL
1219	*Fernesh, Inc., Salt Lake City, UT
1225	*MDE Electronics, Ltd., Taipei, Taiwan
1226	Sencore, Inc., Sioux Falls, SD
1229	*Transformer Technicians, Inc., Chicago, IL
1230	*Del Electronics Corp., Mt. Vernon, NY
1231	*Aguirre Electronics Corp., Chicago, IL
1238	Aerovox Inc., North Dartmouth, MA
1240	Clinton Electronics Corp., Rockford, IL