## EIA PRODUCTION SOURCE CODE - 1960

Code symbols assigned to radio-television manufacturers and suppliers, arranged both alphabetically by companies and numerically by code numbers.

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# HOWARD W. SAMS \& CO., INC. Indianapolis 6, Indiana 

## ALPHABETICAL LIST

(* Indicates non-members)

## Company

Code No.
*ACDC Electronics, Inc., Burbank, Calif. 1030
ACF Electronics, Division of ACF Industries, Inc., Alexandria, Va.

900
*Acme Coil \& Transformer Corp., Chicago 14, IIl. 928
${ }^{*}$ Acme Electric Corporation, Cuba, N. Y.
${ }^{*}$ Acro Products Company, Philadelphia 28, Penna. 413
$\begin{array}{r}878 \\ \hline\end{array}$ Adams Electronics Inc., Bangor, Mich. 1092
Adler Electronics, Inc., New Rochelle, N. Y.
*Admiral Corporation, Chicago 47, III.
*Advanced Research Associates, Inc., Kensington, Md. 1062
Advance Ross Electronics Corp., Chicago 45, III. 286
-Aerolite Electronics Corp., Union City, N. J. 910
Aerovox Corporation, New Bedford, Mass. 102
*Ajax Condenser Co., Inc., Chicago 14, III. 705
Aladdin Electronics, a Division of Aladdin Industries, Inc., Nashville 10, Tenn.
${ }^{*}$ A.L.A. Industries, Inc., Harrison, N. Y. 1031
*Albergo Transformer Co., Chicago 22, III. 883
Alcon Metal Products, Inc., Chicago 47, III. 573
Allen-Bradley Company, Milwaukee 4, Wis. 106
The Alliance Manufacturing Co., Inc., Alliance, Ohio 107
All Star Products, Inc., Defiance, Ohio
107
Alpha Metals, Inc., Jersey City 4, N. J.
733
Altec Lansing Corporation, Anaheim, Calif.
American Electronics Company, Mineola, L. I., N. Y. 391
*American Lava Corporation, Chattanooga 5, Tenn.
*American Radionic Co., Inc., Danbury, Conn. 848
American Television \& Radio Co., St. Paul 1, Minn. 551
*American Transformer Corp., Chicago 7, Ill. 892
Amperex Electronic Corporation, Hicksville, L. I., N. Y. 111
Amphenol-Borg Electronics Corp., Broadview, III. 554
${ }^{*}$ The Amplifone Corporation, Chicago 40, III. 1002
*Anaconda Wire \& Cable Company, Hastings-on-Hudson 6, N. Y.

547
*Andrea Radio Corporation, Long Island City 1, N. Y. 113
Andrew Corporation, Chicago 19, III . 402
Andrews Tower, Inc., Fort Worth 19, Tex. 852
The Antenna Specialists Company, Cleveland 6, Ohio 920
Anton Electronic Laboratories, Inc., Brooklyn 37, N. Y. 961
$\begin{array}{ll}\text { *Apex Coil \& Transformer Corp., Chicago 8, III. } & 949 \\ \text { A. R. F. Products, Inc., River Forest, III. } & 115\end{array}$
Armel Electronics Inc., Brooklyn 32, N. Y. 893
The Arnold Engineering Company, Sub. of Allegheny Ludlum Steel Corp., Marengo, $I I$.

116
Arvin Industries, Inc., Columbus, Ind. 248
*Associated Transformer Corp., Chicago 47, IIl. 1035
*Astro-Tran, West Acton, Mass. 1104
Atlantic Wire \& Cable Corp., College Point 56, N. Y. 792
Audio Devices, Inc., Rectifier Division, Santa Ana, Calif.

## Automatic Manufacturing Division, General Instrument

 Corp., Newark 4, N. J.*Automatic Radio Mfg. Co., Inc., Boston 15, Mass. 120
Barker \& Williamson, Inc., Bristol, Penna. 461
$\begin{array}{ll}\text { Barnes Metal Products Company, Chicago 23, IIl. } & \mathbf{5 8 8} \\ \text {-Bartlett Manufacturing Company, Glenview, III. } & \mathbf{9 8 5}\end{array}$
Basler Electric Company, Highland, III.

Company
Code No.
The Bead Chain Manufacturing Co., Bridgeport 5, Conn. Belden Manufacturing Company, Chicago 44, III.
Bendix Radio, Division of Bendix Aviation Corp., Baltimore 4, Md.
'Best Manufacturing Co., Inc., Irvington 11, N. J.
${ }^{*}$ Better Coil \& Transformer Corp., Goodland, Ind.
${ }^{*}$ Blackburn Electronic Corporation, Wyoming, Pa.
Bliley Electric Company, Erie, Pa.
Bogen-Presto Division, The Siegler Corp., Paramus, N. J.
Bomac Laboratories Inc., Beverly, Mass.
'Bradford Components, Inc., Salamanca, N. Y.
${ }^{*}$ Bradley Semiconductor Corporation, New Haven 11, Conn.
${ }^{*}$ Bristol Motors Div., Vocaline Co. of America, Inc., Old Saybrook, Conn.
British Industries Corporation, Port Washington, L. I., N. Y.
Brubaker Electronics, Inc., Culver City, Calif.
${ }^{*}$ Caddell-Burns Mfg. Co. Inc., Mineola, N. Y.
Caddell-Burns Mig. Co. Inc., Mineola, N. Y. 1071
Caledonia Electronics \& Transformer Corp., Caledonia, N. Y.
Callins Industries, Inc., Greenfield, Tenn.
503
Cal-Ros Industries, Inc., Chicago 22, IIl.
1068
Calvideo Tube Corporation, Compton, Calif. 888
Campbell Industries, Inc., Sub., Clarostat Mfg. Co., Dover, N. H.
C. F. Cannon Co., Springwater, N. Y.
*Carbonneau Industries, Grand Rapids 2, Mich. 719
${ }^{\bullet}$ Cargo Packers, Inc., Glendale 27, N. Y. 901
${ }^{\bullet}$ Carol Electronics Corporation, Martinsburg, W. Va. 837
Carter Parts Company, Skokie, III.
610
C-B-C Electronics Co., Inc., Philadelphia 20, Pa. 867
CBS Electronics, Division of Columbia Broadcasting System
Inc., Danvers, Mass.
Celco (Constantine Engineering Labs. Co.), Mahwah, N. J. 692
Centralab, Div. of Globe-Union Inc., Milwaukee 1, Wis. 134
${ }^{*}$ Central Coil Company, Indianapolis 22, Ind.
Central Electronic Manufacturers, Denville, N. J. 841
*Channel Master Corporation, Ellenville, N. Y. 1059
Chemtronic Corporation, Nashville 4, Tenn. 1064
${ }^{*}$ Chester Cable Corp., Chester, N. Y.
Chicago Condenser Corporation, Chicago 47, III.
${ }^{*}$ Chicago Electronic Engineering Co., Chicago 47, IIl.
*Chicago Standard Transformer Division, Essex Wire Corp., Chicago 18, IIl.
Chicago Telephone Supply Corp., Elkhart, Ind.
${ }^{*}$ Cinaudagraph Inc., Chicago 26, Ill.
Cinch Manufacturing Company, Chicago 24, Ill.
Clarostat Mfg. Co., Inc., Dover, N. H.
${ }^{*}$ Cleveland Electronics, Inc., Cleveland 3, Ohio
Clevite Transistor Products, Waltham 54, Mass.
${ }^{*}$ Clippard Instrument Laboratory, Inc., Cincinnati 39, Ohio
${ }^{*}$ Coilcraft, Incorporated, Cary, III.
${ }^{*}$ Coil Engineering $\& \cdot$ Mfg. Co., Inc., Roanoke, Ind.
Collins Radio Company, Cedar Rapids, Ia.
${ }^{\bullet}$ Columbia Technical Corporation, Woodside 77, N. Y.
Columbus Electronics Corp., Semiconductor Div., Yonkers, N. Y.
${ }^{*}$ Columbus Process Co., Inc., Columbus, Ind.
Communication Accessories Company, Sub., Collins Radio Co., Lee's Summit, Mo.
*Communication Measurements Laboratory, Inc., Plainfield, N. J.

ACF Electronics, Division of ACF Industries, Inc. Alexandria, Va.
*Cargo Packers, Inc., Glendale 27, N. Y.
Elgin Metalformers Corporation, Elgin, 111.
Electro-Products, Inc., Detroit 27, Mich.
Pan-Electronics Corporation, Griffin, Ga.
${ }^{*}$ Coilcraft, Incorporated, Cary, Ill.
*Chester Cable Corp., Chester, N. Y.
*Aerolite Electronics Corp., Union City, N. J.
International Electronic Industries, Inc., Nashville 1, Tenn.
${ }^{*}$ Blackburn Electronic Corporation, Wyoming, Pa.
General Products Corporation, Union Springs, N. Y.
*Inductor Engineering, Inc., Lewes, Del.
Resitron Laboratories, Inc., Los Angeles 25, Calif.
${ }^{\bullet}$ Oaktron Industries Inc., Monroe, Wis.
The Antenna Specialists Co., Cleveland 6, Ohio
Technical Training Institute, Portland 11, Ore.
Standard Television Tube Corp., New Orleans 19, La.
Jerrold Electronics Corporation, Philadelphia 32, Pa.
Radio Development \& Research Corp., Paterson 3, N. J.
${ }^{*}$ Todd Electric Company, Inc., Yonkers, N. Y.
General Mills, Inc., Mechanical Division, Minneapolis 13, Minn.
*Acme Coil \& Transformer Corp., Chicago 14, Ill.
Parker Metal Goods Company, Worcester 8, Mass.
Skiatron Electronics \& Television Corp., New York 14, N. Y.
${ }^{*}$ Magnetic Coil Manufacturing Company, Chicago 22, Ill.
*Oaktron Electric Company, Tinley Park, Ill.
Electrons, Incorporated, Newark 3, N. J.
${ }^{*}$ Hamilton-Hall Resistor Corp., Milwaukee 2, Wis.
ITT Federal Division, Fort Wayne, Ind.
Bomac Laboratories, Inc., Beverly, Mass.
${ }^{\bullet}$ Electronic Engineering Company of California, Santa Ana, Calif.
Pacific Semiconductors, Inc., Culver City, Calif.
-Apex Coil and Transformer Corporation, Chicago 8, 11.
Kost Products Company, Inc., Chicago 39, Ill .
Rhein Sound Systems, Inc., New Haven 5, Conn.
Union City Filament Corp., Union City, N. J.
Vitramon, Inc., Bridgeport 1, Conn.
Winston Electronics, Div. Jetronic Industries, Miami 42, Fla.
${ }^{*}$ Transitron Electronic Corporation, Wakefield, Mass.
${ }^{\bullet}$ Ontario Industries, Inc., Hornell, N. Y.
Anton Electronic Laboratories, Inc., Brooklyn 37, N. Y.
Foto-Video Laboratories, Inc., Cedar Grove, N. J.
Huggins Laboratories, Inc., Sunnyvale, Calif.
Moloney Electric Company, St. Louis 20, Mo.
Mullenbach Division of Electric Machinery Mfg. Co., Los Angeles 58, Calif.
North American Aviation, Inc., Los Angeles 45, Calif.
Rapid Die and Molding Co., Schiller Park, IIl.
Vector Electronic Company, Inc., Glendale, Calif.
${ }^{*}$ Industrial Tubes, Inc., Geneva, Ill.
${ }^{*}$ PCA Electronics Inc., Sepulveda, Calif.
${ }^{\bullet}$ Lectrohm, Inc., Chicago 30, 111.
*Sherold Crystals Inc., Kansas City 8, Mo.
${ }^{*}$ Model Engineering \& Manufacturing, Inc., Chicago 18, 111.
${ }^{\bullet}$ Filtors, Inc., Port Washington, L. I., N. Y.
American Electronics Company, Mineola, L. I., N. Y.
Ratigan Electronics Inc., Glendale 4, Calif.
Texas Instruments Incorporated, Dallas 9, Tex.
${ }^{*}$ Precision Electronic Coil Manufacturing Company, Santa Monica, Calif.
-Electro-Winders Co., Inc., Covina, Calif.
${ }^{\bullet}$ Bartlett Manufacturing Company, Glenview, $I l l$.
${ }^{\bullet}$ Florida-Merit Inc., Hollywood, Fla.
Tansitor Electronics, Inc., Bennington, Vt.
${ }^{*}$ Marvel Electric Corporation, Chicago 22, Ill.
General Transistor Corporation, Jamaica 35, N. Y.
Grayhill, La Grange, Ill.
Midwest Speaker Company, McGregor, Iowa
Eberline Instrument Corporation, Santa Fe, N. M.
*Standard Crystal Company, Kansas City 8, Mo.
${ }^{*}$ Grand Coil Winders, Grand Haven, Mich.
${ }^{*}$ National Tel-Tronics Corp., Yonkers, N. Y.
Switcheraft, Inc., Chicago 30, Ill.
${ }^{*}$ The Amplifone Corporation, Chicago 40, IIl.
${ }^{\bullet}$ Fugle-Miller Laboratories, Clark, N. J.
*Quality Transformer \& Coil Co., Inc., Chicago 14, Ill.*
${ }^{*}$ Fischer Electric Co., Inc., De Leon Springs, Fla.
Hycon Mfg. Company, Pasadena, Calif.
*Park Products Company, Cleveland 3, Ohio
Red Bank Division, Bendix Aviation Corp., Long Branch, N. J.
*Ion Capacitor Corp., Columbia City, Ind.
${ }^{*}$ Kemtron Electron Products, Inc., Newburyport, Mass.
Campbell Industries, Inc., Sub., Clarostat Mfg. Co., Dover, N. H.

Communication Accessories Company, Sub., Collins Radio Co., Lee's Summit, Mo.
International Electronics Corp., New York 12, N. Y.
International Electronic Research Corp., Burbank, Calif._-
Leach Corporation, Compton, Calif.
${ }^{*}$ Torwico Electronics, Inc., Union, N. J.
Soundolier, Inc., St. Louis 22, Mo.
${ }^{\bullet}$ Gray \& Kuhn, Inc., Roslyn Heights, N. Y.
*ACDC Electronics, Inc., Burbank, Calif.
*A.L.A. Industries, Inc., Harrison, N. Y.
*Electro Engineering Works, San Leandro, Calif.
*Associated Transformer Corp., Chicago 47, Ill.
${ }^{*}$ Utrad Corporation, Huntington, Ind.
*Holiday Transformer Corporation, Chicago 14, 11.
Cal-Ros Industries, Inc., Chicago 22, $I l l$.
Ferranti Electric, Inc., New York 20, N. Y.
${ }^{*}$ Mayfair Molded Products Corporation, Schiller Park, $I I$.
${ }^{*}$ Bradford Components, Inc., Salamanca, N. Y.
Gremar Manufacturing Co., Inc., Wakefield, Mass.
*Columbia Technical Corporation, Woodside 77, N. Y.
*Wirco Electronics, Inc., El Monte, Calif.
Pomona Electronics Co., Inc., Pomona, Calif.
Audio Devices, Inc., Rectifier Division, Santa Ana, Calif.
${ }^{*}$ Transformer Manufacturers, Inc., Chicago 30, Il .
Industro Transistor Corporation, Long Island City 6, N. Y.
Kentron Hawaii Ltd., Honolulu 14, Hawaii
${ }^{*}$ Gefco Manufacturing Company, Grayslake, $I l l$.
${ }^{*}$ Gahagan, Inc., Esmond 17, R. I.
Entron Incorporated, Bladensburg, Md.
${ }^{*}$ Channel Master Corporation, Ellenville, N. Y.
*Schwalm Electronics, Inc., Highland Park, Ill.
*Sun Capacitors, Chicago 25, 111.
*Advanced Research Associates, Inc., Kensington, Md.
Philco Corporation, Accessory Division, Philadelphia, Pa.
Chemtronic Corporation, Nashville 4, Tenn.
Temco Aircraft Corporation, Dallas 22, Tex.
*South Haven Coil, Inc., South Haven, Mich.
${ }^{*}$ Wesco Electrical Co., Inc., Greenfield, Mass.
Callins Industries, Inc., Greenfield, Tenn.
${ }^{*}$ ESC Corporation, Palisades Park, N. J.
${ }^{*}$ Paul Smith, Inc., Cincinnati 9, Ohio
${ }^{*}$ Caddell-Burns Mfg. Co. Inc., Mineola, N. Y.
*Hermetic Seal Transformer Co., Div. of S.I.E., Garland, Tex.
*Underwood Electric \& Mfg. Co., Inc., Chicago 39, Ill.
${ }^{*}$ Wells Electronics Company, South Bend 23, Ind.
Metals \& Controls Div., Texas Instruments Inc., Attleboro, Mass.
${ }^{*}$ Horton and Hubbard Manufacturing Co., Nashua, N. H.
*Standard Electromagnetics Inc., Frederick, Md.
${ }^{*}$ Lumen, Inc., Joliet, Ill.
Nortronics, A Div. of Northrop Aircraft, Inc., Hawthorne, Calif.
SNC Manufacturing Co., Inc., Oshkosh, Wis.
Syncro Corporation, Electronics Div., Hicksville, Ohio
*Winchester Electronics, Inc., Norwalk, Conn.
${ }^{*}$ Melrose Products, Inc., Willow Grove, Pa.

- Transcon Manufacturing Co., Dallas 9, Tex.
${ }^{*}$ Tritron Company, Milwaukee 12, Wis.
${ }^{*}$ Pacific Mercury Electronics, Sepulveda, Calif.
Minneapolis-Honeywell Regulator Co., Semiconductor Products Div., Minneapolis 8, Minn.
*Bristol Motors Div., Vocaline Co. of America, Inc., Old Saybrook, Conn.
*The R. K. Manufacturing Co., Carterville, Ill.
Westinghouse Electric Corp., Director Systems
*The R. K. Manufacturing Co., Carterville, Ill.
Westinghouse Electric Corp., Director Systems Dept., Pittsburgh 6, Pa.
${ }^{*}$ Telectron Company, Fort Lauderdale, Fla.
*Adams Electronics Inc., Bangor, Mich.
*JB Electronic Transformers, Inc., Chicago 47, 111.
*Performance Measurements Company, Detroit 35, Mich.
Tele-Dynamics Inc., Philadelphia 31, Pa.
*Johnson Electric Coil Company, Franklin Park, Ill.
*Grand Tran, Inc., Benton Harbor, Mich.
${ }^{*}$ Topic Incorporated, Natick, Mass.
Land-Air Inc., Chicago 31, Ill.
*Ovenaire, Inc., Charlottesville, Va.
The Rauland Corporation, Chicago 41, 111.
*Technitrol Engineering Company, Philadelphia 34, Pa.
Columbus Electronics Corp., Semiconductor Div., Yonkers, N. Y.
*Astro-Tran, West Acton, Mass.
National Semiconductor Corporation, Danbury, Conn.
*Astro-Tran, West Acton, Mass.
National Semiconductor Corporation, Danbury, Conn.
${ }^{*}$ Efcon, Incorporated, New York 12, N. Y.
*The Wurlitzer Company, Corinth, Miss.
*Yardney Electric Corp., New York 13, N. Y.
Electric Corp., New York 13, N. Y.
*Ovenaire, Inc., Charlottesville, Va.

Columbus Electronics Corp., Semiconductor Div., Pa.
Syncro Corporation, Electronics Div., Hicksvil

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[^0]Company
Code No
${ }^{\bullet}$ Kline Iron and Steel Company，Columbia，S．C．
${ }^{*}$ The James Knights Company，Sandwich，Ill．
${ }^{*}$ Kobzy Tool Company，Chicago 22， Ill ．
Kost Products Company，Inc．，Chicago 39，IIl．
Land－Air Inc．，Chicago 31，Ill．
Leach Corporation，Compton，Calif．
${ }^{*}$ Lear，Inc．，Santa Monica，Calif．
${ }^{*}$ Lectrohm，Inc．，Chicago 30，Ill．
Lenz Electric Manufacturing Co．，Chicago 47，Ill．
Littelfuse，Incorporated，Des Plaines，IIl．
Litton Industries，Beverly Hills，Calif．
Lowell Manufacturing Company，St．Louis 17，Mo．
${ }^{*}$ Lumen，Inc．，Joliet，Ill．
${ }^{*}$ Lytle Corporation，Chicago 1，Ill．
Machlett Laboratories，Inc．，Sub．of Raytheon Co．， Springdale，Conn．
The Magnavox Company，Fort Wayne 4，Ind．
${ }^{*}$ Magnetic Coil Manufacturing Company，Chicago 22，Ill．
＊Magnetic Windings Division（Essex Wire Corporation）， Easton，Pa．
P．R．Mallory \＆Co．，Inc．，Indianapolis 6，Ind．
${ }^{*}$ Marvel Electric Corporation，Chicago 22，Ill．
＊Mayfair Molded Products Corporation，Schiller Park， Ill ．
McCoy Electronics Co．，Mt．Holly Springs，Penna．
McGregor Electronic Industries，Inc．，McGregor，Ia．
＊McIntosh Laboratory，Inc．，Binghamton，N．Y．
Measurements Div．，McGraw－Edison Co．，Boonton，N．J．
M．E．C．，Inc．，Nashville 4，Tenn．
${ }^{*}$ Mel－Rain Corporation，Indianapolis 3，Ind．
＊Melrose Products，Inc．，Willow Grove，Pa．
Merit Coil \＆Transformer Corp．，Hollywood，Fla．
Metals \＆Controls Div．，Texas Instruments Inc．， Attleboro，Mass．
＊Methode Manufacturing Corp．，Chicago 31，Ill．
Micamold Electronics Manufacturing Corp．，Sub．General Instrument Corp．，Newark 4，N．J．
${ }^{*}$ Microtran Company，Inc．，Valley Stream，L．I．，N．Y．
Midland Manufacturing Co．，Inc．，Kansas City 15，Kan．
${ }^{*}$ Mid－West Coil \＆Transformer Co．，Chicago 14，Ill．
Midwest Speaker Company，McGregor，Iowa
James Millen Manufacturing Co．，Inc．，Malden 48，Mass．
Milwaukee Resistor Company，Milwaukee 4，Wis．
Minneapolis－Honeywell Regulator Co．，Semiconductor Products Div．，Minneapolis 8，Minn．
${ }^{*}$ Model Engineering \＆Manufacturing Inc．，Chicago 18， Ill ． Moloney Electric Company，St．Louis 20，Mo．
Mosley Electronics，Incorporated，St．Louis 14，Mo．
Motorola Inc．，Chicago 51，Ill．
Mullenbach Division of Electric Machinery Mfg．Co．， Los Angeles 58，Calif．
Multi－Tron Laboratory，Inc．，Westchester， Ill ．
The Muter Company，Chicago 5，Ill．
Mycalex Corporation of America，Clifton，N．J．
${ }^{\bullet}$ National Aeronautical Corporation，Fort Washington，Pa．
${ }^{*}$ National Company，Inc．，Malden 48，Mass．
${ }^{*}$ National Electronics，Inc．，Geneva，Ill．
National Semiconductor Corporation，Danbury，Conn．
${ }^{*}$ National Tel－Tronics Corp．，Yonkers，N．Y．
${ }^{*}$ National Video Corporation，Chicago 32，IIl．
${ }^{\bullet}$ Newcomb Electronics Corporation，Hollywood 38，Calif．
North American Aviation，Inc．，Los Angeles 45，Calif．
North American Philips Company，Inc．，New York 17，N．Y．
Northwest Plastics，Inc．，St．Paul 7，Minn．
Nortronics，A Div．of Northrop Aircraft，Inc．， Hawthorne，Calif．
${ }^{*}$ NYT Manufacturing Co．，Inc．，Phillisburg，N．J．
Oak Electronics Company，Buffalo 3，N．Y．
Oak Mfg．Co．，Chicago 10，Ill．
Oaktron Electric Company，Tinley Park，Ill．
＊Oaktron Industries Inc．，Monroe，Wis．
＊Ogden Coil \＆Transformer Co．，Chicago 23，Ill．
The Ohio Carbon Company，Cleveland 11，Ohio
Ohmite Manufacturing Company，Skokie，Ill．
Olympic Products Co．，Inc．，Alpha 1，N．J．
Olympic Radio \＆Television，Div．The Siegler Corp．， Long Island City 1，N．Y．
Onondaga Electronics Div．，Speer Carbon Co．， Syracuse 1，N．Y．

848
－Ontario Industries，Inc．，Hornell，N．Y．
Orradio Industries，Inc．，Opelika，Ala．
${ }^{*}$ Otis Radio \＆Electric Corp．，Hawarden，Iowa
＊Ovenaire，Inc．，Charlottesville，Va．
Oxford Electric Corporation，Chicago 15， Ill ．
${ }^{4}$ Pacific Mercury Electronics，Sepulveda，Calif．
Pacific Semiconductors，Inc．，Culver City，Calif．
Packard Bell Electronics Corp．，Los Angeles 64，Calif． Pan－Electronics Corporation，Griffin，Ga．
Parker Metal Goods Company，Worcester 8，Mass．
${ }^{\bullet}$ Park Products Company，Cleveland 3，Ohio
＊PCA Electronics Inc．，Sepulveda，Calif．
Penn Tran Corporation，Bellefonte，Pa．
Penta Laboratories，Inc．，Santa Barbara，Calif．
${ }^{*}$ Performance Measurements Company，Detroit 35，Mich．
${ }^{*}$ Phalo Plastics Corporation，Shrewsbury，Mass．
Philco Corporation，Philadelphia 34，Pa．
Philco Corporation，Accessory Division，Philadelphia，Pa．
＊Philmore Manufacturing Co．，Inc．，Richmond Hill 18，N．Y．
＊Pickering and Company，Inc．，Plainview，L．I．，N．Y．
＊Piezo Crystal Company，Carlisle，Pa．
Pilot Radio Corporation，Long Island City 1，N．Y．
Pioneer Electronics Corporation，Los Angeles 64，Calif．
${ }^{*}$ Planet Manufacturing Corporation，Bloomfield，N．J．
${ }^{*}$ Polan Industries，Inc．，Huntington 19，W．Va．

Pomona Electronics Co．，Inc．，Pomona，Calif．
Precision Apparatus Company，Inc．，Glendale 27，Long Island， $\mathbf{N}$ ．Y．
＊Precision Electronic Coil Manufacturing Co．，Santa Monica， Calif．
Precision Electronics Inc．，Franklin Park， 11 ．
＊Prodelin，Inc．，Kearny，N．J．
${ }^{*}$ Pyramid Electric Company，North Bergen，N．J．
${ }^{*}$ Q．L．C．Corporation，Long Valley，N．J．
＊Quality Transformer \＆Coil Co．，Inc．，Chicago 14，Ill．
Quam－Nichols Company，Chicago 37，Ill．
＊Quik－Chek Corporation，Philadelphia 44，Pa．
Quincy Speaker Manufacturing Corp．，Quincy，Ill．
Radio Condenser Company，Camden 3，N．J．
Radio Corporation of America，Camden，N．J．
Radio Development \＆Research Corp．，Paterson 3，N．J．
Radio Engineering Leratios，Long Island City 1，N．Y 924
${ }^{*}$ Radio Industries，Inc．，Des Plaines，IIl．
Radio Materials Company，Div．P．R．Mallory \＆Co．，Inc．， Chicago 18， Ill ．
＊The Radiun Corporation，Crystal Lake，Ill．
Radio Receptor Company，Inc．，Sub．General Instrument Corp．，Brooklyn 11，N．Y．
Radio Specialty Manufacturing Co．，Portland 14，Oregon
${ }^{*}$ Radio Television Products Corp．，Grass Lake，Mich．
RAM Electronics，Inc．，Paramus，N．J．
Rapid Die and Molding Co．，Schiller Park，Ill．
${ }^{*}$ Ratel，Inc．，Goleta，Calif．
Ratigan Electronics Inc．，Glendale 4，Calif．
The Rauland Corp．，Sub．Zenith Radio Corp．， Chicago 41，Ill．
Raytheon Company，Waltham 54，Mass．
Rea Magnet Wire Company，Inc．，Fort Wayne 4，Ind．
Red Bank Division，Bendix Aviation Corp．， Eatontown，N．J．
Resitron Laboratories，Inc．，Santa Monica，Calif．
Rhein Sound Systems，Inc．，New Haven 5，Conn．
${ }^{*}$ The R．K．Manufacturing Co．，Carterville，Ill．
${ }^{*}$ Rogers Electronic Corp．，New York 12，N．Y．
The Rola Company，Inc．，Div．of The Muter Company， Cleveland 14，Ohio
${ }^{*}$ Rollan Electric Co．，Chicago 20， Ill ．
${ }^{*}$ Rowe Industries，Toledo 9，Ohio
${ }^{\bullet}$ Russell Speaker Company，Chicago 21，IIl．
S \＆A Electronics，Inc．，Toledo 5，Ohio
${ }^{*}$ Sampson Electric Products Co．，Clinton，N．C．
San Fernando Electric Mfg．Co．，San Fernando，Calif．
Sangamo Electric Company，Electronic Components Division，Springfield， Ill ．
＊Sarkes Tarzian，Inc．，Bloomington，Ind．
Schneider \＆Marquard，Inc．，Newton，N．J．
＊Schulmerich Carillons，Inc．，Sellersville，Penna．
＊Schwalm Electronics，Inc．，Highland Park，Ill．
＊Scientific Components，Inc．，Santa Barbara，Calif．
Sentinel Radio Company，Sub．Magnavox Company， Evanston，Ill．
Sheffico Mfg．Corp．，Fairview，N．J．
＊Sherold Crystals Inc．，Kansas City 8，Mo．
＊Sherron Electronics Company，Brooklyn 37，N．Y．
Shurite Meters（J－B－T Instruments，Inc．），New Haven 8， Conn．
F．W．Sickles Division，General Instrument Corp．， Chicopee，Mass．
Simpson Electric Company，Chicago 44， Ill ．
Skiatron Electronics \＆Television Corp．， New York 14．N．Y．
${ }^{*}$ Paul Smith，Inc．，Cincinnati 9，Ohio
SNC Manufacturing Co．，Inc．，Oshkosh，Wis．
＊Solar Manufacturing Corporation，Los Angeles 58，Calif．
＊Sonotone Corporation，Elmsford，N．Y．
Soundolier，Inc．，St．Louis 22，Mo．
＊Southern Electronics Company，Greeneville，Tenn．
＊South Haven Coil，Inc．，South Haven，Mich．
＊Sparton Electronics，Division of Sparton Corporation， Jackson Mich．
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| New York 14．N．Y． | 931 |
| :---: | ---: |
| $*$＊Paul Smith，Inc．，Cincinnati 9，Ohio | 1070 |

                        Jackson Mich.
    

## Company

179 IIT Federal Division, Clifton, N. J.
185 Motorola Inc., Chicago 51, Ill.
188 General Electric Company, Syracuse 1, N. Y.
$189{ }^{*}$ General Electronics, Inc., Paterson 3, N. J.
The General Industries Company, Elyria, Ohio
General Instrument Corporation, Newark 4, N. J.
General Magnetic Corporation, Detroit 34, Mich.
General Radio Company, West Concord, Mass.
The Fred Goat Co., Inc., Brooklyn 17, N. Y.
*Guthman Division, Essex Wire Corp., Chicago 7, Ill.
*The Hallicrafters Company, Chicago 24, Ill.
Olympic Radio \& Television, Div. The Siegler Corp., Long
Island City 1, N. Y.
Hammarlund Mfg. Co., Inc., New York 1, N. Y.
Hawley Products Company, St. Charles, Ill.
$\mathrm{Ha}^{\circ}$ du Industries, Inc., Plainfield, N. J.
Horiman Electronics Corporation, Los Angeles 7, Calif.
CBS Electronics, Division of Columbia Broadcasting
System, Inc., Danvers, Mass.
*The Indiana Steel Products Company, Valparaiso, Ind.
International Resistance Company, Philadelphia 8, Pa.
Jackson Electrical Instrument Co., Dayton 2, Ohio
*Jefferson Electric Company, Bellwood, Ill.
Jensen Manufacturing Company, Div. of The Muter Company, Chicago 38, Ill.
JFD Electronics, Inc., Brooklyn 4, N. Y.
E. F. Johnson Company, Inc., Waseca, Minn.

Kerrigan Lewis Manufacturing Co., Chicago 51, Ill.
Kester Solder Company, Chicago 39, 111.
King Laboratories, Inc., Syracuse 3, N. Y.
${ }^{*}$ Lear, Inc., Santa Monica, Calif.
Lenz Electric Manufacturing Co., Chicago 47, Ill.
Littelfuse, Incorporated, Des Plaines, Ill .
Machlett Laboratories, Inc., Sub. of Raytheon Co., Springdale, Conn.
The Magnavox Company, Fort Wayne 4, Ind.
P. R. Mallory \& Co., Inc., Indianapolis 6, Ind.

Measurements Div., McGraw-Edison Co., Boonton, N. J.
${ }^{*}$ Thordarson-Meissner, Mt. Carmel, Ill.
Merit Coil \& Transformer Corp., Hollywood, Fla.
Micamold Electronics Manufacturing Corp., Sub. General Instrument Corp., Newark 4, N. J.
James Millen Manufacturing Co., Inc., Malden 48, Mass.
The Muter Company, Chicago 5, Ill .
${ }^{*}$ National Company, Inc., Malden 48, Mass.
Arvin Industries, Inc., Columbus, Ind.
Oak Mfg. Co., Chicago 10, Ill.
The Ohio Carbon Company, Cleveland 11, Ohio
Ohmite Manuracturing Company, Skokie, Ill.
DuKane Corporation, St. Charles, Ill.
Packard Bell Electronics Corp., Los Angeles 64, Calif.
Philco Corporation, Philadelphia 34, Pa.
*Philmore Manufacturing Co., Inc., Richmond Hill 18, N. Y.
Pilot Radio Corporation, Long Island City 1, N. Y.
Quam-Nichols Company, Chicago 37, Ill .
Radio Condenser Company, Camden 3, N. J.
Radio Corporation of America, Camden, N. J.
Radio Engineering Laboratories, Inc., Long Island City 1. $\mathrm{N} . \mathrm{Y}$.
Raytheon Company, Waltham 54, Mass.
Rea Magnet Wire Company, Inc., Fort Wayne 4, Ind.
The Rola Company, Inc., Div. of The Muter Company, Cleveland 14, Ohio
Advance Ross Electronics Corp., Chicago 45, $I 11$.
Sentinel Radio Company, Sub. Magnavox Company, Evanston, 111.
*Sherron Electronics Company, Brooklyn 37, N. Y.
F. W. Sickles Division, General Instrument Corp., Chicopee, Mass.
*Solar Manufacturing Corporation, Los Angeles 58, Calif.
*Sparton Electronics, Division of Sparton Corporation, Jackson, Mich.
Speer Resistor Division, Speer Carbon Company, Bradford, Pa .
Sprague Electric Company, North Adams, Mass.
Stackpole Carbon Company, St. Marys 3, Pa.
*Standard Coil Products Co. Inc., Melrose Park, Ill.
Stromberg-Carlson, Div. of General Dynamics Corp., Rochester 3, N. Y.
Sylvania Electric Products Inc., New York 19, N. Y.
${ }^{*}$ Thomas \& Skinner, Inc., Indianapolis 7, Ind.
Trav-Ler Radio Corporation, Chicago 6, Ill.
Triplett Electrical Instrument Co., Bluffton, Ohio
Tung-Sol Electric Inc., Newark 4, N. J.
United Electronics Company, Newark 4, N. J.
${ }^{\bullet}$ United States Radium Corporation, Morristown, N. J.
${ }^{*}$ Utah Radio Products Corp., Huntington, Ind.
Warwick Manufacturing Corporation, Chicago 48, Ill.
Wells-Gardner \& Co., Chicago 39, Ill.

Wm. H. Welsh Co., Inc., Chicago 16, Il .
Western Electric Company, Inc., New York 5, N. Y.
Westinghouse Electric Corporation, Baltimore 3, Md.
Weston Instruments, Div. of Daystrom, Inc., Newark 12, N. J.
${ }^{\bullet}$ Wilcox Electric Company, Inc., Kansas City 27, Mo.
${ }^{\bullet}$ The Zell Products Corp., Norwalk, Conn.
Zenith Radio Corporation, Chicago 39, 11.
-Symphonic Electronic Corp., New Brunswick, N. J.
${ }^{*}$ Magnetic Windings Division, Essex Wire Corporation, Easton, Penna.
${ }^{*}$ Teleradio Engineering Corporation, Wilkes Barre, Pa.
${ }^{*}$ Gavitt Wire \& Cable Co., Division of Amerace Corp., Brookfield, Mass.
${ }^{*}$ NYT Manufacturing Co., Inc., Phillisburg, N. J.
${ }^{\bullet}$ Best Manufacturing Co., Inc., Irvington 11, N. J.
${ }^{*}$ Holyoke Wire and Cable Corporation, Holyoke, Mass.
*WEBCOR, Inc., Chicago 39, Ill.
Hazeltine Corporation, Little Neck, 62, N. Y.
Radio Receptor Company, Inc., Sub. General Instrument. Corp., Brooklyn 11, N. Y.
Waters Conley Company, Inc., Rochester, Minn.
${ }^{*}$ Dearborn Glass Company, Bedford Park, Ill .
Altec Lansing Corporation, Anaheim, Calif.
-Wheeler Electronic Corporation, Waterbury 20, Conn.
${ }^{*}$ Foster Transformer Company, Cincinnati 23, Ohio
Andrew Corporation, Chicago 19, Ill.

- Wirt Company, Philadelphia 44, Penna.

British Industries Corporation, Port Washington, L. I., N. Y.
Hardwick, Hindle, Inc., Newark 5, N. J.
${ }^{*}$ Acme Electric Corporation, Cuba, N. Y.
United Transformer Corporation, New York 13, N. Y.
North American Philips Company, Inc., New York 17, N. Y.
${ }^{*}$ Essex Electronics, Berkeley Heights, N. J.
*Communication Measurements Laboratory, Inc., Plainfield, N. J.
*Schulmerich Carillons, Inc., Sellersville, Penna.
Waterman Products Company, Inc., Philadelphia 25, Pa.
${ }^{*}$ Cleveland Electronics, Inc., Cleveland 3, Ohio
${ }^{*}$ Newcomb Electronics Corporation, Hollywood 38, Calif.
I ve Gudeman Company, Chicago 10, Ill .
Collins Radio Company, Cedar Rapids, Ia.
J-B-T Instruments, Inc., New Haven 8, Conn.
Good-All Electric Mfg. Co., Ogallala, Nebr.
${ }^{*}$ Columbus Process Co., Inc., Columbus, Ind.
${ }^{*}$ Telequip Radio Company, Chicago 8, Ill.
Sprague of Wisconsin, Inc., Grafton, Wis.
Barker \& Williamson, Inc., Bristol, Penna.
${ }^{\bullet}$ Q. L. C. Corporation, Long Valley, N. J.
Oxford Electric Corporation, Chicago 15, Il .
Delco Radio Division, General Motors Corporation, Kokomo, Ind.
The Grigsby Company, Inc., Arlington Heights, Ill.
*Pyramid Electric Company, North Bergen, N. J.
*Scientific Components, Inc., Santa Barbara, Calif.
Shurite Meters (J-B-T Instruments, Inc.), New Haven 8, Conn.
${ }^{*}$ Radio Television Products Corp., Grass Lake, Mich.
${ }^{*}$ Piezo Crystal Company, Carlisle, Pa.
Caledonia Electronics \& Transformer Corp., Caledonia, N. Y.
${ }^{*}$ The James Knights Company, Sandwich, Ill.
Precision Apparatus Company, Inc., Glendale 27, Long Island, N. Y.
Volkert Stampings, Inc., Queens Village 29, L. I., N. Y.
The Hickok Electrical Instrument Co., Cleveland 8, $O$.
${ }^{\bullet}$ Electronic Components Corporation, Chicago 8, Ill.
United Condenser Corporation, New York 56, N. Y.
*Sampson Electric Products Co., Clinton, N. C.
Schneider \& Marquard, Inc., Newton, N. J.
${ }^{*}$ Triwec Transformer Company, Chicago 18, Ill.
Valpey Crystal Corporation, Holliston, Mass.
Wheeler Laboratories, Inc., Sub., Hazeltine Corp., Great Neck, N. Y.
*Clippard Instrument Laboratory, Inc., Cincinnati 39, Ohio
${ }^{*}$ Ward Leonard Electric Co., Mount Vernon, N. Y.
${ }^{*}$ Radio Industries, Inc., Des Plaines, $I l$.
${ }^{*}$ Industrial Television, Inc., Clifton, N. J.
${ }^{*}$ Electronic Enterprises, Inc., Newark 4, N. J.
*Anaconda Wire \& Cable Company, Hastings-on-Hudson 6, N. Y.
${ }^{*}$ B. J. Toegel, Inc., Plainfield, N. J.
${ }^{*}$ Mid-West Coil \& Transformer Co., Chicago 14, Ill.
*Standard Winding Company, Newburgh, N. Y.
American Television \& Radio Co., St. Paul 1, Minn.
*Otis Radio \& Electric Corp., Hawarden, Iowa
Amphenol-Borg Electronics Corp., Broadview, Ill .
J. W. Davis \& Company, Dallas 35, Texas
${ }^{\bullet}$ Electrical Utilities Company, La Salle, Ill.

| Code 1 | Company |
| :---: | :---: |
| 571 | *General Cable Corporation, Perth Amboy, N. |
| 572 | ${ }^{\bullet}$ F. \& V. Coil Winding Corporation, Newark 5, N. J. |
| 573 | Alcon Metal Products, Inc., Chicago 47, Ill. |
| 575 | ${ }^{\bullet}$ Heppner Manufacturing Company, Round Lake, Il . |
| 579 | Belden Manufacturing Company, Chicago 44, III. |
| 580 | ${ }^{*}$ Rowe Industries, Toledo 9, Oh |
| 582 | ${ }^{*}$ General Precision Inc., GPL Division, Pleasantville, N. Y. |
| 58 | Drake Manufacturing Company, Chicago 31, Ill. |
| 587 | Radio Specialty Manufacturing Co., Portland 14, Ore. |
| 58 | Barnes Metal Products Company, Chicago 23, 11. |
| 58 | Bogen-Presto Division, The Siegler Corp., Paramus, N. J. |
| 593 | Kip Electronics Corporation, Stamford, Conn. |
| 594 | ${ }^{*} \mathrm{Kobzy}$ Tool Company, Chicago 22, Ill . |
| 596 | *Gramer-Halldorson Transformer Corp., Chicago 39, Il . |
| 599 | ${ }^{\text {-Elco Corporation, Philadelphia 24, Penna. }}$ |
| 604 | The Staver Company Incorporated, Bay Shore, L. I., N. Y. |
| 60 | *Woodward-Schumacher Electric Corp., Chicago 22, Il . |
| 607 | Consolidated Wire \& Associated Companies, Chicago 16, |
| 608 | *TELvision Laboratories, Inc., Wauconda, III. |
| 610 | Carter Parts Company, Skokie, Ill . |
| 614 | Simpson Electric Company, Chicago 44, Il . |
| 616 | Illinois Condenser Company, Chicago 22, Il . |
| 617 | RAM Electronics, Inc., Paramus, N. J. |
| 620 | Kay Electric Company, Pine Brook, N. J. |
| 621 | ${ }^{*}$ Polan Industries, Inc., Huntington 19, W. Va. |
| 24 | Surprenant Mfg. Co., Boston 8, Mass. |
| 628 | ${ }^{*}$ Davis Electric Company, Cape Girardeau, Mo. |
| 631 | ${ }^{\bullet}$ Pickering and Company, Inc., Plainview, L. I., N. Y. |
| 632 | *El-Rad Manufacturing Co., Chicago 18, Ill. |
| 637 | ${ }^{*}$ Central Coil Company, Indianapolis 22, Ind. |
| 638 | Industrial Development Engineering Associates, Inc., Indianapolis 26, Ind. |
| 642 | Mycalex Corporation of America, Clifton, N. J. |
| 43 | *National Aeronautical Corporation, Fort Washington, Pa. |
| 644 | General Railway Signal Company, Rochester 2, N. Y. |
| 647 | Kimble Glass Company, Sub. of Owens-Illinois Glass C Toledo 1, Ohio |
| 648 | *American Radionic Co., Inc., Danbury, Conn. |
| 649 | ${ }^{*}$ Electro-Voice, Inc., Buchanan, Mich. |
| 57 | Lowell Manufacturing Company, St. Louis 17, Mo. |
| 658 | Sangamo Electric Company, Electronic Components Division, Springfield, Ill. |
| 665 | Penn Tran Corporation, Bellefonte, Penna. |
| 668 | *Standard Electrical Products Co., Dayton, 3, Ohio |
| 670 | Glaser-Steers Corporation, Newark 4, |
| 671 | ${ }^{*}$ Lytle Corporation, Chicago 1, Il . |
| 672 | Thomas Electronics, Inc., Passaic, N. J. |
| 77 | ${ }^{*}$ Rogers Electronic Corp., New York 12, N. Y. |
| 679 | ${ }^{*}$ Tech-Master Corporation, Brooklyn 1, N. Y. |
| 680 | Conrac Incorporated, Glendora, Calif. |
| 68 | *American Lava Corporation, Chattanooga 5, Tenn. |
| 682 | ${ }^{\bullet}$ Electrical Windings, Inc., Chicago 39, Il . |
| 683 | Wright Zimmerman, Inc., New Brighton, Minn. |
| 84 | *Sarkes Tarzian, Inc., Bloomington, Ind. |
| 687 | ${ }^{*}$ Hillburn Electronic Products Co., Brooklyn 22, N. Y. |
| 689 | Aladdin Electronics, a Division of Aladdin Industries, Incorporated, Nashville 10, Tenn. |
| 692 | CELCO (Constantine Engineering Laboratories Co.), Mahwah, N. J. |
| 693 | Multi-Tron Laboratory, Inc., Westchester, Il . |
| 694 | Standard Electronics, Division of Radio Engineering Labs., Inc., Long Island City 1, N. Y. |
| 695 | Basler Electric Company, Highland, Il . |
| 697 | ${ }^{*}$ Phalo Plastics Corporation, Shrewsbury, Mass. |
| 698 | Sheffico Mfg. Corp., Fairview, N. J. |
| 699 | ${ }^{*}$ Keystone Electronics Company, Newark 4, N. J. |
| 700 | ${ }^{*}$ The Radion Corporation, Crystal Lake, III . |
| 701 | Forbes \& Wagner, Inc., Silver Creek, N. Y. |
| 703 | ${ }^{*}$ Prodelin, Inc., Kearny, N. J. |
| 704 | Cosmic Radio Corporation, New York 59, N. Y. |
| 705 | *Ajax Condenser Co., Inc., Chicago 14, Ill. |
| 706 | Pioneer Electronics Corporation, Los Angeles 64, Calif. |
| 710 | *Standard Condenser Corp., Chicago 13, Il . |
| 711 | ${ }^{*}$ Controls Company of America, Schiller Park, Il . |
| 719 | *Carbonneau Industries, Grand Rapids 2, Mich. |
| 720 | ${ }^{*}$ Methode Manufacturing Corp., Chicago 31, Il . |
| 721 | ${ }^{\bullet}$ Rollan Electric Co., Chicago 20, Il . |
| 722 | Milwaukee Resistor Co., Milwaukee 4, Wis. |
| 723 | Northwest Plastics, Inc., St. Paul 7, Minn. |
| 724 | Jeffers Electronics Division, Speer Carbon Company, Dubois, Penna. |
| 730 | Jersey Specialty Co., Inc., Mountainview, N. J. |
| 732 | Radio Materials Company, Div. P. R. Mallory \& Co., Inc., Chicago 18, Ill. |
| 733 | Alpha Metals, Inc., Jersey City 4, N. J. |
| 739 | Oak Electronics Company, Buffalo 3, N. Y. |
| 740 | Olympic Products Co., Inc., Alpha 1, N. J. |
| 742 | ${ }^{\bullet}$ Esquire Radio Corporation, Brooklyn 19, N. Y. <br> ${ }^{\bullet}$ Quik-Chek Corporation, Philadelphia 44, Pa. |

Hughes Aircraft Company, Culver City, Calif. ${ }^{*}$ Tempel Steel Company, Chicago 26, Ill.
${ }^{*}$ L. H. Frost \& Co., Inc., Grand Rapids 8, Mich.
${ }^{*}$ Russell Speaker Company, Chicago 21, 11 .
*National Electronics, Incorporated, Geneva, Ill
Mosley Electronics, Incorporated, St. Louis 14, Mo.
${ }^{*}$ Electronic Devices, Inc., Brooklyn 15, N. Y.
*Grand Transformers, Inc., Grand Haven, Mich.
*Whitewater Electronics Inc., Whitewater, Wis.
${ }^{*}$ Planet Manufacturing Corp., Bloomfield, N. J.
Erca Tool Die \& Stamping Co., Brooklyn 22, N. Y.
Quincy Speaker Manufacturing Corp., Quincy, Ill.
${ }^{*}$ Microtran Company, Inc., Valley Stream, L. I., N. Y
Stone City Products Co., Bedford, Ind.
Penta Laboratories, Inc., Santa Barbara, Calif.
${ }^{*}$ The Forest Electric Company, Forest Park, III.
*Ogden Coil \& Transformer Co., Chicago 23, Ill.
${ }^{*}$ DeJur-Amsco Corporation, Long Island City, N. Y.
*Spencer Kennedy Laboratories, Inc., Boston 35, Mass.
Eldico Electronics, Division of Radio Engineering
Laboratories, Inc., Long Island City, N. Y.
Johnson Electronics Inc., Casselberry, Fla.
*Worthco Corporation, Beverly Hills, Calif.
*Hinners-Galanek Radio Corp., Cavalier Radio \& Television Div., Forrest Hills 74, N. Y.
${ }^{*}$ Sonotone Corporation, Elmsford, N. Y.
McGregor Electronic Industries, Inc., McGregor, Ia.
${ }^{*}$ Hopkins Engineering Company, San Fernando, Calif.
Atlantic Wire \& Cable Corp., College Point 56, N. Y.
${ }^{*}$ McIntosh Laboratory, Inc., Binghamton, N. Y.
Vidaire Electronics Mfg. Corp., Baldwin, N. Y.
*Supreme Transformer Corporation, Chicago 39, Ill.
*Union Electric \& Manufacturing Company, Jersey City 7, N. J.
*Gordos Corporation, Bloomfield, N. J.
*Henald Manufacturing Co. Inc., Piper City, $I l l$.
Varian Associates, Palo Alto, Calif.
Translite Electronics Corp., Chicago 39, Ill.
${ }^{*}$ Bradley Semiconductor Corporation, New Haven 11, Conn.
Adler Electronics Inc., New Rochelle, N. Y.
San Fernando Electric Mfg. Co., San Fernando, Calif.
Dale Products, Inc., Columbus, Nebr.
Brubaker Electronics, Inc., Culver City, Calif.
Z \& W Mfg. Corp., Wickliffe, Ohio
*United Electronic Manufacturing Corp., Union City, N. J.
*Syntronic Instruments, Inc., Addison, IIl.
${ }^{*}$ Videocraft Manufacturing Co., Chicago 39, 711.
Midland Manufacturing Co., Inc., Kansas City 15, Kan.
Triad Transformer Corporation, Venice, Calif.
${ }^{*}$ Better Coil \& Transformer Corp., Goodland, Ind.
McCoy Electronics Co., Mt. Holly Springs, Penna.
${ }^{*}$ Mel-Rain Corporation, Indianapolis 3, Ind.
*Ratel, Inc., Goleta, Calif.
*National Video Corporation, Chicago 32, Ill.
${ }^{*}$ Carol Electronics Corporation, Martinsburg, W. Va.
Orradio Industries, Inc., Opelika, Ala.
Central Electronic Manufacturers, Denville, N. J.
International Rectifier Corporation, El Segundo, Calif.
Onondaga Electronics Div., Speer Carbon Co. Syracuse 1, N. Y.
R. L. Drake Company, Miamisburg, Ohio

Andrews Tower, Inc., Fort Worth 19, Tex.
*International Instruments Inc., West Haven, Conn.
Clevite Transistor Products, Waltham 54, Mass.
${ }^{*}$ V-M Corporation, Benton Harbor, Mich.
*James Vibrapowr Company, Chicago 18, Ill .
*Industrial Hardware Manufacturing Co., Inc., New York 12, N. Y.
C-B-C Electronics Co., Inc., Philadelphia 20, Pa.
Telechrome Mfg. Corp., Amityville, N. Y.
${ }^{*}$ Kline Iron and Steel Company, Columbia, S. C.
Cubic Corporation, San Diego 11, Calif.
Precision Electronics Inc., Franklin Park, 11.
S \& A Electronics, Inc., Toledo 5, Ohio
${ }^{*}$ Acro Products Company, Philadelphia 28, Penna.
Litton Industries, Beverly Hills, Calif.
*Albergo Transformer Company, Chicago 22, Ill .
M.E.C., Inc., Nashville 4, Tenn.

Calvideo Tube Corporation, Compton, Calif.
${ }^{-}$Telemeter Magnetics, Inc., Los Angeles 64, Calif.
Connector Corporation, Chicago 30, Ill.
*Southern Electronics Company, Greeneville, Tenn.
*American Transformer Corp., Chicago 7, Il .
Armel Electronics Inc., Brooklyn 32, N. Y.
Hy-Gain Antenna Products Company, Lincoln, Nebr.
${ }^{*}$ Dinion Coil Co., Inc., Caledonia, N. Y.
*Viking Industries, Inc., Canoga Park, Calif.
Tresco, Inc., Philadelphia 28, Penna.
Convair/Pomona, Div. of General Dynamics Corp., Pomona, Calif.

ACF Electronics, Division of ACF Industries, Inc. Alexandria, Va.
*Cargo Packers, Inc., Glendale 27, N. Y.
Elgin Metalformers Corporation, Elgin, Ill.
Electro-Products, Inc., Detroit 27, Mich.
Pan-Electronics Corporation, Griffin, Ga.
${ }^{*}$ Coilcraft, Incorporated, Cary, Ill.
*Chester Cable Corp., Chester, N. Y.
*Aerolite Electronics Corp., Union City, N. J.
International Electronic Industries, Inc., Nashville 1, Tenn.
*Blackburn Electronic Corporation, Wyoming, Pa.
General Products Corporation, Union Springs, N. Y.
${ }^{*}$ Inductor Engineering, Inc., Lewes, Del.
Resitron Laboratories, Inc., Los Angeles 25, Calif.
*Oaktron Industries Inc., Monroe, Wis.
The Antenna Specialists Co., Cleveland 6, Ohio
Technical Training Institute, Portland 11, Ore.
Standard Television Tube Corp., New Orleans 19, La.
Jerrold Electronics Corporation, Philadelphia 32, Pa.
Radio Development \& Research Corp., Paterson 3, N. J.
${ }^{*}$ Todd Electric Company, Inc., Yonkers, N. Y.
Generdl Mills, Inc., Mechanical Division, Minneapolis 13 , Minn.

* Acme Coil \& Transformer Corp., Chicago 14, Ill.

Parker Metal Goods Company, Worcester 8, Mass.
Skiatron Electronics \& Television Corp.,

> New York 14, N. Y.
*Magnetic Coil Manufacturing Company, Chicago 22, Ill.
*Oaktron Electric Company, Tinley Park, Ill.
Electrons, Incorporated, Newark 3, N. J.
${ }^{*}$ Hamilton-Hall Resistor Corp., Milwaukee 2, Wis.
ITT Federal Division, Fort Wayne, Ind.
Bomac Laboratories, Inc., Beverly, Mass.
${ }^{*}$ Electronic Engineering Company of California, Santa Ana, Calif.
Pacific Semiconductors, Inc., Culver City, Calif.
*Apex Coil and Transformer Corporation, Chicago 8, 111.
Kost Products Company, Inc., Chicago 39, 111.
Rhein Sound Systems, Inc., New Haven 5, Conn.
Union City Filament Corp., Union City, N. J.
Vitramon, Inc., Bridgeport 1, Conn.
Winston Electronics, Div. Jetronic Industries, Miami 42, Fla.
*Transitron Electronic Corporation, Wakefield, Mass.
${ }^{*}$ Ontario Industries, Inc., Hornell, N. Y.
Anton Electronic Laboratories, Inc., Brooklyn 37, N. Y.
Foto-Video Laboratories, Inc., Cedar Grove, N. J.
Huggins Laboratories, Inc., Sunnyvale, Calif.
Moloney Electric Company, St. Louis 20, Mo.
Mullenbach Division of Electric Machinery Mfg. Co., Los Angeles 58, Calif.
North American Aviation, Inc., Los Angeles 45, Calif.
Rapid Die and Molding Co., Schiller Park, 111.
Vector Electronic Company, Inc., Glendale, Calif.
*Industrial Tubes, Inc., Geneva, Ill.
*PCA Electronics Inc., Sepulveda, Calif.
${ }^{*}$ Lectrohm, Inc., Chicago 30, 111.
${ }^{*}$ Sherold Crystals Inc., Kansas City 8, Mo.
${ }^{*}$ Model Engineering \& Manufacturing, Inc., Chicago 18, 111.
${ }^{*}$ Filtors, Inc., Port Washington, L. I., N. Y.
American Electronics Company, Mineola, L. I., N. Y.
Ratigan Electronics Inc., Glendale 4, Calif.
Texas Instruments Incorporated, Dallas 9, Tex.
${ }^{*}$ Precision Electronic Coil Manufacturing Company, Santa Monica, Calif.
*Electro-Winders Co., Inc., Covina, Calif.
${ }^{*}$ Bartlett Manufacturing Company, Glenview, $I l$.
-Florida-Merit Inc., Hollywood, Fla.
Tansitor Electronics, Inc., Bennington, Vt.
*Marvel Electric Corporation, Chicago 22, Ill.
General Transistor Corporation, Jamaica 35, N. Y.
Grayhill, La Grange, Ill.
Midwest Speaker Company, McGregor, Iowa
Eberline Instrument Corporation, Santa Fe, N. M.
*Standard Crystal Company, Kansas City 8, Mo.
*Grand Coil Winders, Grand Haven, Mich.
${ }^{*}$ National Tel-Tronics Corp., Yonkers, N. Y.
Switcheraft, Inc., Chicago 30, Ill.
*The Amplifone Corporation, Chicago 40, Ill.
${ }^{*}$ Fugle-Miller Laboratories, Clark, N. J.
*Quality Transformer \& Coil C9., Inc., Chicago 14, Ill.*
${ }^{*}$ Fischer Electric Co., Inc., De Leon Springs, Fla.
Hycon Mfg. Company, Pasadena, Calif.
*Park Products Company, Cleveland 3, Ohio
Red Bank Division, Bendix Aviation Corp., Long Branch, N. J.
${ }^{*}$ Ion Capacitor Corp., Columbia City, Ind.
Kemtron Electron Products, Inc., Newburyport, Mass.
Campbell Industries, Inc., Sub., Clarostat Mfg. Co., Dover, N. H.

Communication Accessories Company, Sub., Collins Radio Co., Lee's Summit, Mo.
International Electronics Corp., New York 12, N. Y.
International Electronic Research Corp., Burbank, Calif.--
Leach Corporation, Compton, Calif.
${ }^{*}$ Torwico Electronics, Inc., Union, N. J.
Soundolier, Inc., St. Louis 22, Mo.
${ }^{*}$ Gray \& Kuhn, Inc., Roslyn Heights, N. Y.
*ACDC Electronics, Inc., Burbank, Calif.
*A.L.A. Industries, Inc., Harrison, N. Y.
*Electro Engineering Works, San Leandro, Calif.
*Associated Transformer Corp., Chicago 47, Ill.
${ }^{*}$ Utrad Corporation, Huntington, Ind.
*Holiday Transformer Corporation, Chicago 14, 11.
Cal-Ros Industries, Inc., Chicago 22, Ill.
Ferranti Electric, Inc., New York 20, N. Y.
*Mayfair Molded Products Corporation, Schiller Park, $I 1$.
${ }^{*}$ Bradford Components, Inc., Salamanca, N. Y.
Gremar Manufacturing Co., Inc., Wakefield, Mass.
${ }^{*}$ Columbia Technical Corporation, Woodside 77, N. Y.
*Wirco Electronics, Inc., El Monte, Calif.
Pomona Electronics Co., Inc., Pomona, Calif.
Audio Devices, Inc., Rectifier Division, Santa Ana, Calif.
${ }^{*}$ Transformer Manufacturers, Inc., Chicago 30, 111.
Industro Transistor Corporation, Long Island City 6, N. Y.
Kentron Hawaii Ltd., Honolulu 14, Hawaii
${ }^{*}$ Gefco Manufacturing Company, Grayslake, $I l$.
*Gahagan, Inc., Esmond 17, R. I.
Entron Incorporated, Bladensburg, Md.
${ }^{*}$ Channel Master Corporation, Ellenville, N. Y.
*Schwalm Electronics, Inc., Highland Park, IIl.
*Sun Capacitors, Chicago 25, Ill.
*Advanced Research Associates, Inc., Kensington, Md.
Philco Corporation, Accessory Division, Philadelphia, Pa.
Chemtronic Corporation, Nashville 4, Tenn.
Temco Aircraft Corporation, Dallas 22, Tex.
*South Haven Coil, Inc., South Haven, Mich.
*Wesco Electrical Co., Inc., Greenfield, Mass.
Callins Industries, Inc., Greenfield, Tenn.
${ }^{*}$ ESC Corporation, Palisades Park, N. J.
${ }^{\bullet}$ Paul Smith, Inc., Cincinnati 9, Ohio
${ }^{*}$ Caddell-Burns Mfg. Co. Inc., Mineola, N. Y.
*Hermetic Seal Transformer Co., Div. of S.I.E., Garland, Tex.
*Underwood Electric \& Mfg. Co., Inc., Chicago 39, Ill.
*Wells Electronics Company, South Bend 23, Ind.
Metals \& Controls Div., Texas Instruments Inc., Attleboro, Mass.
${ }^{*}$ Horton and Hubbard Manufacturing Co., Nashua, N. H.
*Standard Electromagnetics Inc., Frederick, Md.
${ }^{*}$ Lumen, Inc., Joliet, Ill.
Nortronics, A Div. of Northrop Aircraft, Inc., Hawthorne, Calif.
SNC Manufacturing Co., Inc., Oshkosh, Wis.
Syncro Corporation, Electronics Div., Hicksville, Ohio
*Winchester Electronics, Inc., Norwalk, Conn.
${ }^{*}$ Melrose Products, Inc., Willow Grove, Pa.
${ }^{*}$ Transcon Manufacturing Co., Dallas 9, Tex.
*Tritron Company, Milwaukee 12, Wis.
${ }^{*}$ Pacific Mercury Electronics, Sepulveda, Calif.
Minneapolis-Honeywell Regulator Co., Semiconductor Products Div., Minneapolis 8, Minn.
*Bristol Motors Div., Vocaline Co. of America, Inc., Old Saybrook, Conn.
${ }^{*}$ The R. K. Manufacturing Co., Carterville, $I l l$.
Westinghouse Electric Corp., Director Systems Dept., Pittsburgh 6, Pa.
*Telectron Company, Fort Lauderdale, Fla.
*Adams Electronics Inc., Bangor, Mich.
*JB Electronic Transformers, Inc., Chicago 47, 111 .
*Performance Measurements Company, Detroit 35, Mich.
Tele-Dynamics Inc., Philadelphia 31, Pa.
*Johnson Electric Coil Company, Franklin Park, $I l l$.
${ }^{*}$ Grand Tran, Inc., Benton Harbor, Mich.
${ }^{*}$ Topic Incorporated, Natick, Mass.
Land-Air Inc., Chicago 31, Ill.
*Ovenaire, Inc., Charlottesville, Va.
The Rauland Corporation, Chicago 41, III.
${ }^{*}$ Technitrol Engineering Company, Philadelphia 34, Pa.
Columbus Electronics Corp., Semiconductor Div., Yonkers, N. Y.
*Astro-Tran, West Acton, Mass.
National Semiconductor Corporation, Danbury, Conn.
${ }^{*}$ Efcon, Incorporated, New York 12, N. Y.
*The Wurlitzer Company, Corinth, Miss.
*Yardney Electric Corp., New York 13, N. Y.

## EIA WEEKLY DATE CODE

SYMBOL OF EACH WEEK IN PERIOD OF
JANUARY 3, 1960 TO DECEMBER 31, 1960
SYMBOL OF EACH WEEK IN PERIOD OF JANUARY 1, 1961 TO DECEMBER 30, 1961

| Code |  |  |  | riod |  |  | Code |  |  |  | Period |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 01 | January | 3 | to | January | 9 | Inc. | 01 | January | 1 | to | January | 7 | Inc |
| 02 | January | 10 | to | January | 16 | " | 02 | January | 8 | to | January | 14 |  |
| 03 | January | 17 | to | January | 23 | " | 03 | January | 15 | to | January | 21 |  |
| 04 | January | 24 | to | January | 30 | " | 04 | January | 22 | to | January | 28 | " |
| 05 | January | 31 | to | February | 6 | " | 05 | January | 29 | to | February | 4 | " |
| 06 | February | 7 | to | February | 13 | " | 06 | February | 5 | to | February | 11 | " |
| 07 | February | 14 | to | February | 20 | " | 07 | February | 12 | to | February | 18 | " |
| 08 | February | 21 | to | February | 27 | " | 08 | February | 19 | to | February | 25 | " |
| 09 | February | 28 | to | March | 5 | " | 09 | February | 26 | to | March | 4 | " |
| 10 | March | 6 | to | March | 12 | " | 10 | March | 5 | to | March | 11 | " |
| 11 | March | 13 | to | March | 19 | " | 11 | March | 12 | to | March | 18 | " |
| 12 | March | 20 | to | March | 26 | " | 12 | March | 19 | to | March | 25 | " |
| 13 | March | 27 | to | April | 2 | " | 13 | March | 26 | to | April | 1 | " |
| 14 | April | 3 | to | April | 9 | " | 14 | April | 2 | to | April | 8 | " |
| 15 | April | 10 | to | April | 16 | " | 15 | April | 9 | to | April | 15 | " |
| 16 | April | 17 | to | April | 23 | " | 16 | April | 16 | to | April | 22 | " |
| 17 | April | 24 | to | April | 30 | " | 17 | April | 23 | to | April | 29 | " |
| 18 | May | 1 | to | May | 7 | " | 18 | April | 30 | to | May | 6 | " |
| 19 | May | 8 | to | May | 14 | " | 19 | May | 7 | to | May | 13 | " |
| 20 | May | 15 | to | May | 21 | " | 20 | May | 14 | to | May | 20 | " |
| 21 | May | 22 | to | May | 28 | " | 21 | May | 21 | to | May | 27 |  |
| 22 | May | 29 | to | June | 4 | " | 22 | May | 28 | to | June | 3 | " |
| 23 | June | 5 | to | June | 11 | " | 23 | June | 4 | to | June | 10 | " |
| 24 | June | 12 | to | June | 18 | " | 24 | June | 11 | to | June | 17 | " |
| 25 | June | 19 | to | June | 25 | " | 25 | June | 18 | to | June | 24 | " |
| 26 | June | 26 | to | July | 2 | " | 26 | June | 25 | to | July | 1 | " |
| 27 | July | 3 | to | July | 9 | " | 27 | July | 2 | to | July | 8 | " |
| 28 | July | 10 | to | July | 16 | " | 28 | July | 9 | to | July | 15 | " |
| 29 | July | 17 | to | July | 23 | " | 29 | July | 16 | to | July | 22 | " |
| 30 | July | 24 | to | July | 30 | " | 30 | July | 23 | to | July | 29 | " |
| 31 | July | 31 | to | August | 6 | " | 31 | July | 30 | to | August | 5 | " |
| 32 | August | 7 | to | August | 13 | " | 32 | August | 6 | to | August | 12 |  |
| 33 | August | 14 | to | August | 20 | " | 33 | August | 13 | to | August | 19 | " |
| 34 | August | 21 | to | August | 27 | " | 34 | August | 20 | to | August | 26 |  |
| 35 | August | 28 | to | September | 3 | " | 35 | August | 27 | to | September | 2 | ، |
| 36 | September | 4 | to | September | 10 | " | 36 | September | 3 | to | September | 9 |  |
| 37 | September | 11 | to | September | 17 | " | 37 | September | 10 | to | September | 16 |  |
| 38 | September | 18 | to | September | 24 | " | 38 | September |  | to | September | 23 |  |
| 39 | September |  | to | October | 1 | " | 39 | September |  | to | September | 30 |  |
| 40 | October | 2 | to | October | 8 | " | 40 | October | 1 | to | October | 7 |  |
| 41 | October | 9 | to | October | 15 | " | 41 | October | 8 | to | October | 14 | " |
| 42 | October | 16 | to | October | 22 | " | 42 | October | 15 | to | October | 21 | " |
| 43 | October | 23 | to | October | 29 | " | 43 | October | 22 | to | October | 28 | " |
| 44 | October | 30 | to | November | 5 | " | 44 | October | 29 | to | November | 4 | ، |
| 45 | November | 6 | to | November | 12 | " | 45 | November | 5 | to | November | 11 | " |
| 46 | November | 13 | to | November | 19 | " | 46 | November | 12 | to | November | 18 |  |
| 47 | November | 20 | to | November | 26 | " | 47 | November | 19 | to | November | 25 |  |
| 48 | November | 27 | to | December | 3 | " | 48 | November. | 26 | to | December | 2 |  |
| 49 | December | 4 | to | December | 10 | " | 49 | December | 3 | to | December | 4 | " |
| 50 | December | 11 | to | December | 17 | " | 50 | December | 10 | to | December | 16 |  |
| 51 | December | 18 | to | December | 24 | " | 51 | December | 17 | to | December | 23 |  |
| 52 | December | 25 | to | December | 31 | " | 52 | December | 24 | to | December | 30 | " |


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