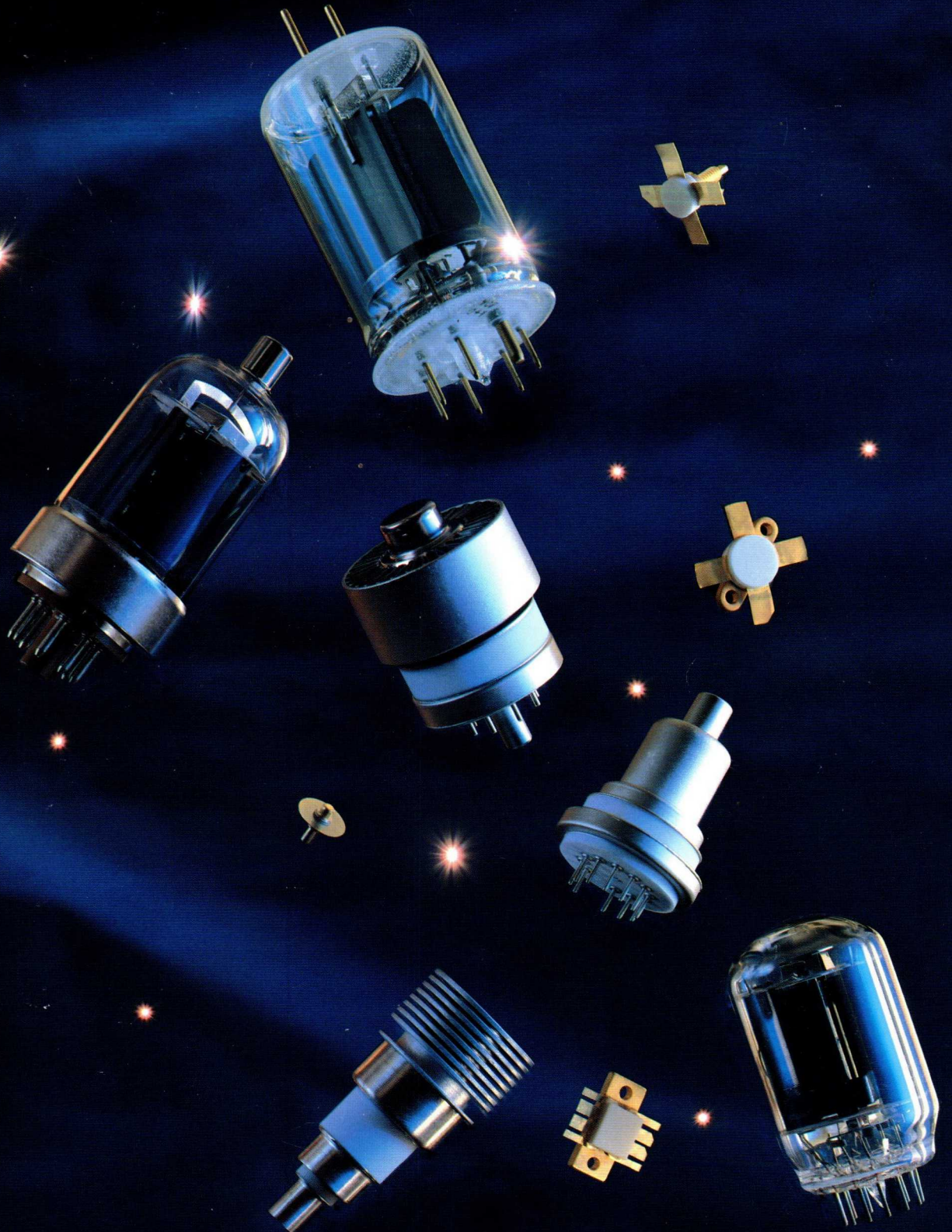
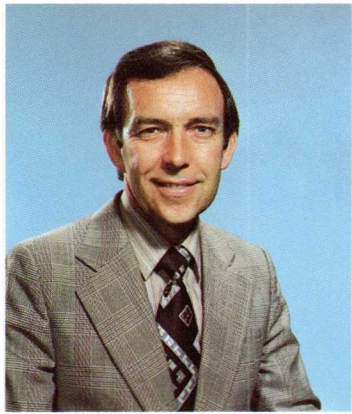




Richardson Electronics (Europe) Ltd.

CATALOG 112





John Marshall
Managing Director



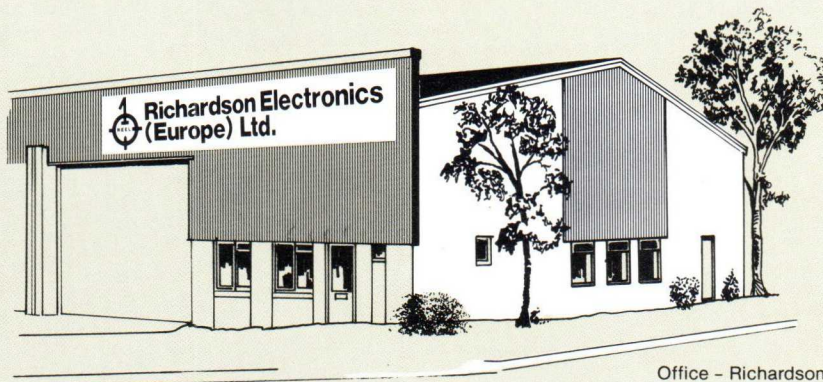
Allan McCrone
Marketing Manager



David Sperber
Operations Manager



Sue Holgate
Sales Office Manager



Office - Richardson Europe

Richardson Electronics (Europe), Ltd.
Dean Road, Outer Circle Road
Industrial Estate
Lincoln, England LN2 4DV
Telephone: 0522-42631
Telex: 56175 REEL UK

"SCOPE"

Once limited to the confines of the earth, the combination of experienced people, creative ideas, and space age technology will soon allow us to travel into boundless space, perhaps at the speed of light or even time.

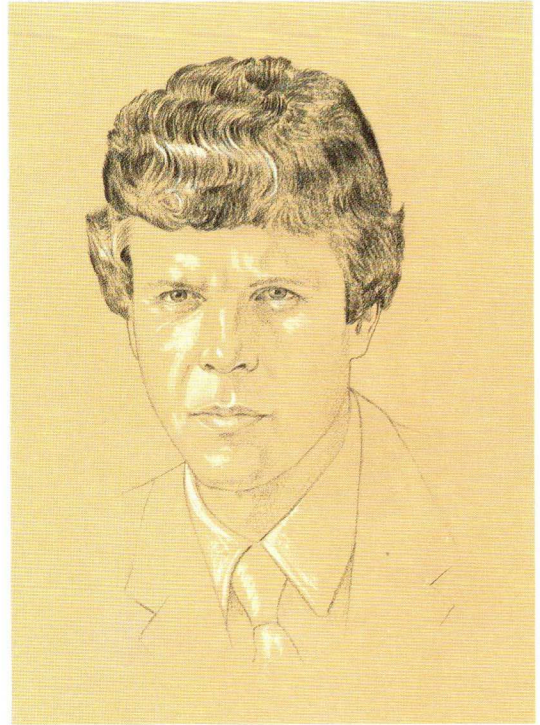
Though bounded by both space and time, Richardson Electronics, Ltd. combines innovative ideas in administration with excellence in manufacturing technology. Our purpose is singular: to provide the ultimate source for all electron valves and power semiconductors. Our focus is progressive: one that ventures beyond traditional concepts of distribution, merging efficiency in service by skilled personnel with the technical resources and versatility of manufacturing.

This year, we have enlarged our distribution network to include seven geographic locations in the United States and Europe. Orders from each location are directed around the globe on a "same day basis" from an inventory valued in excess of \$11 million covering more than 8,500 different part numbers. Yet, our expanding horizons have not sacrificed the highly personalized service our customers have grown to expect.

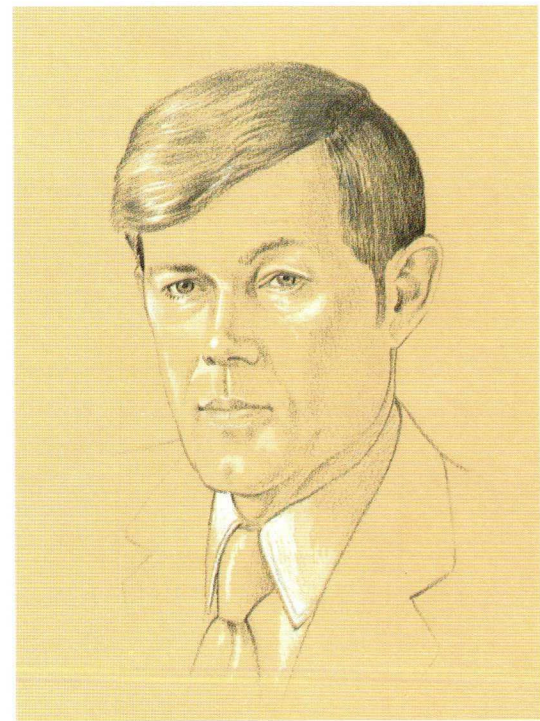
The Richardson manufacturing divisions, Cetron Electronics and National Electronics, together represent the world's largest independent manufacturer of industrial electron valves. Their combined resources produce a wide range of products including cold cathode valves, rectifiers, thyratrons, ignitrons, power triodes, photovalves, industrial receiving and transmitting valves, digital display valves, silicon controlled rectifiers, magnetrons and spark gap devices.

Our Research and Development staff is constantly developing new products and modifying existing designs to meet specific customer requirements. Specialized applications, engineering and technical assistance are integral parts of the "Richardson Service" and all customer inquiries are invited.

The spectrum of Richardson Electronics is constantly expanding in all areas of engineering, manufacturing and distribution to provide you, our customers, with the ultimate source for all electron valves and power semiconductors.



Edward J. Richards
President



Dennis L. Gandy
Executive Vice President

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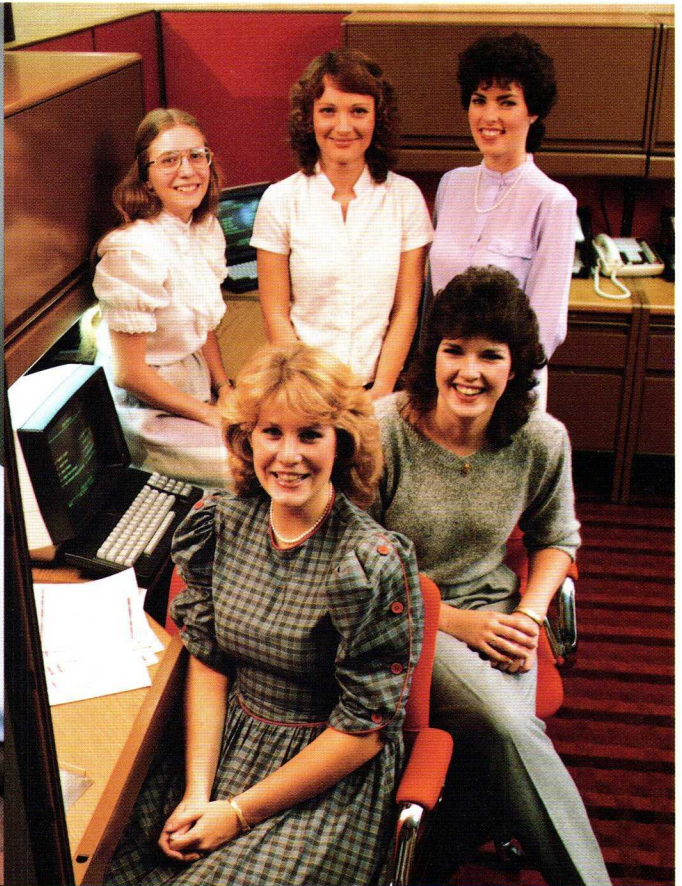
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Relays, Ballasts	17	Vibrators, 12 Volt Relays	37
Sockets, Chimneys	17	Acrian Transistor Prices	38
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Microwave Oven Magnetrons	22	Semiconductor Cross Reference	40
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RF Transistor Guide	23	Sales Facilities	50

PRODUCTS

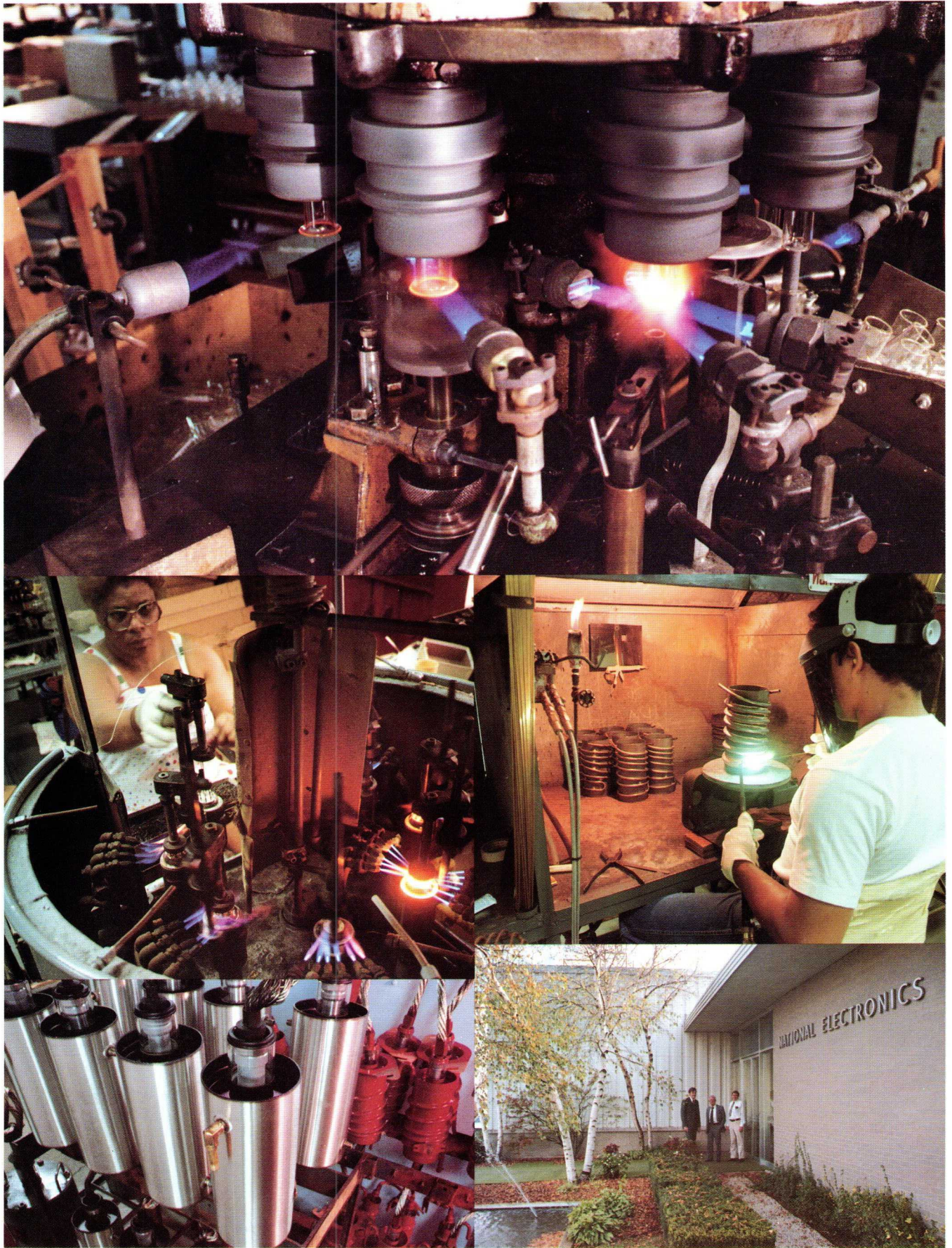
Backward Wave Oscillators	Magnetrons	Solid State Replacements
Camera Valves	Microwave Valves	Spark Gap Valves
Cathode Ray Valves	Microwave Semiconductors	Tetrodes
Cold Cathode Valves	Photomultiplier Valves	Thyratrons
Diodes	Photovalves	Transistors
Display Devices	Planar Triodes	Transmitting Valves
Duplexers	RF Amplifiers	Traveling Wave Valves
Electro-Optical Devices	RF Capacitors	Triodes
Gas Relays	RF Resistors, Terminations	Tube Sockets, Accessories
Glow Modulators	RF Transistors	Vacuum Capacitors
Ignitrons	Readout Valves	Vacuum Interrupters
Image Intensifiers	Receiving Valves	Vacuum Relays
Integrated Circuits	Rectifiers	Vibrators
Klystrons	Relays	Vidicons
Klystron Amplifiers	Silicon Controlled Rectifiers	X-Ray Valves

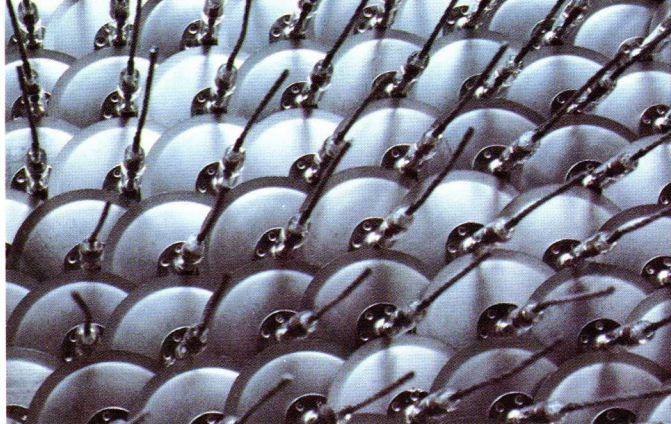
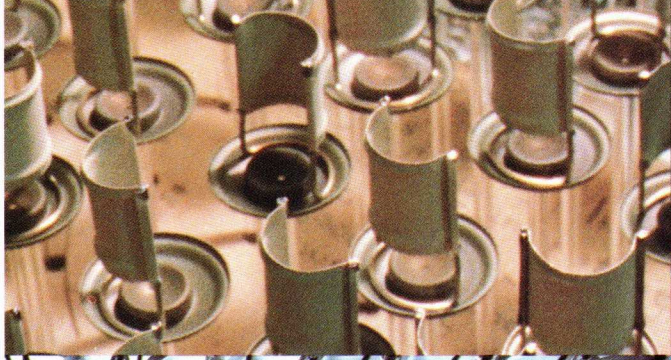
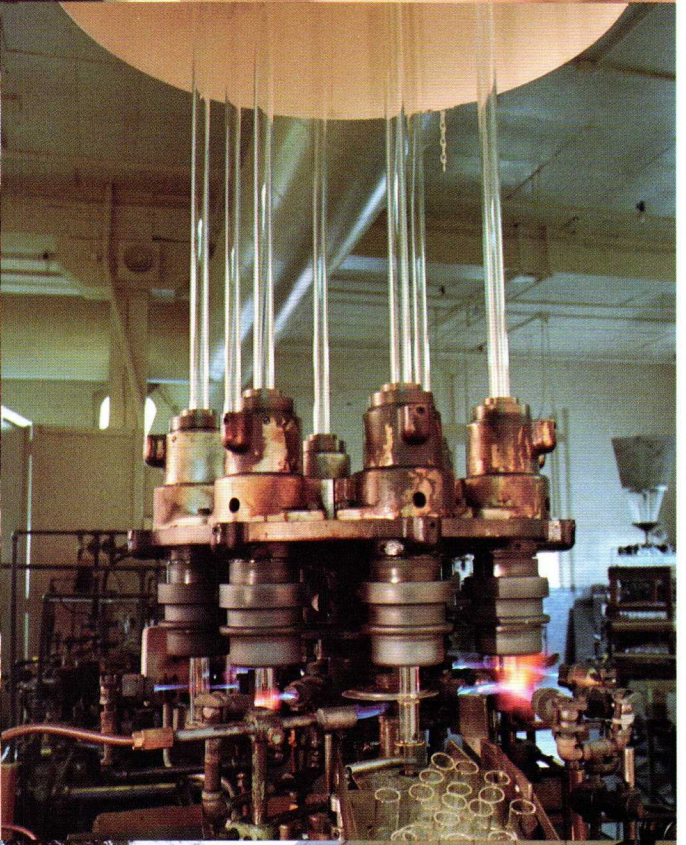
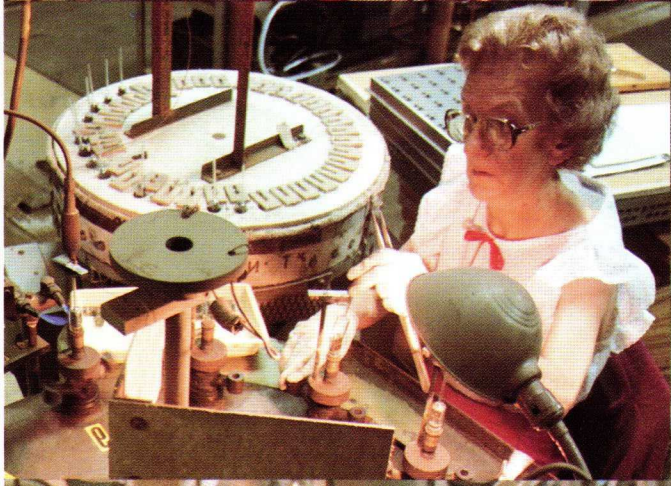
MAJOR MANUFACTURERS

ACRIAN	ITT	RAYTHEON
AMPEREX	ITT JENNINGS	STC
AMPERITE	LANSDALE	SAMSUNG
BURROUGHS	LITTON	SEMICON
CETRON	MACHLETT	SIEMENS
DUMONT	MICROWAVE ASSOC.	SYLVANIA
EEV	MULLARD	TELEFUNKEN
E.G.&G.	NATIONAL	THOMSON-CSF
EIMAC	OMNIWAVE	TOSHIBA
GENERAL ELECTRIC	PHILIPS	VARIAN
GENALEX	PLESSEY	VICTOREEN
IMD	RCA	WESTINGHOUSE



Richardson's personnel who process your orders.





INDUSTRIAL - RECEIVING & SPECIAL PURPOSE VALVES

type

1000T
100TH
100TL
10AL11
10ANP7
10CW5
10DE7
10DR7
10DX8
10EG7
10EW7
10FP4
10GF7
10GK6
10GN8
10GV8
10HF8
10JA5
10JA8/10LZ8
10JT8
10JY8
10KP7A
10KR8
10LD6/LL802
10LW8
10LY8
10LZ8
10T10
10UP14B
10WP7A
10Z10
117L7/117M7
117N7GT
117P7GT
117Z6GT
11AF9
11AR11
11BM8
11BQ11
11BT11
11CA11
11CF11
11CH11
11CY7
11DS5
11E2
11FY7
11HM7
11JE8
11KV8
11LQ8
11LT8
11MS8
11Y9
120-A
1218A/8334
121B
1229/932
1236C
1237
1257
1258
12A6
12A8GT
12AB5
12ABP7A
12AC10A
12AC5/UF41
12AD6
12AD7

type

12AE10
12AE7
12AF3
12AH7GT
12AJ7/HCH81
12AL5
12AQ5
12AT6
12AT7-10M
12AT7/ECC81
12AT7WA
12AT7WB
12AT7WC-JAN
12AU6
12AU7A-10M
12AU7A/ECC82
12AU7WA/6189
12AV5GA
12AV6
12AV7
12AX4
12AX7A-10M
12AX7A/ECC83
12AX7WA
12AY3A/12BS3A
12AY7
12AZ7A
12B4A
12BA6
12BA7
12BE3
12BE6
12BF11
12BF6
12BH7A
12BK5
12BL6
12BQ6/12CU6
12BR3/12RK19
12BR7
12BS3A
12BV11
12BV7
12BW4
12BY7A
12BZ7
12C5/12CU5
12CA5
12CL3
12CR6
12CT8
12CU5/12C5
12CU6/12BQ6
12CX6
12DB5
12DK7
12DP7
12DQ6B/12GW6
12DQ7
12DT5
12DT8
12DV8
12DW4A
12DW7
12DZ6/12EA6
12E1
12EC8
12EK6
12EQ7
12F8

type

12FQ7
12FX5
12FX8A
12GB3
12GB7
12GE5
12GJ5
12GN7A/12HG7
12GT5
12GW6/12DQ6B
12H6
12HE7
12HL7
12J5
12JB6A
12JF5
12JN6
12JQ6
12JT6A
12KL8
12KP4A
12MD8
12RK19
12S7/UAF42
12SA7
12SA7GT
12SC7
12SF5
12SF7
12SG7
12SH7
12SJ7
12SK7
12SL/7GT
12SN7GT
12SQ7
12SW7
12SX7GT
12SY7
12T10
12V6GT
12W6GT
12X4
12X825
13DR7
13E1/13E12
13EM7/15EA7
13FD7
13FM7/15FM7
13GB5/XL500
13GF7A
13J10/13Z10
13JZ8
13V10
13Z10/13J10
14BAP4
14BDP4
14BL11
14BR11
14GT8
14GW8/PCL86
14Q7
14R7
1500T
150B2/6354
150B3
150CVP
152TH
152TL
15371

type

15A6/PL83
15AF11
15BD11
15CW5/PL84
15DQ8/PCL84
15EA7/13EM7
15FM7/13FM7
15KY8
15MF8
1612
1613
1614
1616
1619
1620
1621
1622
1624
1625
1626
1629
1635
1659
16A5/PL82
16A8/PCL82
16AK9
16AQ3/XY88
16BQ11
16BX11
16GK6
16GY5
16KA6
16LU8A
16X897
16Y9/PFL200
17241
17701AL
17AB10/17X10
17AB9
17AV5
17AY3/17BS3
17BB14
17BE3/17BZ3
17BF11
17BR3
17BS3A
17BW3
17BZ3
17C5/17CU5
17C8/UBF80
17C9
17CK3
17CT3
17CU5/17C5
17DE4
17DM4A
17DQ6B/17GW6
17DW4
17DWP4
17EW8/HCC85
17GE5
17GJ5
17GT5
17GV5
17GW6/17DQ6B
17HB25
17JB6A
17JF6
17JG6A
17JK8

type

17JM6
17JN6
17JQ6
17JT6A
17JZ8
17KV6A
17LD8
17X10/17AB10
17Y9
17Z3/PY81
18651AL
189048/4B28
189049/4B26
18AJ10
18FW6
18FX6
18FY6
18GB5
18GD6A
18GV8/PCL85
1946
1949
19CG3
19CL8A/19JN8A
19D8/UCH81
19DE3
19DK3
19DQ3
19EA8
19EZ8
19FL8/UBF89
19HR6
19HV8
19J6
19JN8A
19KG8
19T8A
19V8
1A3
1AB6/DK96
1AC6/DK92
1AD2A/1BY2
1AD4
1AE4
1AG4
1AG5/2E41
1AH4
1AH5/DAF96
1AJ4/DF96
1AN5/DF97
1AX2
1AY2
1B23
1B24A
1B27
1B3/1G3
1B35A
1B58A
1B59/R1130B
1B63A
1B63B
1B85
1BC2A
1BG2
1BH2A
1BY2/1AD2A
1C21
1D21/SN4
1D8
1DG3

INDUSTRIAL – RECEIVING & SPECIAL PURPOSE VALVES

type

1G3/1B3
1G45P
1H5GT
1J3/1K3
1K24
1K3/1J3
1L4
1L6
1LA6
1LB4
1M3/DM70
1N3/DM71
1N5GT
1P21
1P22
1P28
1P28A
1P28A/V1
1P28B
1P29
1P30
1P37
1P39
1P40
1R5
1S2A/DY87
1S4
1S5
1T4
1U4
1U5
1U5WA
1V
1V2
1V6
1X2C
1Z2
2-01C
2-150D
2-240A
2-25A
2-450A
2-50A
2000T
2022
2033
2040
2050/2050A
2050W
2051
205F
20AQ3/LY88
20EZ7
20LF6
20PE11
20PE13
20PE13A
20PE14
20PE19
20PE20
20X672
211/VT4C
217283/5B21
21A6/PL81
21GY5
21HB5
21JS6A/23JS6A
21JV6
21JZ6
21KA6

type

21KQ6
21LG6
21LR8
21LU8
22BW3
22DE4
22JF6
22JG6
22JR6
22JU6
22KM6
22KV6
23JS6A/21JS6A
23Z9
249B
249C
24BF11
24JE6C/24LQ6
24JZ8
250R
250TH
250TL
25AV5GA
25C5
25CA5
25CD6
25CG3
25CK3
25CT3
25CU6/25BQ6
25DK4
25DL3/25DK3
25E5/PL36
25EH5
25JZ8
25L6GT
25T
25Z5GT
25Z6GT
25Z6WGT
262B
264/8576
264C/864
26A6
26A7GT
26C6
26D6
26DQ5
26HU5
26LW6
26LX6
26Z5W
272A
274A
274B
27GB5/PL500
27LF6
28D7
29KQ6
29LE6
2A3
2A4
2A5
2A6
2AC15
2AF4/2DZ4
2AH2
2AP1A
2AS15A
2AS2A/2BU2/2AH2

type

2AV2
2B22
2B23
2B35/EA50
2BJ2
2BN4A
2BP1
2BU2
2C36
2C39A
2C39B
2C39BA
2C39WA
2C40A
2C42
2C43
2C46
2C51
2C53
2CN3A
2CW4
2CY5
2D21
2D21W/5727
2DS4
2DV4
2DZ4
2E22
2E24
2E26
2E32
2E36
2E41
2E42
2EG4
2ER5
2F21
2FH5
2FP1
2FQ5/2GK5
2FS5
2FY5
2G21/2G22
2G402A
2G57
2GK5/2FQ5
2GU5
2GW5
2H21
2H28
2HA5/2HM5
2HK5
2HQ5
2J42
2J42H
2J55
2J70A
2K25
2K26
2K28A
2K29
2K41
2K45
2SM15
2X2A
3-1000Z/8164
3-200A3/592
3-400Z/8163
3-500Z
300B

type

304TH
304TL
30A5/HL94
30AE3/PY88
30AG11
30JZ6
30KD6
30MB6
30MP27
310A
310B
311B
313C
313CA
313CB
313CC
31A3/UY41
31AL10
31JS6C
31LQ6
31LR8
31LZ6
322
323B
328A
329A
32ET5
32HQ7
337A
33GT7
33GY7
33JR6
33JV6
346C
348A
349A
34CE3
34DK3
34GD5
34R3
350A
350B
352A
353A
354A
355A
356/5771
359A
35A5
35B5
35C5
35DZ8
35EH5
35GL6
35L6GT
35LR6
35T
35W4
35Y4
35Z3
35Z4GT
35Z5GT
368AS/703A
36AM3B
36KD6/40KD6
36LW6
36MC6
371B
374A
376C

type

383A
38A3/UY85
39HE7
38HK7
393A
394A
395A
396A
398A
399A
399B
3A2
3A3C/3B2/3AW3
3A4
3A5
3ACP11A
3ACP1A
3ACP7A
3ADP1
3AF4/3DZ4
3AL5
3AP1A
3AQP1
3ASP1
3AT2
3AU6
3AV6
3AW2
3AW3/3A3C
3B2/3A3C
3B22/EL1C
3B24
3B24W
3B24WA
3B24WB
3B25
3B26
3B28
3B29
3B29W
3B4
3B4WA
3BC5/3CE5
3BE6
3BL2A
3BM2
3BN2
3BN4
3BN6
3BP1A
3BS2A
3BT2
3BU8/3GS8
3BW2/3BS2A
3BY6
3BZ6
3C23
3C24
3C31/C1B
3C33
3C45
3C45W
3CA3
3CB6/3CF6
3CE5/3BC5
3CF6/3CB6
3CN3B
3CPN10A5/7815
3CPX10A5/7815R
3CPX1500A7

INDUSTRIAL - RECEIVING & SPECIAL PURPOSE VALVES

type

3CS6
3CU3A
3CV30, 000A1
3CV30, 000A3
3CV30, 000H3
3CW1000A3
3CW20, 000A7
3CW40, 000H3
3CW5000A1
3CW5000A3
3CW5000F1
3CW5000F3
3CW5000H3
3CX10, 000A1
3CX10, 000A3
3CX10, 000A7
3CX10, 000H3
3CX1000A7
3CX100A5/7289
3CX15, 000A3
3CX15, 000A7
3CX15, 000H3
3CX1500A7/8877
3CX2500A3
3CX2500F3
3CX2500H3
3CX3
3CX3000A1
3CX3000A7
3CX3000F1
3CX3000F7
3CX400U7
3CX5000A3
3CX5000H3
3CX600U7
3CY3
3CY5
3CZ3
3D21WA
3D21WB
3D22A
3D6/1299
3DA3
3DB3/3CY3
3DC3
3DF3
3DG4
3DH3
3DJ3
3DK6
3DP1A
3DR3
3DS3
3DT6
3DZ4/3AF4
3E29
3EA5
3EH7
3EJ7
3ER5
3FH5
3FS5
3GK5
3GP1A
3GS8/3BU8
3HA5/3HM5
3HQ5
3HS8
3JC6A
3JP1

type

3JP7
3KP1
3KT6
3LF4
3Q4
3Q5GT
3RP1
3RP1A
3S4
3SP1
3V4
3WP1
3XP1
4-1000A/8166
4-125A/4D21
4-250A/5D22
4-400A/8438
4-400B
4-400C
4-500A
4-65A/8165
400A
400B
4028A
4032/7977
403A
403B/5591
4042
4043
404A/5847
4055
4055/V1
4058
4062A
4065
4076
407A
408A
409A
40A1
40B2
40KD6
40KG6/PL509
412A
413B
415A
416B
416C
417A
42
420A
421A
423C
425A
426A
427A
429A
42EC4
42KN6
43
430B
4389
4409
443A
4454
445A/VRX7204B
45
4503A
450TH
450TL

type

4517
451A
4523
4524
452A
4532
4532/H
4532/U
4532A
4532A/H
4532A/U
4572
457A/VRX7204A
459A/VRJ7203A
459D/VRJ7203A
45A5/UL41
45B5/UL84
45X674
4600A
4604
4621
4628
4629/F1146
4631S
4651
4652/8042
4657
4662
4677
481B
4830
4832
4833AU
4833U
4840
4848
4AU6
4AV6
4B24/6484
4B26/189049
4B28/189048
4B31
4B32
4BC8
4BL8
4BN6
4BQ7A/4BZ7
4BS8
4BU8/4GS8
4BZ6
4BZ7/4BQ7A
4C35A
4CB6
4CN15A
4CPX250K
4CS250R
4CS6
4CV1500B
4CV35, 000A
4CV8000A
4CW10, 000A
4CW2000A
4CW25, 000A
4CW800B
4CX10, 000D
4CX10, 000J
4CX1000A
4CX1000K
4CX125C
4CX15, 000A

type

4CX1500A
4CX1500B
4CX20, 000A
4CX250B/7203
4CX250BC
4CX250F/7204
4CX250FG/8621
4CX250K/8245
4CX250R/7580W
4CX3000A
4CX300A
4CX300Y
4CX35, 000C
4CX350A/8321
4CX350F
4CX350FJ
4CX5000A
4CX5000R
4CX600B
4CX600F
4CX600J
4D21/4-125A
4D22
4D32
4DE6
4DK6
4DL4/PC88
4DT6
4E27A/5-125B
4EH7
4EJ7
4ES8
4EW6
4F15R
4GJ7/XCF801
4GK5
4GM6
4GS7
4GS8/4BU8
4GX7
4H160M
4HA5/4HM5
4HA7/4HC7
4HM5/4HA5
4HM6
4HQ5
4HS8
4HT6
4JC6A
4JD6
4JH6
4KE8
4KN8
4KT6
4LJ8
4LU6
4MP1
4PR1000A
4PR1000B
4PR125A
4PR250C
4PR400A
4PR60B/8252
4PR60C/8252W
4PR65A
4RHH2
4W20, 000A
4W300B
4X150A/7034
4X150D/7035

type

4X150G
4X500A
5-125B/4E27A
5-4/8161R
5-500A
501RA
5031/8037
5092/8421
50A1
50A5
50B5
50BM8/UCL82
50C5
50DC4
50EH5
50FE5
50FK5
50GY7A
50HC6
50HK6
50JY6
50L6GT
50X6
50Y6GT
50Y7GT
53HK7
5513
5514
5517
5528/C6L
5530
5530H
5544
5545
5550
5551A
5552A
5553B
5554
5555
5556
5557/FG17
5558/FG32
5559/FG57
5560/FG95
5561/FG104
5563A
5575/100
5576/200
5581
5582
5583
5586
5591/403B
56
5604
5606
5606A
5609
5610
5632/C3J
5636
5639
5639-JAN
5639WA
5641
5642
5643
5644
5647

INDUSTRIAL – RECEIVING & SPECIAL PURPOSE VALVES

type

5651
5651WA
5651WA-JAN
5652
5653
5654-10M
5654/6AK5W
5654W-JAN
5656
5658/880
5662
5663
5664/C1B
5665/C16J
5666
5667/889RA
5668
5669
5670
5670W-JAN
5670WA
5672
5675
5676
5678
5679
5680
5681
5682
5683/C1J/A
5684/C3JA
5684NE
5685/C6JA
5686
5687
5687WA
5687WB
5687WB-JAN
5691
5692
5693
5696
5697/CK570AX
56AVP
56AVP-03
56TVP
57
5702
5702WA
5702WB
5702WB-JAN
5703
5703WA
5703WB
5703WB-JAN
5704
5718
5719
5720/FG33
5721
5725/6AS6W
5725W-JAN
5726/6AL5W
5727/2D21W
5728/FG67
572B/T160L
5736
5744
5744WA
5744WB

type

5744WB-JAN
5749/6BA6W
5750/6BE6W
5751
5751-JAN
5751W1
5751WA
5755
575A
5762/7C24
5763
5767
5768
576A
576A-JAN
577
5771/356
577W
5783
5783WA
5784
5784WA
5784WB
5787
5787WA
5796
5814A
5814A-JAN
5814WA
5814WB
5819
5822A
5823
5824
5825
5829
5829WA
5829WA-JAN
5834/NL649
5835/NL653
5836
5837
5840
5840W
5841
5842-JAN
5842/417A
5842WA
5844
5845
5847/404A
5855
5861/EC55
5866A
5867A
5868/AX9902
5869/9950
5870
5875
5876A
5877/22994
5879
5881
5881-MP
5886
5889
5891
5893
5894
5894A

type

5894B
5895
5896
5899
5902
5902WA
5903
5907
5908
5915
5918A
5919
592/3-200A3
5920/E90CC
5923
5924A
5931
5932/6L6WGA
5933/807W
5933WA
5933WA-JAN
5934
5936
5946
5948A
5949A
5949A-JAN
5956
5957/E37B
5958
5963
5964
5965
5966
5971
5973
5976
5977
5979/BS1
5980/BS2
5986A
5987
5991/8422
5993/TE10
5998
5998A
5A6
5ABP1
5ABP31
5ABP7
5ADP1
5ADP2
5ADP31
5ADP7
5AHP7A
5AM8
5AMP1A
5AMP2A
5AMP31B
5AN8
5AQ5
5AQP1A
5AQP2A
5AQP31A
5AQP7A
5AR4/GZ34
5ARP1
5AS4A/5U4GB
5AS8
5AT8

type

5AU4/5V3
5AV8
5AW4
5AZ4
5B21
5B8
5BC3A
5BDP7
5BGP2/T51P2
5BHP2/T54P2
5BK7A
5BP1A
5BQ7A
5BR8/5FV8
5BT8
5BTP1
5BTP7
5BW8
5C21/C6J
5C22
5CAP2/T52P2
5CG8
5CL8A
5CP11A
5CP1A
5CP2A
5CP7A
5CQ8
5CX1500A
5CX3000A
5CZ5
5D22/4-250A
5DEP1
5DJ4
5EA8
5ES8
5EU8
5EW6
5FQ7
5FP4A
5FP7A
5FV8/5BR8
5GH8A
5GJ7
5GM6
5GS7
5GX7
5HA7
5HB7
5HG8
5HP1
5HZ6
5J6
5JK6
5JP1A
SKD8/6U8A
5KE8
5KZ8
5LJ8
5LP1A
5LP7A
5MB8
5R4GA/5R4GB
5R4GY
5R4WGA
5R4WGB
5R4WGB-JAN
5RP7A
5SP7
5T4

type

5T8
5U4GB/5AS4A
5U8
5U9
5UP1
5UP1F
5UP31
5UP7
5V3/5AU4
5V4GA
5V6GT
5WA
5XA
5X8
5XP1B
5XP2B
5Y3GT
5Y3WGTA
5Y3WGTA/6087
5Y4
5Z3
5Z4
5ZP16
6-1/F1096
6005/6AQ5W
6005W-JAN
6007
6008
6011/710
6012
6013/EL3B
6014/C1K
6021
6021W
6021W-JAN
6021WA
6027H
6028/408A
6029/573AX
604/6484
6043
6046
6050
6060
6064/M8083
6072A
6073
6074
6076
6076A
6079
6080
6080WA
6080WB
6080WC
6080WC-JAN
6082
6082WA
6083
6084/E80F
6085/E80CC
6087/5Y3WGT
6094
6095/6AQ5W
6096/6AK5W
6097/6AL5W
6098/6AR6WA
6099
60FX5
60HL5

INDUSTRIAL - RECEIVING & SPECIAL PURPOSE VALVES

type

6100/6C4WA
6101/6J6WA
6106
6110
6111
6111WA-JAN
6112
6112-JAN
6112WA
6112WA-JAN
6115A
6116
6130
6134/6AC7WA
6135
6136/6AU6WB
6137/6SK7WA
6143
6146A
6146B/8298A
6146W-JAN
6146W/7212
6147
6152
6155
6156
6159A
6159B
6161
6166A/7007
6173
6174
6177A
6181
6186/6AG5WA
6188/6SU7GT
6189/12AU7WA
6197
6199
6201/12AT7WB

type

6202/6X4WA
6203
6205
6206
6211
6213
6216
6217
6218/E80T
6227/E80L
6236
6245
6247
6252
6256
6257
6258
6263A
6264A
6265
6267-10M
6267/EF86
6268
6279
6280
6286
6291
6292
6293
6299
6303/X80
6303A
6310/V260
6312
6315/V153
631P1
6322
6328
632C/632B
6334

type

6336A
6336B
6342A
635/7019
6350
6352
6354/150B2
635L/7020
6360A
6363
6364
6366
6367
6374/EY84
6375
6379
6384
6386
6390
6396
6397
6399
6400
6400A
6414
6418/CK548DX
6419/CK549DX
6420
6421
6421F
6422
6423
6423F
6424
6425
6425F
6426
6427
6442
6463

type

6476A
6481
6484
6485
6489/EA76
648P1
6499
6508
6519
6520
6521A
6524
6525
6528
6528A
6528A-JAN
6533
6533WA
6542
6550
6550MP
6569
6570
6576
6587
6591
6611
6612
6619
6623
6624
6626/OA2WA
6627/OB2WA
6655A
6660/6BA6
6661/6BH6
6662/6BJ6
6663/6AL5
6664/6AB4
6669/6AQ5A

type

6676/6CB6A
6677/6CL6
6678/6U8A
6679/12AT7
6680/12AU7A
6681/12AX7A
6686/E81L
6687/E91H
6688/E180F
6689/E83F
6693
6696A
6697A
6700
6701
670A/6C
6710
672A
673
6763
6771
6775/4-400C
6777
6781/BL803
6786
6795A
6802
6807
6808
6809
6810A
6816
6829
6832
6832-JAN
6842
6850
6856/740
6857/740P
6858/760

SYLVANIA

EIMAC / VARIAN

RCA



INDUSTRIAL - RECEIVING & SPECIAL PURPOSE VALVES

type

6859/760P
6860/C6J/F
6871/C6J/KF
6872
6883
6883B/8552
6884
6887
6888
6894
6895
6897
6900
6901
6907
6909
6910
6914A
6922-JAN
6922/E88CC
6923/EA52
6925
6926
6929
6939
6943
6947
6948
6953
6960A
6961A
6973
6975/VA203B
6977
6979
6989/C6J/KL
6989NE
6A3
6A6
6A7

type

6A8
6AB4
6AB7
6AB8/ECL80
6AC10
6AC5GT
6AC7
6AC7WA/6134
6AD10
6AD7
6AF11
6AF3
6AF4/6DZ4
6AF6G
6AF9
6AG11
6AG5
6AG5WA/6186
6AG7
6AG9
6AH4GT
6AH6
6AH6WA
6AH6WA-JAN
6AH9
6AJ5
6AJ8/ECH81
6AK10
6AK5-10M
6AK5/EF95
6AK5W/5654
6AK5WB
6AK6
6AK8/EABC80
6AL11
6AL3/EY88
6AL5
6AL5-10M
6AL5W/5726
6AL7GT

type

6AM4
6AM5/EL91
6AM6/EF91
6AM8A
6AN4
6AN5
6AN5WA
6AN5WA-JAN
6AN6
6AN8A
6AQ4/EC91
6AQ5A-10M
6AQ5A/6HG5
6AQ5W/6005
6AQ6
6AQ7GT
6AQ8-10M
6AQ8/ECC85
6AR11
6AR5
6AR6
6AR6WA/6098
6AR8
6AS11
6AS5
6AS6
6AS6W/5725
6AS7G
6AS7GA
6AS8
6AT6
6AT8A
6AU4GTA
6AU5GT
6AU6A
6AU6A-10M
6AU6WB
6AU6WC-JAN
6AU7
6AU8A

type

6AV11
6AV5GA
6AV6
6AW8A
6AX3
6AX4GTB
6AX5GT
6AX8
6AY11
6AY3B/6BS3A
6AZ8
6B10
6B4G
6B8
6BA11
6BA6
6BA6-10M
6BA6W/5749
6BA7
6BA8A
6BC4
6BC5/6CE5
6BC7
6BC8/6BZ8
6BD11
6BD6
6BD7A/EBC81
6BE3/6BZ3
6BE6
6BE6-10M
6BE6W/5750
6BF11
6BF5
6BF6
6BF7W
6BF8
6BG6GA
6BH11
6BH3
6BH6

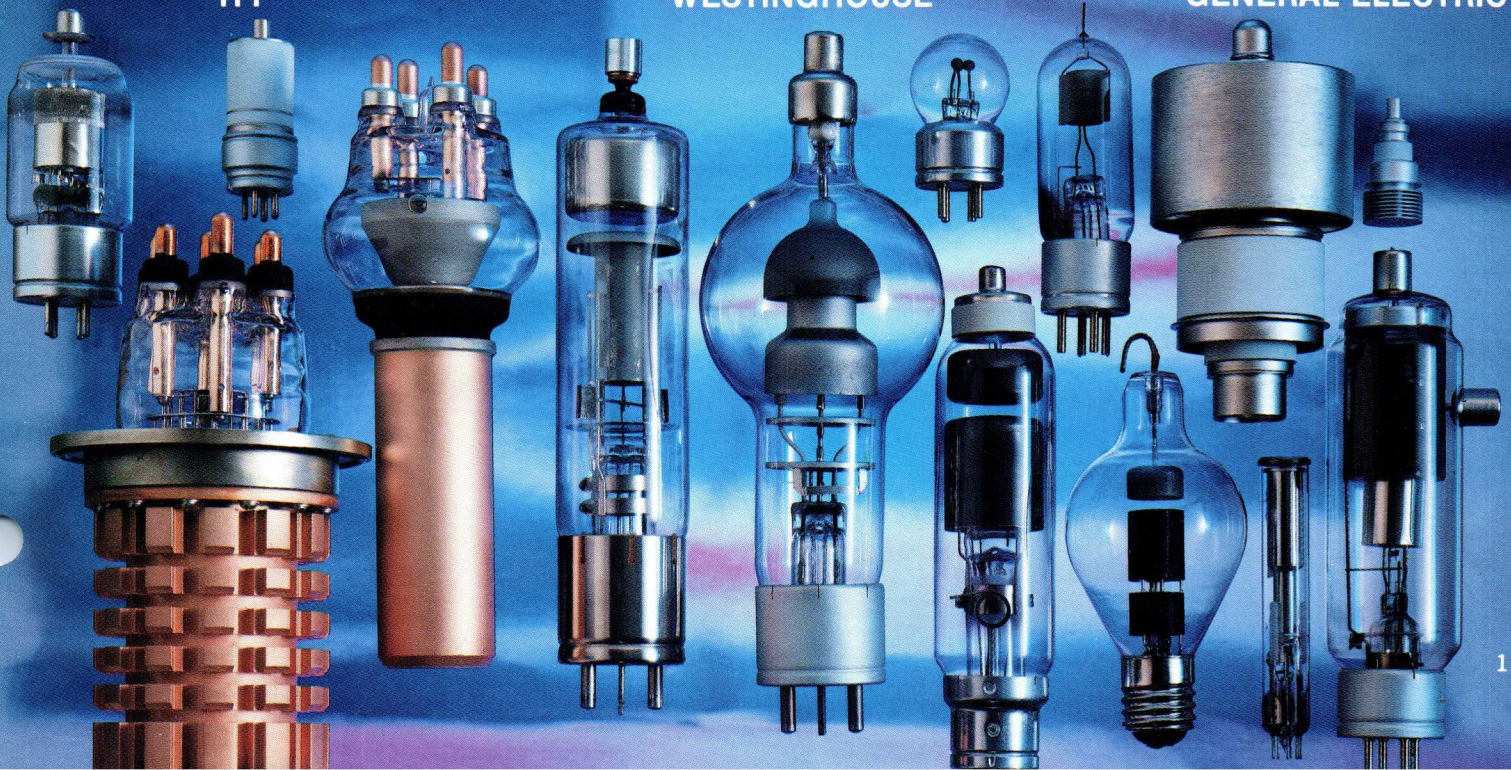
type

6BH8
6BJ3
6BJ6
6BJ7
6BJ8
6BK4C/6EL4A
6BK5
6BK7B
6BL6
6BL7GTA
6BL8-10M
6BL8/ECF80
6BM6
6BM6A
6BM8/ECL82
6BN11
6BN4A
6BN6/6KS6
6BN8
6BQ5-10M
6BQ5/EL84
6BQ5/EL84MP
6BQ6/6CU6
6BQ7A/6BZ7
6BR3
6BR5/EM80
6BR7
6BR8A/6FV8
6BS3A/6AY3B
6BS7
6BS8
6BT4/EZ40
6BU8/6GS8
6BV11
6BV7
6BV8
6BW11
6BW4
6BW6
6BW7

ITT

WESTINGHOUSE

GENERAL ELECTRIC



INDUSTRIAL - RECEIVING & SPECIAL PURPOSE VALVES

type

6BW8
6BX6/EF80
6BX7GT
6BY11
6BY5GA
6BY6
6BY7/EF85
6BY8
6BZ3
6BZ6
6BZ7/6BQ7A
6BZ8
6C10
6C21
6C4
6C4-10M
6C4W
6C4WA/6100
6C5
6C6
6C8G
6C9
6CA4/EZ81
6CA5
6CA7-10M
6CA7/EL34
6CA7/EL34MP
6CB5A
6CB6A/6CF6
6CD3/6CE3
6CD6GA
6CE3
6CE5/6BC5
6CF6/6CB6
6CG3
6CG7/6FQ7
6CG8A
6CH3
6CH6/EL821
6CH8
6CJ3/6DW4B
6CJ5/EF41
6CJ6/EL81
6CK3
6CK4
6CK5/EL41
6CK6/EL83
6CL3
6CL6
6CL8A
6CM3
6CM4/EC86
6CM5/EL36
6CM6
6CM7
6CM8
6CN7
6CQ4/6DE4
6CQ6/EF92
6CQ8
6CR6
6CS6
6CS7
6CT7/EAF42
6CU5
6CU6/6BQ6
6CU7/ECH42
6CU8
6CV7/EBC41
6CW4

type

6CW5-MP
6CW5/EL86
6CW7/ECC84
6CX8
6CY5
6CY7
6CZ5
6D10
6D4
6D6
6DA4/6DM4
6DA5/EM81
6DA6/EF89
6DB5
6DC6
6DC8/EBF89
6DE4/6CQ4
6DE6
6DE7
6DG6
6DJ8-10M
6DJ8/ECC88
6DK3
6DK6
6DL3
6DL4/EC88
6DL5/EL95
6DM4/6DA4
6DN3
6DN6
6DN7
6DQ3
6DQ5
6DQ6B/6GW6
6DR7
6DR8/EBV83
6DS4
6DS5
6DS8/ECH83
6DT3/6DQ3
6DT5
6DT6A
6DT8
6DV4
6DW4B/6CJ3
6DW5
6DX8/ECL84
6DZ4/6AF4A
6E5
6EA4/6EH4
6EA5
6EA7/6EM7
6EA8
6EB8
6EC4
6EF4/6EJ4A
6EH4/6EA4
6EH5
6EH7-10M
6EH7/EF183
6EH8
6EJ4A
6EJ7-10M
6EJ7/EF184
6EL4A/6BK4C
6EM5
6EM7/6EA7
6EN4
6EQ7
6ER5/EC95

type

6ES5
6ES8/ECC189
6ET6/EF98
6ET7
6EU7
6EU7-10M
6EU8
6EV5
6EV7
6EW6
6EW7
6EY6
6EZ5
6EZ8
6F17
6F4
6F5
6F6
6F6GT
6F7
6F8G
6FA7
6FD6
6FD7
6FG5
6FG6/EM84
6FG7
6FH5
6FH8
6FJ7
6FM7
6FM8
6FQ5A/6GK5
6FQ7/6CG7
6FS5
6FV6
6FV8/6BR8A
6FW5
6FY5-10M
6FY5/EC97
6FY7
6G11
6G45
6G5/6U5
6G58
6G6G
6GB5/EL500
6GC5
6DG7
6GE5
6GF5
6FG7A
6GH8A
6GJ5A
6GJ7/ECF801
6GK5/6FQ5
6GK6
6GL7
6GM5
6GM6
6GM8/ECC86
6GN8
6GQ7
6GS7
6GS8/6BU8
6GT5A
6GU5
6GU7
6GV5
6GV8/ECL85

type

6GW6/6DQ6B
6GW8/ECL86
6GX6/6GY6
6GX7
6GY5
6GY6/6GX6
6GY8
6GZ5
6H6
6H6WGT
6HA5/6HM5
6HAB/6HB6
6HB5
6HB6/6HA6
6HB7
6HD7
6HE5/6JB5
6HF5
6HF8
6HG5/6AQ5A
6HG8/ECF86
6HJ5
6HJ7
6HJ8
6HK5
6HL8
6HM5/6HA5
6HM6
6HQ5
6HR5
6HR6
6HS5
6HS6
6HS8
6HT6
6HU6/EM87
6HV5A
6HW8
6HZ6
6HZ8
6J10/6Z10
6J11
6J4
6J4WA
6J5
6J5GT
6J5WGT
6J6A
6J6WA/6101
6J7
6J9
6JA5
6JA8
6JB5/6HE5
6JB6A
6JC6A
6JC8
6JD5
6JD6
6JE6C/6LQ6
6JE8
6JF6
6JG5
6JG6A
6JG5
6JH6
6JG8
6JK5
6JK6
6JK8

type

6JM6
6JN6
6JN8
6JQ6
6JR6
6JS6C
6JT6
6JT8
6JU6
6JU8A
6JV8
6JW8/ECF802
6JX8/ECH84
6JZ6
6JZ8
6K11/6Q11
6K6GT
6K7
6K8
6KA8
6KD6
6KD8/6U8A
6KE8
6KG6/EL505
6KL8
6KM6
6KM8
6KN6
6KN8
6KR8
6KS6/6BN6
6KT6
6KT8
6KU8
6KV6A
6KV8
6KY8A
6KZ8
6L6GC
6L6METAL
6L6WGA/5932
6L6WGB-JAN
6L7
6LB6
6BL8
6LC8
6LE8
6LF6
6LF8
6LJ6/6LH6A
6LJ8
6LM8
6LN8
6LQ6/6JE6C
6LQB
6LR6
6LR8
6LT8
6LU8
6LW6
6LX6
6LX8/LCF802
6LY8
6M11
6MA6
6MB8
6MD8
6ME6
6ME8
6MF8

INDUSTRIAL - RECEIVING & SPECIAL PURPOSE VALVES

type	type	type	type	type
6MG8	6X4W	7235	7590	785KAL
6MJ6	6X4WA/6202	7236	7591A	7861
6MJ8	6X5GT	7237A	75B1	7866/KU274
6MK8	6X5WGT	7239	75C1	7867
6ML8	6X8A	7241	75TH	7868
6MN8	6X9/ECF200	7242	75TL	7890
6MQ8	6Y6	7246	76	7895
6MU8	6Y9/EFL200	7247	7603	7898
6MV8	6Z10/6J10	7247-10M	7609	7900
6N3/EY82	6Z4/84	724B	7621/KU70C	7903
6N7	7007/6166A	7255	7625	7904
6N7GT	7014/604	7258	7643/E80CF	7905
6N8/EBF80	7015/604L	725A	7644	7910
6Q11/6K11	7016/606	7262A	7645	7979
6Q4/EC80	7017/606L	7263A	7650	7980/83A1
6Q5G	7018/615	7265	7651	7983
6Q7	7019/635	7266	7665/KU72	7984
6R3/EY81	7020/635L	7269	7667/KU74	7986/5866A
6R4/EC81	7021/714	726C	7669	7A4
6R7	7022/740L	7271	7670	7A5
6R8	7023/760L	7289/3CX100A5	7671	7A6
6S2A/EY87	7025	7296	7673	7A7
6S4A	7025-10M	7297/23052	7681	7A8
6S7	7027A	7306/C3JA	7687	7ABP14A
6S8GT	7034/4X150A	7307/710	7693	7ABP7A
6SA7	7035/4X150D	7308/E188CC	7694	7AG7
6SA7GT	7036	7316	7695	7AK7
6SB7Y	7038	7320E84L	7698	7AN7/PCC84
6SC7	7038V	7321/C6J/L	7698R	7AU7
6SD7	703A	7322	7699	7B4
6SF5	7044	7355	7701	7B5
6SF5GT	7054/8077	7360	7703	7B6
6SF7	7055	7363	7710/Z70U	7B7
6SG7	7056	7370	7716	7B8
6SH7	7057	7377	7717	7BP7A
6SJ7	7058	7378	7719	7C23
6SJ7GT	7059	7390	7720	7C24/5762
6SJ7WGT	7060	7390A	7721/D3A	7C25
6SK7	7061	7391	7722/E280F	7C5
6SK7GT	7062/E180CC	7403	7724	7C6
6SK7/WA/6137	7077	7408	7725	7C7
6SL7GT	7092	7410	7730	7CP1
6SL7WGT	7094	7457	7731	7DJ8/PCC88
6SN7GTB	7102	7459	7732	7ES8/PCC189
6SN7WGT	710A/7725	7480A	7733	7EY6
67SN7WGTA	7117	7482	7734	7F7
6SQ7	7119/E182CC	7486	7735	7F8
6SQ7GT	7136	75	7735A	7GS7
6SR7	7137	7509A/710L	7735A-RCA	7GV7/PCF805
6SU7GTY/6188	715C	750TL	7735B	7H57
6T10	7167	7518/710L	7737/E186F	7H7
6T4	7171	7527A	7738	7HG8/8HG8/PCF86
6T8A	7178/KU53	7534	7753	7JP1/7VP1
6T9	717A	7543	7757	7JP7
6U10	7183A	7548	7768	7K7
6U3/EY80	7189-MP	7551	7782/KU71	7KY6/9KX6
6U5/6G5	7189A	7552	7786/660L	7MP7
6U8A-10M	7190	7553	7786NE	7N7
6U8A/6KD8	7191	7554	7788/E810F	7Q7
6U9/ECF201	7199	7556A/C3J/AL	7801	7S7
6V3A	72	7558	7802	7TP4
6V4/EZ80	7203/4CX250B	7560	7802WA	7V7
6V6GT	7204/4CX250F	7560V	7804	7VP1/7JP1
6V6GTY	7209	7568	7805	7VP31
6V6METAL	7211	7580W/4CX250R	7815AL	7X6
6V8	7212/6146W	7581A	7815R	7X7
6W4GT	7213	7583/KU82	7841	7Y4
6W6GT	7214	7586	7843	7YP2
6X2/EY51	7233	7587	7851	7Z4
6X4	7234	7588	7854	80

INDUSTRIAL - RECEIVING & SPECIAL PURPOSE VALVES

type	type	type	type	type
8000	8252W/4PR60C	8613	8AW8A	934
8005	8254	8621/4CX250FG	8B10	935
8008	8255/E88C	8624	8B8	954
8008AX	826	8627	8BA11	955
8013A	8264/KU52	8637	8BA8A	956
801A	8269	864/VT24	8BM11	957
8020	8270	8643	8BN11	958A
8020W	828	8647	8BN8	959
8025A	8281	8653/7191H	8BQ11	991
803	8295A/PL172	866A	8BQ5/XL84	9A8/PCF80
8032A/8552	8298A/6146B	866AX	8BU11	9AH9
8037/5031	829B	866JR	8C25A	9AK8/PABC80
8042/4652	83	8670A	8CB11	9AQ8/PCC85
8049	830B	868	8CG7/8FQ7	9AU7
805	8329	8683	8CM7	9BJ11
8053	832A	869B	8CN7	9BR7
8054	8334/1218A	869BL	8CP31	9EA8
8055	833A	872A	8CS7	9GH8A
8056	8354	872AX	8CW5/XL86	9GV8/XCL85
8058	836	873	8CX8	9JW8
8068	837	874	8EB8/8GN8	9KC6
807	8376	8741	8EM5	9KX6/7KY6
8070	838	8753	8ET7	9KZ8
8072	8393	8758A	8FQ7/8CG7	9LA6
8077/7054	83A1/7980	8765/KU71Z	8GJ7/PCF801	9ML8
807W/5933	84/6Z4	8791	8GN8/8EB8	9MN8
8081	8416	8791/V1	8GU7	9SP4
8082	8417	8792/V1	8HG8/PCF86	9U8A
8083	8425A/6AU6A	8793	8HP4	9V9/PCH200
809	8426A/12AU6	8794	8JU8A	9WP4
810	8436/EC158	880/5658	8JV8	9YP4/230MB4
8102	8438/4-400A	8806	8KA8	A2426
8106	8445	8807	8KP4	AH205
8116A	8446	8823	8KR8	AH211A
8117A	8448	8828	8LC8	AH221
811A	845	884	8LT8	AH238
8121	8457	8844	8NP4	AH2511
8122	8458	885	8XP4	ASG5017
812A	845W	8867	9001	ASG5044B
813	8462	8873	9002	ASG5045B
8134	8480	8874	9003	ASG5544
8136	8501	8875	9004	ASG5545
814	8503	8877	9005	ASG6807
815	8505A	8890	9006	AX9902/5868
8156	8507	889A	9007	AX9903/5894
816	8507A	889RA/5667	902A	AZ41
8161	8509	89/89Y	90AG	B1153
8161R	8532	8906AL	90AV	BC4532
8162/3CX3000F7	8533	8906RAL	90C1	BC4809
8163/3-400Z	8541	8907	90NB3	BC4809B
8164/3-1000Z	8541A	8907AL	90NB4	BC7735
8165/4-65A	8552/6883B	8908	912NB3	BC8134
8166/4-1000A	8553/KU72Z	891	917	BC8134B
8167S/4CX300A	8556/EC8010	8916	918	BC8480
8168/4CX1000A	8560A	891R	919	BC8507
8169/4CX3000A	8560AS	892	920	BK448
8170/4CX5000A	8575	8929	921	BK46
8170W	8576/264	892R	922	BK476
8171	8577	8950	923	BK482
8203	8579	8977	924	BK484
8223/E288CC	857B	8986	925	BK486
8226	8580	8988	926	BK488
8228/ZZ1000	8593	8990	927	BK492
8233/E55L	8595	8A8/9A8/PCF80	929	BK494
8236	8596	8AC10	92AV	BK500
8238	8597	8AC9	930	BK502
8239	85A1/OE3	8AL9	931A	BK508
8245/4CX250K	85A2/OG3	8AR11	931B	BK544
8251	85A3	8AU8	931VA	BK5822A
8252/4PR60B	8608	8AV11	932/1229	BK66

INDUSTRIAL - RECEIVING & SPECIAL PURPOSE VALVES

type	type	type	type	type
BL696	CE4C	E83F/6689	EL3C/L	FG95/5560
BL803/6781	CE4CWB	E84L/7320	EL41/6CK5	FG97
BLK829	CE63V	E88C/8255	EL42	FG98A
BLM311	CE65V	E88CC/6922	EL6B	FX2505
BLT-088/MXT92	CE75V	E90CC/5920	EL6B/L	FX2519A
BLT101/MXT125	CE84R	E91H/6687	EL6C/670A	FX2535
BR1162	CE86C	E92CC	EL6F	GB1252/6U8A
BR1165	CEA30	EA50/2B35	EL81/6CJ6	GB6BQ7A
BS918	CEA30A/B	EA52/6923	EL82	GB6DJ8
BT-17	CEA59RX	EA53	EL83/6CK6	GC10/48
BT5-B	CEA95	EAA91	EL84/6BQ5	GC10B
BTL018	CEB25C	EABC80/6AK8	EL84/6BQ5-MP	GC10D
BTR-547	CEE34	EAC91	EL86/6CW5	GL414
BW1162	CK1006	EAF801	EL91/6AM5	GL415/5550
BW1165	CK1026	EAM86	EL95/6DL5	GS10C/S
BX1000	CK502AX/2E36	EB34	EM84/6FG6	GS10D
BX4000	CK510AX	EB41	EMB20	GV12
C1112	CK512AX	EBC33	EMM801	GV3A-900
C1136	CK518AX	EBF80/6N8	EY80/6U3	GV3B-600
C1148	CK522AX/6088	EBF83/6DR8	EZ40/6BT4	GV6A-900
C1149	CK526AX	EBF89/6DC8	EZ80/6V4	GXU1
C1166	CK533AX	EC158/8436	EZ81/6CA4	GXU2
C16H	CK534AX	EC55/5861	EZ90/6X4	GXU3
C16J/5665	CK539DX	EC80/6Q4	F103	GXU4
C178A	CK547DX	EC86/6M4	F1086	GZ34/5AR4
C1A	CK54BDX/6418	EC88/6DL4	F1090	GZ37
C1B/3C31	CK549DX/6419	ECC32	F1096/6-1	HCC85/17EW8
C1J/A/5683	CK571AX/5886	ECC33	F1099	HCH81/12AJ7
C1K/6014	CK573AX/6029	ECC40	F1130	HF300/T300
C3J/5632	CK587	ECC808	F1146/4629	HP45B
C3J/A/5684	CK6088/CK522AX	ECC81/12AT7	F1182/4600A	KT66
C3J/AL/7556A	CX114/F133	ECC82/12AU7A	F133/CX1140	KT66-MP
C3J/L	CX1159/F183	ECC83/12AX7A	F183/CX1159	KT88
C4H-2	D3A/7721	ECC85/6AQ8	F5874A	KT88-MP
C4H-3	DC90	ECC86/6GM8	F6691	KU17
C6A	DC96	ECC88/6DJ8	F6692	KU17A
C6H-1	DCG4-1000G	ECF80/6BL8	F6800A	JU23/T300
C6H-2	DCG6-18	ECF82/6U8A	F6801	KU471
C6H-3	DCG7-100	ECF83	F6803	KU472
C6J	DCG7-100A	ECH35	F6804	KU473
C6J/F/6860	DCX4-1000	ECH81/6AJ8	F6926J	KU474
C6J/K	DM160/6977	ECH83/6DS8	F7012	KU52/8264
C6J/KF	DR2000	ECL80/6AB8	F7207A	KU53/7178
C6J/KL	DR2010	ECL82/6BM8	F7532	KU610
C6J/KP	DR2020	ECL83	F7779	KU676
C6J/L	DR2030	ECL85/6GV8	F8104	KU70C/7621
C6J/P	DR2100	ECL86/6GW8	F8104J	KU71/7782
C6JA/5685	DR2110	EF37A	F8014R	KU71Z
C6L/5528	DR2120	EF39	F8131	KU72/7665
C6M	DR2130	EF40	F8132	KU72Z/8553
CE1-A/B	DR2200	EF42	F8146A	KU74/7667
CE1C	DR2210	EF50	F8147A	KU74B
CE203	DR2220	EF55	F8207J	KU82/7583
CE206	DR2230	EF80/6BX6	F8208	KU99
CE213A	DX332	EF800	F8333	KX642
CE23C	E180CC/7062	EF804	F8386N	KY21A
CE25A/B	E180F/6688	EF85/6BY7	F8388	L3431A
CE25C	E182CC/7119	EF86/6257	F8494	L3654A
CE25VA/B	E186F/7737	EF89/6DA6	F8550	L3890A
CE25VC	E188CC/7308	EF94/6AU6A	FG104/5561	L5001A
CE29R	E280F/7722	EFP60	FG105	L5047
CE2C/CE2D	E288CC/8223	EL1C/3B22	FG154	L5211
CE2D/CE2C	E37B/5957	EL31	FG17/5557	M8083/6064
CE30C	E55L/8233	EL33	FG172	ML100/5575
CE30V-A/B	E80CC/6085	EL34/6CA7	FG280	ML102A
CE34Q	E80CF/7643	EL34/6CA7MP	FG32/5558	ML200/5576
CE34R	E80F/6084	EL360	FG33/5720	ML5531
CE34WB	E80L/6227	EL37	FG57/5559	ML5541
CE36C	E810F/7788	EL3B/6013	FG57/5728	ML8534
CE3C	E81L/6686	EL3C	FG81A	ML8536

INDUSTRIAL - RECEIVING & SPECIAL PURPOSE VALVES

type	type	type	type	type
MLEE58L/Y-503	NL623	OE3/85A1	TH7040/1	VA259 + TUNER
MXT125/BLT101	NL625	DG3/85A2	TH7050	VA287A
NL1005A	NL627	ORP90	TH7051	VA287B
NL1009A	NL635P	OZ4	TH9084	VA287C
NL1011A	NL643	P8037	TH9806PA	VA287D
NL1012A	NL649/5834	P8038	TH9807PA	VA508A
NL1013A	NL6512	P8038B	TH9813	VA508E
NL1016A	NL6513	P8124	TL6011	VA92
NL1022A	NL653/5835	P8125	TQ2	VA92B
NL1031	NL660	P8125B	TQ2/3	VA92C
NL1032A	NL660L/7786	P831	TS876C/TJ880	VA97
NL1036	NL660P	PCC189/7ES8	UABC80	VG1A
NL1037	NL664L	PCF805/7GV7	UCC85	VJW7310
NL1038	NL678	PCL83	UF42	VJW7311
NL1051A	NL6844A	PL172/8295A	UF85	VJW7312
NL1051D	NL688	PL177WA	UF89	VLS631
NL1052A	NL7009	PL254W	USS308	VMX1025
NL1052D	NL7037	PL36/25E5	UXCV11	VR105/OC3
NL1053A	NL7094	QKK1235	V-58	VR150/OD3
NL1054A	NL710/6011	QKK1289	V-58C	VR75/OA3
NL1059A	NL710L/7509A	QKK1313	V153/6315	VR90/OB3
NL1061	NL714	QKK1315	V260/6310	VRJ-7203A/459A
NL1062	NL7153	QKK1459	V262	VRJ2719A
NL1063	NL716	QKK381	V53B	VRJ7219B
NL1064	NL718	QKK404	V53C	VRX-7204A/457A
NL1069	NL734	QKK531	V55	VRX-7204B/445A
NL1071	NL734L	QKK532	V55B	VRX7221A
NL1073	NL740/6856	QKK549	VA113	VRX7221C
NL1074	NL740L/7022	QKK623	VA114	VRX7221D
NL1079	NL740P/6857	QKK752	VA115	VS-2
NL1081	NL741	QKK753	VA203B/6975	VX41A/5800
NL1082	NL760/6858	QKK754A	VA204	W3/2GC
NL1091	NL760L/7023	QKK755A	VA217D	W3/2GR
NL1092	NL760P/6859	QKK756	VA218	W5/4G
NL1092P	NL770L	QKK758A	VA218B	W7/6GC
NL35329	NL770P	QKK759A	VA220A	WL207
NL37248	NL7723/610	QKK822	VA220B	WL22789
NL5025	NL7723NE	QKK826	VA220C	WL23029/857B
NL5032	NL780	QKK860	VA220D	WL23052/7297
NL5094	NL7977/4032	QKK910	VA220E	WL23728
NL5440	NL809	QKK965	VA220F	WL23791
NL5440A	NL8091	QS150/15	VA220G	WL579B
NL5441	NL840/8754	QU37	VA221A	WL5889/5860
NL5441A	NL841	R1130B/1B59	VA221B	WL624
NL5442	NL842	R1131C	VA221C	WL627
NL5445	NL8421/5092	R1168	VA221D	WL629
NL5448	NL8422/5991	R1169	VA221E	WL677
NL5560/918	NL8423/6091	RG4-3000	VA221F	WL759
NL5750S	NL843	RM117	VA221G	WL762
NL5853S	NL848	RT434/6481	VA221H	WL765A
NL5859S	NL900	RX21A	VA221K	X-12
NL5866S	NL905	S4075	VA222A	X-13
NL5870L	NL940CS	S4076	VA222B	X-13B
NL5870S	NL950CS	SAL89/8493	VA222C	X-13C
NL5870ST	NLC6C	SAL89A/2911	VA222D	X-26B
NL5961	OA2	SGR1	VA222E	X-26D
NL5971	OA2WA/6626	SN4	VA222F	X-26E
NL5992	OA3/VR75	T160L/572B	VA222G	X-26F
NL5998	OA3A	T200/HF200	VA244A	XG1-2500
NL6034	OA4G	TD03-10E	VA244B	XL84/8BQ5
NL604L/7015	OB2	TE10/5993	VA244C	XR1-3200
NL606/7016	OB2WA/6627	TH5221B	VA244E	XR1-6400
NL606L/7017	OB3/VR90	TH6031	VA259A	Z70U/7710
NL6091/8423	OC2	TH6220	VA259 + TUNER	ZM1000
NL610/7723	OC3/VR105	TH7010	VA259B	ZM1001
NL615/7018	OC3A	TH7020/1	VA259B + TUNER	ZM1005
NL616	OC3W	TH7030/1	VA259C	ZM1030
NL617	OD3/VR150	TH7033	VA259C + TUNER	ZM1032
NL619	OD3A	TH7036	VA259E	ZT1011
NL6228	OD3W	TH7037	VA259E + TUNER	ZZ1000/8228

EUROPEAN VALVES

type	type	type	type	type
AZ41	EBF89/6DC8	EF37A	EL505/6KG6	LY88/20AQ3
D3A/7721	EC86/6CM4	EF39	EL821/6CH6	PABC80/9AK8
DAF91/1S5	EC88/6DL4	EF40	EL822	PC900/4HA5
DC90	EC90/6C4	EF41/6CJ5	EM80/6BR5	PCC84/7AN7
DL92/3S4	EC91/6AQ4	EF42	EM81/6DA5	PCC85/9AQ8
DL94/3V4	EC92/6AB4	EF50	EM84/6FG6	PCC88/7DJ8
DM70/1M3	EC95/6ER5	EF55	EM87/6HU6	PCF80/9A8
DM71/1N3	EC97/6FY5	EF80/6BX6	EMM801	PCF86/8HG8
DY87/1S2A	EC900/6HA5	EF83	EY81/6R3	PCF801/8GJ7
E55L/8233	EC8010/8556	EF86/6267	EY82/6N3	PCL82/16A8
E80CC/6085	ECC32	EF89/6DA6	EY84/6374	PCL83
E80CF/7643	ECC33	EF91/6AM6	EY87/6S2A	PCL84/15DQ8
E80F/6084	ECC35	EF92/6CQ6	EY88/6AL3	PCL85/18GV8
E80L/6227	ECC40	EF93/6BA6	EZ35/6X5GT	PCL86/14GW8
E80T/6218	ECC81/12AT7	EF94/6AU6A	EZ41	PFL200/16Y9
E81L/6686	ECC82/12AU7A	EF95/6AK5	EZ80/6V4	PL21/2D21
E83F/6689	ECC83/12AX7A	EF98/6ET6	EZ81/6CA4	PL36/25E5
E84L/7320	ECC84/6CW7	EF183/6EH7	EZ90/6X4	PL81/21A6
E88C/8255	ECC85/6AQ8	EF184/6EJ7	GZ32/5AQ4	PL84/15CW5
E88CC/6922	ECC86/6GM8	EF802	GZ34/5AR4	PL500/27GB5
E90CC/5920	ECC88/6DJ8	EF804	GZ37	PY88/30AE3
E92CC	ECC91/6J6A	EFL200/6Y9	HBC90/12AT6	UBF89/19FL8
E180F/6688	ECC189/6ES8	EH90/6CS6	HCC85/17EW8	UCC85
E182CC/7119	ECF80/6BL8	EK90/6BE6	KT66	UCH81/19D8
E186F/7737	ECF82/6U8A	EL33	KT66 MP	UCL82/50BM8
E280F/7722	ECF83	EL34/6CA7	KT77	UF41/12AC5
E282F	ECF86/6HG8	EL36/6CM5	KT77 MP	UF85
E288CC/8223	ECF200/6X9	EL37	KT88	UF89
EAA91	ECF201/6U9	EL41/6CK5	KT88 MP	UL41/45A5
EABC80/6AK8	ECF801/6GJ7	EL42	LC900/3HA5	UL84/45B5
EAC91	ECF802/6JW8	EL81/6CJ6	LCF80/6LN8	XC900/2HA5
EAF42/6CT7	ECH35	EL82/6DY5	LCF201/5U9	XCF80/4BL8
EB41	ECH42/6CU7	EL83/6CK6	LCF801/5GJ7	XCF86/5HG8
EB91/6AL5	ECH81/6AJ8	EL84/6BQ5	LCF802/6LX8	XCF801/4GJ7
EBC33	ECH83/6DS8	EL86/6CW5	LCL84/10DX8	XCL585/9GV8
EBC41/6CV7	ECL80/6AB8	EL90/6AQ5A	LF183/4EH7	XF183/3EH7
EBC81/6BD7A	ECL82/6BM8	EL91/6AM5	LF184/4EJ7	XF184/3EJ7
EBC90/6AT6	ECL83	EL95/6DL5	LFL200/11Y9	XL86/8CW5
EBC91/6AV6	ECL84/6DX8	EL360	LL86/10CW5	XL500/13GB5
EBF83/6DR8	ECL86/6GW8	EL500/6GB5	LL500/18GB5	XY88/16AQ3

AMPERITE

Thermostatic Delay Relays: available in 2 to 180 seconds delay.
Ballast Regulating Valves: current values of 60ma to 5 amperes.

EIMAC POWER VALVE ACCESSORIES

type	type	type	type	type
Connectors	Finger Stock	Chimneys	Sockets	Sockets (continued)
HR-1	CF-100	SK306	SK300A	SK610A
HR-2	CF-101	SK406	SK400	SK630A
HR-3	CF-200	SK416	SK410	SK655
HR-4	CF-300	SK506	SK500	SK660
HR-5	CF-400	SK516	SK510	SK711A
HR-6	CF-500	SK606	SK600	SK800B
HR-7	CF-600	SK626	SK600A	SK1300
HR-8	CF-700	SK806	SK602	SK1920
HR-9	CF-800	SK1306	SK602A	SK2200
HR-10	CF-900	SK2216	SK610	SK2210

SILICON CONTROLLED RECTIFIERS

NATIONAL

type

C290/C291A
C290/C291B
C290/C291C
C290/C291D
C290/C291E
C290/C291M
C290/C291N
C290/C291P
C290/C291PA
C290/C291PB
C290/C291S
C290/C291T
C350B
C350C
C350D
C350E
C350M
C350N
C350P
C350PA
C350PB
C350PC
C350S
C350T
C380A
C380B
C380C
C380D
C380E
C380M
C380N
C380P
C380PA
C380PB
C380PC
C380S
C380T
C390B
C390C
C390D
C390E
C390M

type

C390N
C390P
C390PA
C390PB
C390PC
C390S
C390T
C430B
C430C
C430D
C430E
C430M
C430N
C430P
C430PA
C430PB
C430PC
C430S
C430T
C431E
C431M
C431N
C431P
C431PA
C431PB
C431PC
C431PD
C431PE
C431PM
C431PN
C431PS
C431S
C431T
C450B
C450C
C450D
C450E
C450M
C450N
C450P
C450PA
C450PB

type

C450PC
C450PD
C450S
C450T
C451B
C451D
C451E
C451M
C451N
C451P
C451PA
C451PB
C451PC
C451PD
C451PE
C451PM
C451PN
C451PS
C451S
C451T
C501L
C501LA
C501M
C501P
C501PB
C501PC
C501PD
C501PE
C501PM
C501PN
C501PS
C501PT
C601L
C601PB
C601PM
C601PN
C601PS
C601PT
C602L
C602LA
C602LB
C602LC

type

C602LD
C602LE
C602LM
C602PS
C701L
C701LA
C701PM
C701PN
C701PS
C701PT
1580M

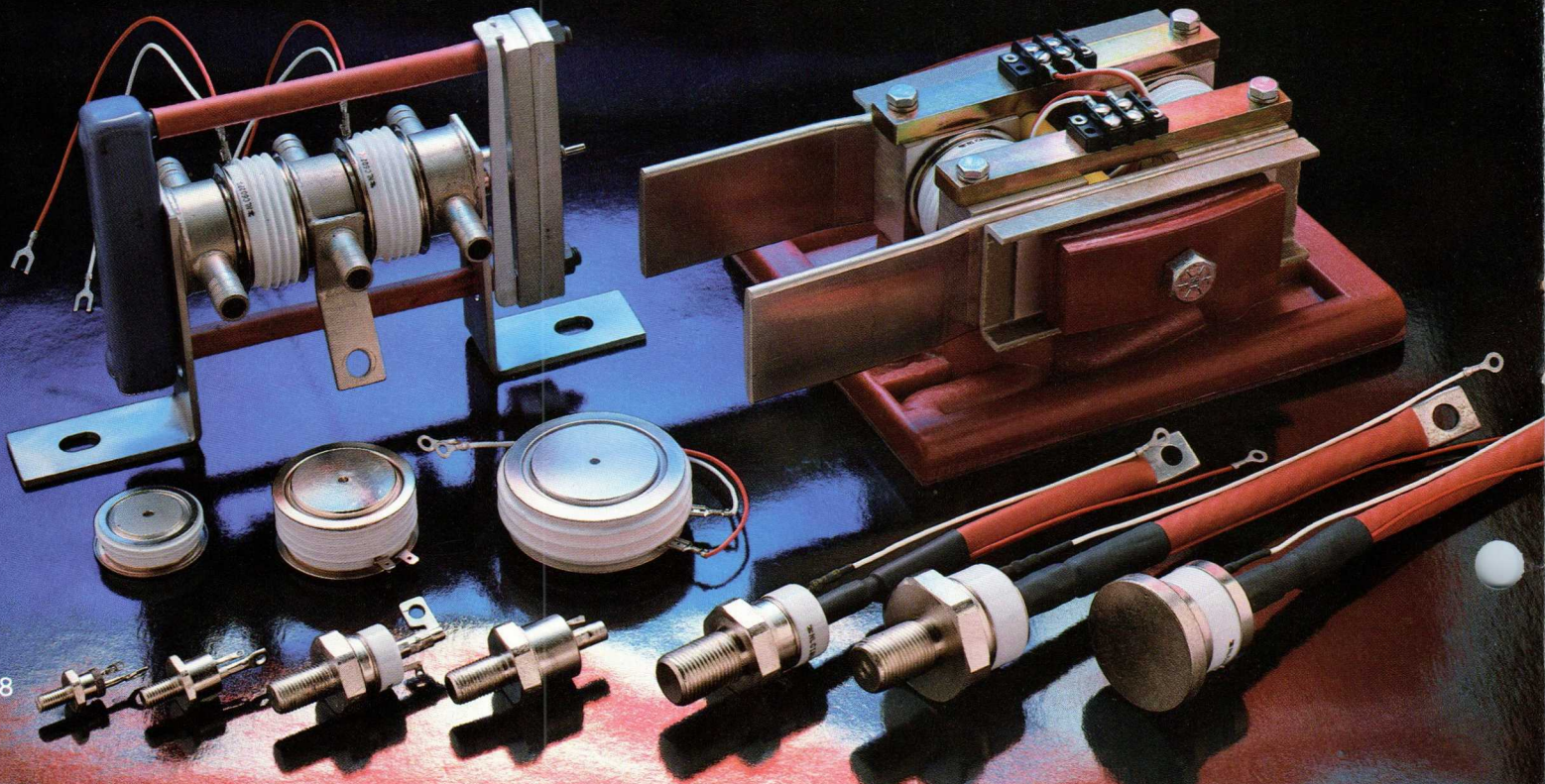
type

1580N
1580P
1580PA
1580PB
1580PC
1580PD
1580PE
1580PM
1580PS
1580S
1580T

HEATSINK ASSEMBLIES

C380M HS6
C380N HS6
C380P HS6
C380PA HS6
C380PB HS6
C380PC HS6
C380S HS6
C380T HS6
C451M HS27
C451N HS27
C451P HS27
C451PA HS27
C451PB HS27
C451PC HS27
C451PD HS27
C451PE HS27
C451PM HS27
C451PN HS27
C451PS HS27
C451S HS27
C451T HS27
C501N HS1
C501P HS1
C501PA HS1
C501PB HS1
C501PC HS1

C501PD HS1
C501PE HS1
C501PM HS1
C501PS HS1
C501S HS1
C501T HS1
C501N HS7
C501P HS7
C501PA HS7
C501PB HS7
C501PC HS7
C501PD HS7
C501PE HS7
C501PM HS7
C501PS HS7
C501S HS7
C501T HS7
C602L HS27
C602LA HS27
C602LB HS27
C602LC HS27
C602LD HS27
C602LE HS27
C602PN HS27
C602PS HS27
C602PT HS27



type

type

type

type

VACUUM VARIABLE CAPACITORS

VACUUM FIXED CAPACITORS

CACA-125-0003
 CACA-125-0005
 CADC-30-15S
 CADD-30-0115
 CMV1-650-0205
 CMV1-1000-0103
 CMV1-4000-0105
 CSV1-500-0005
 CSV1-1000-0005
 CSVF-500-0010
 CSVF-500-0015
 CVCD-500-5S
 CVCD-1000-5S
 CVCD-2000-5S
 CVCD-3000-5S
 CVCJ-1000-3S
 CVCJ-1000-5S
 CVDD-50-15S
 CVDD-100-15S
 CVDD-300-15S
 CVDD-500-15S
 CVDD-1000-7.5S
 CVDD-1000-15S
 CVDP-1500-15S
 CVDP-2300-7.5S
 CVDP-2300-15S
 CVEP-500-20S
 CVEP-1000-10S
 CVEP-1000-20S
 CVEP-500-25S
 CVFP-250-40S
 CVFP-750-40S
 CVFP-1000-40S
 CVFP-1500-35S
 CVFP-2000-30S
 CVHE-650-45S
 CVHE-650-55S
 CVHP-250-55S

CWV1-1000-0040
 CWV1-1000-0050
 CWV2-1600-0030
 CWV2-1600-0040
 ECS-8-15S
 ECS-30-10S
 ECS-30-15S
 GCS-55-7.5S
 GCS-55-15S
 GCS-100-15S
 UCS-200-7.5S
 UCS-200-15S
 UCS-300-7.5S
 UCS-300-15S
 UCS-400-15S
 UCS-500-7.5S
 UCS-500-15S
 UCSB-100-10S
 UCSB-100-15S
 UCSF-250-7.5S
 UCSF-250-15S
 UCSL-250-5S
 UCSL-500-5S
 UCSL-1500-5S
 UCSL-2000-3S
 UCSL-2000-5S
 UCSV-110-10S
 UCSV-110-15S
 UCSX-1000-10S
 UCSX-1000-15S
 UCSXF-1000-7.5S
 UCSXF-1000-15S
 UCSXF-1200-10S
 UCSXF-1500-12S
 UCSXF-2000-10S
 UCSXF-2000-12S
 VMMHC-250-35S
 VMMHC-250-55S

CFDP-2000-7.5S
 CFDP-2000-10S
 CFDP-2000-15S
 CFDS-1000-0010
 CFDS-1000-0012
 CFED-500-10S
 CFED-500-25S
 CFED-750-25S
 CFED-1000-10S
 CFED-1000-25S
 CFFP-2000-25S
 CFFP-2000-35S
 CFHP-450-55S
 CFHP-1000-40S
 CFHP-1000-50S
 CLF1-6-0030
 CLF1-6-0035
 CLF1-12-0030
 CLF1-12-0035
 CLF1-25-0030
 CLF1-25-0035
 CLF1-50-0030
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 CLF1-75-0030
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 CLF1-100-0030
 CLF1-100-0035
 CLF1-150-0030

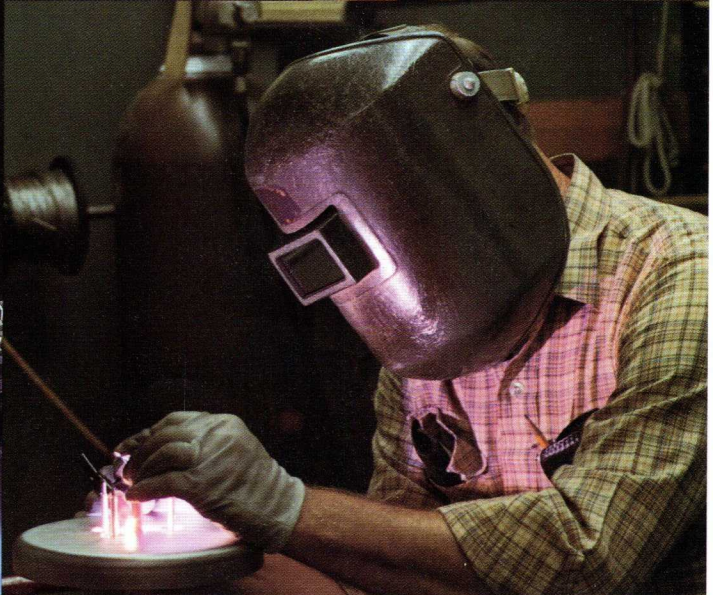
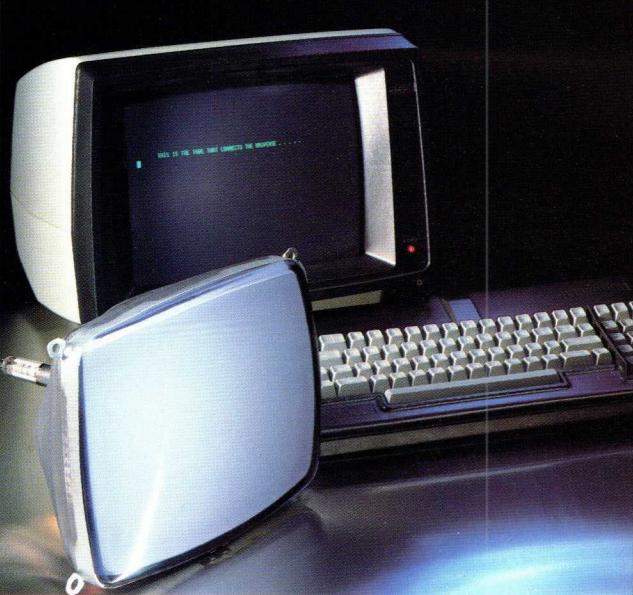
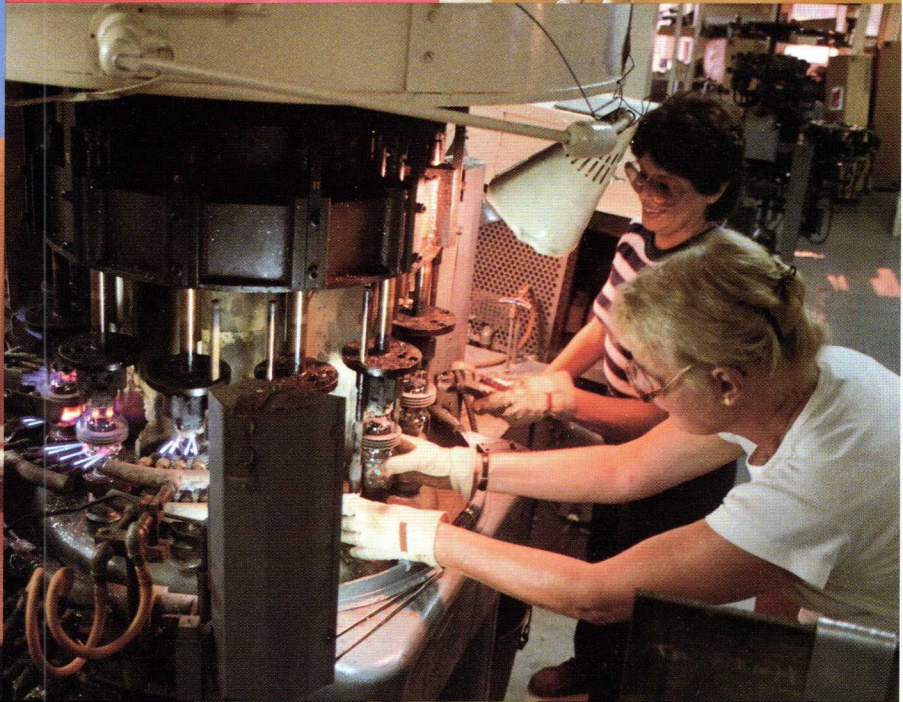
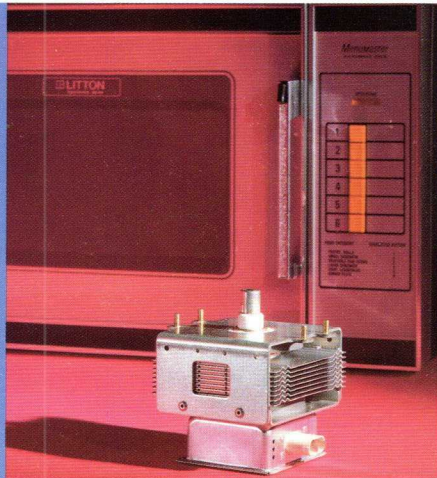
CLF1-200-0030
 CLF1-250-0030
 CY-1-25S
 CY-1-30S
 CY-2-30S
 CY-3-30S
 CY-5-25S
 CY-5-30S
 JCS-400-15S
 JCS-500-7.5S
 JCS-500-15S
 JCSF-25-7.5S
 JCSF-25-15S
 JCSF-40-15S
 JCSF-50-7.5S
 JCSF-50-15S
 JCSL-1500-5S
 JCSL-2000-5S
 MC-1000-10S
 MC-1000-20S
 MC1-1000-10S
 MC1-1000-15S
 MLC-500-30S
 MLC-750-30S
 MLC-1000-30S
 MMC-1500-15S
 MMC-2000-15S

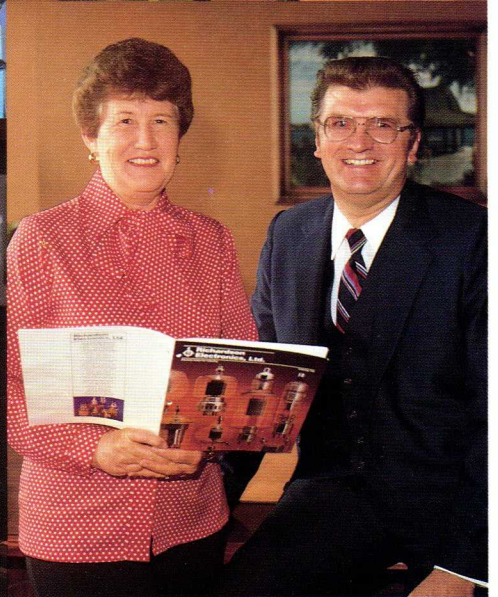
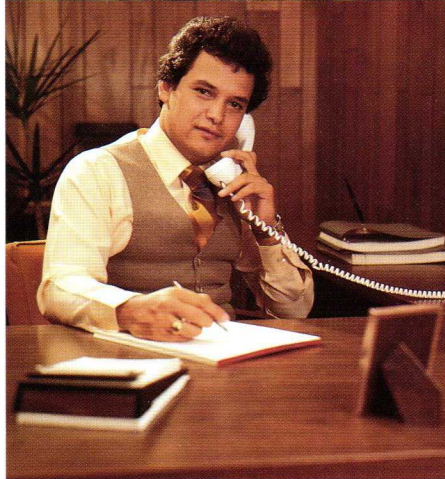
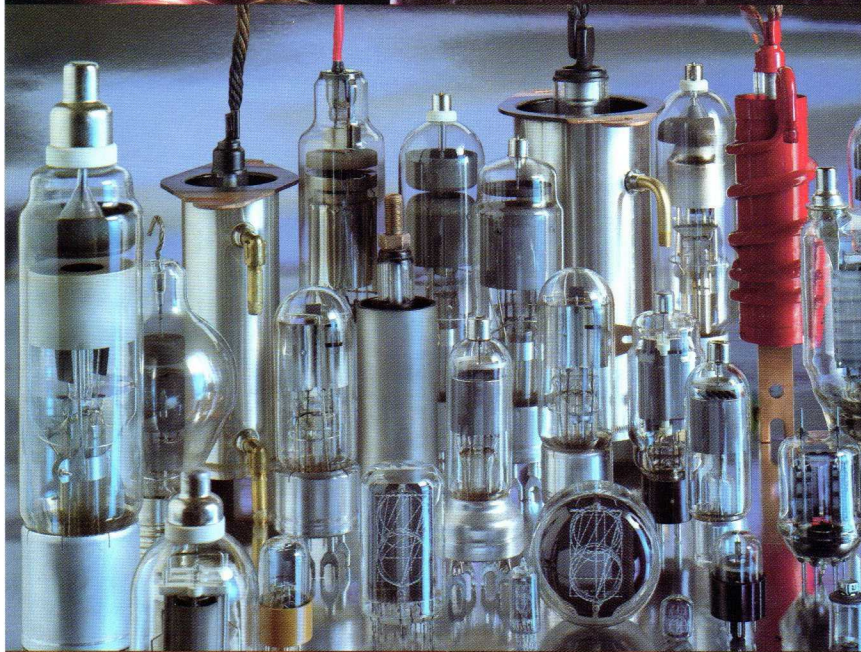
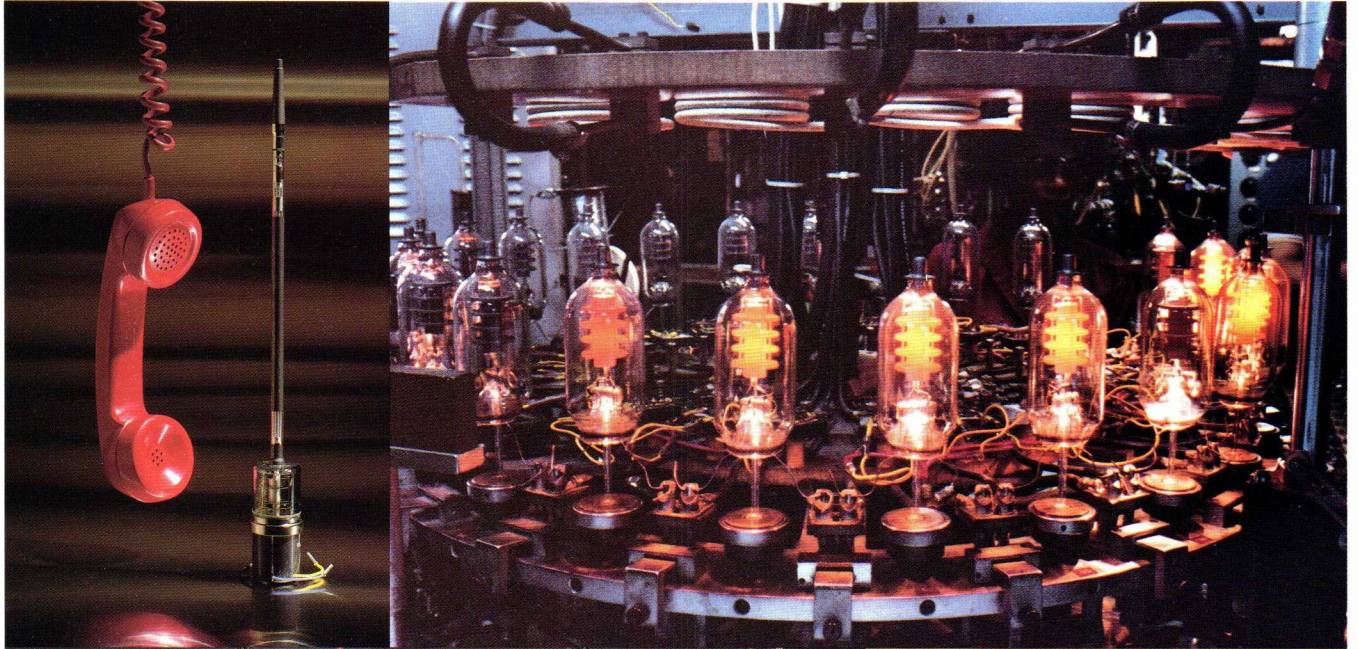
RF CERAMIC CAPACITORS

J1HT50CG250K752
 J1HT50CG500K752
 J1HT50UJ101K752
 J1HT50UJ750K752
 J1HT57CG250K153
 J1HT57CG500K153
 J1HT57UJ101K153
 J1HT57UJ201K752

J1HT57XC501K502
 J1HT57XX751P752
 J1HT58UJ500K752
 J1HT58XX102M502
 J1HT58XX501M502
 J1HT60XX682N252
 J1HT60XX682N352







MICROWAVE OVEN MAGNETRONS

DIODES

Type

2M53
2M53A
2M57A
2M90
2M107A

2M120
2M121
2M131
2M137
2M156

2M157
2M167
2M172
2M172AH
2M172H

2M172J
2M172R
2M180
2M182
2M184

2M195
2M196
M57D3
M57D4
M57D6

Type

M57D7
M57D8
M57D9
M57D11
M57D14

M57D20
M57D21
M57D22
M57D25
M57D28

M57D33
M57D39
OM55
OM72A
OM75

DX332
DX453
DX453B
DX555
DX575

DX575-010
DX575-020
YJ1520
YJ1521
QKH1777

Type

H3106
L5001A
L5260
L5260A

DIODES

Type

HVPR10-12
HVPR10-15
HVPR15-4
M3D1
M3D15

M3D22
M3D29

SOLID STATE REPLACEMENTS FOR VACUUM TUBES

Type

Replaces Tube Types

SSR-1	83,5Z3,80,82,83V
SSR-2	OZ4,5X4,5Y4,6AX5,5852,5839
SSR-3	5AV4,5AW4,5AZ4,5T4,5U4, 5V4,5Y4,5Z4,5AZ4,5AV4,5931, 6004,6087,6106
SSR-4	5AU4,5AW4,5U4,5W4,5Y3
SSR-5	3B24W
SSR-6	5R4GY,5R4W
SSR-7	6AV4,6AX4
SSR-8	6X4,12X4,6032
SSR-9	6Z4,84
SSR-10	575A
SSR-11	673
SSR-12	816, 836
SSR-13	866A,866AX,3B28
SSR-14	872A,872AX,4B32
SSR-15	8008,8008XE
SSR-16	12AT7
SSR-17	6AK5
SSR-18	6AL5
SSR-19	GXU1

The Complete Source 3MHz to 3GHz RF Power and Solid State Devices

Original Manufacturers Part Numbers and RF Gain Premium Replacements — All Available from our in depth inventory for immediate delivery.

RF Gain Selector Guide

RF Gain, in Conjunction with the Top RF Power Transistor Manufacturers in the World, Offers You the Future of RF Power Today with State Of The Art Devices for TV Linear, Military, DME/Tacan, Microwave, Transponders, Translators and Repeaters.

30 MHz RF Transistors

Type	Power Output (Watts)	Min Power Gain (db)	Supply Voltage (Vcc)	Case
RF433	12.5	20	12.5	.3804LF
S25-12	25	15	12.5	.3804LF
RF14*	50	14	12.5	.3804LS
RF24*	50	14	12.5	.3804LF
RF15	50	12	12.5	.3804LF
RF13*	50	12	12.5	.3804LS
RF25*	50	14	12.5	.5004LF
RF33	60	13	12.5	.3804LS
RF35	60	14	12.5	.5004LS
RF43	60	13	12.5	.3804LF
RF45	60	14	12.5	.5004LF
RF85	80	13	12.5	.5004LF
RF95	100	13	12.5	.5004LS
RF105	100	13	12.5	.5004LF
RF110	100	13	12.5	.5004LF
RF120	120	11	12.5	.5004LF
SD1407	100	15	28	.5004LF
RF175	175	14	28	.5004LF
RF200	200	15	50	.5004LF
S250-50	250	15	50	J11

* Characterized thru VHF with diminishing gain
 Many More HF and SSB Parts Available in 12, 28 and 50 Volt Supply Voltages

50 MHz Low Band 12V

RF47	8	10	12.5	.3804LS
RF48	20	10	12.5	.3804LS
RF49	40	10	12.5	.5004LS
RF35	60	10	12.5	.5004LS

VHF AM 108-175 MHz (28 Volt Aircraft & Marine)

2N3866	1.0	10	28	T039
2N5641	7	8.4	28	.3804LST
SD1013	10	10	28	.3804LS
2N5642	20	8.2	28	.3804LS
SD1015	30	10	28	.3804LS
2N5643	40	7.6	28	.3804LS
SD1219	60	7	28	.3804LS
SD1019	80	9	28	.5004LS
RF317	125	9.2	28	.5006LF

RF TRANSISTOR GUIDE

VHF FM 136-174 MHz 12V

Type	Power Output (Watts)	Min Power Gain (db)	Supply Voltage (Vcc)	Case
2N4427	1.0	10.0	12.5	T039
2N5913	1.75	12.0	12.5	T039
2N5589	3	8.2	12.5	.3804LST
SD1127*	4	12.0	12.5	T039
SD1012FL	4	12.0	12.5	.3804LF
2N6080	4	12.0	12.5	.3804LS
RF260	5	10.0	12.5	T0220
2N3926	7	5.4	13.6	T060
2N5590	10	5.2	12.5	.3804LS
SD1143	12	10.0	12.5	.3804LS
2N3927	12	4.8	13.6	T060
RF262	15	6.2	12.5	T0220
2N6081	15	6.3	12.5	.3804LS
RF221	15	6.3	12.5	.3804LF
2N6082	25	6.2	12.5	.3804LS
SD1229FL	25	6.2	12.5	.3804LF
2N6083	30	5.7	12.5	.3804LS
RF264	30	5.2	12.5	T0220
SD1272	30	8.0	12.5	.3804LS
SD1272FL	30	8.0	12.5	.3804LF
2N6084	40	4.5	12.5	.3804LS
RF23	40	4.5	12.5	.3804LF
SD1428	45	6.5	12.5	.5006LF
SD1416	80	6.7	12.5	.5006LF
SD1477	100	6.0	12.5	.5006LF
SD1441	150	5.7	12.5	.5006LF
2N6094(PNP)	4	12.0	12.5	.3804LF
2N6095(PNP)	15	6.3	12.5	.3804LF
2N6096(PNP)	30	5.7	12.5	.3804LF
2N6097(PNP)	40	4.5	12.5	.3804LF

*Grounded Emitter to Case

UHF FM 407-512 MHz 12V

RFUHE	0.5	13	12.5	X072
RF559	0.5	13	12.5	MX
RF515	0.75	8.0	12.5	T039
RFU1	1	10	12.5	.2804LSSL
SD1444*	2	8.0	12.5	T039
2N5944	2	9.0	12.5	.2804LS
C3-12	4	6.0	12.5	.3804LS
RFU5	5	10.5	12.5	.2804LS
2N5945	4	8.0	12.5	.2804LS
2N5946	10	6.0	12.5	.2804LS
CM10-12A	10	7.0	12.5	.5006LF
C12-12	12	4.5	12.5	.3804LS
SD1429	15	7.5	12.5	.5006LF
CM20-12A	20	6.0	12.5	.5006LF
SD1088	25	6.0	12.5	.5006LF
CM30-12A	30	5.5	12.5	.5006LF
SD1488	40	6.5	12.5	.5006LF
CM45-12A	45	5.0	12.5	.5006LF
SD1434	50	5.5	12.5	.5006LF
CM60-12A	60	4.5	12.5	.5006LF

*Grounded Emitter

UHF 225-400 MHz 28.0V

Type	Power Output (Watts)	Min Power Gain (db)	Supply Voltage (Vcc)	Case
2N3866	1	10.0	28.0	T039
C1-28	1	12.0	28.0	.2804LSSL
2N5635	2.5	6.2	28.0	.3804LST
C3-28	3.0	10.0	28.0	.3804LS
UMIL3	3.0	12.0	28.0	.2804LS
2N5636	7.5	5.7	28.0	.3804LST
UMIL10	10	10.0	28.0	.2804LS
C12-28	12	6.8	28.0	.3804LS
A5919	20	7.0	28.0	.2804LS
2N5637	20	4.6	28.0	.3804LS
UMIL25	25	9.0	28.0	.5006LF
C40-28A	40	5.2	28.0	.3804LS
C50-28	50	5.1	28.0	.3804LS
2N6439	60	7.8	28.0	.5006LF
UMIL100	100	8.0	28.0	.5006LF

806-974 MHz LAND MOBILE/CELLULAR

RF8UBH	0.3	8.0	12.5	X072CB
RFUHE	0.5	6.0	12.5	X072CE
RF559	0.5	9.0	12.5	MXCE
RF8UIE	1	7.5	12.5	X072CE
RF8UIB	1	10.0	12.5	X072CB
RF8U2E	2	6.5	12.5	X072CE
RF8U2B	2	8.0	12.5	X072CB
RFU5	4	5.0	12.5	.2804LSCE
RF8U5B	5	7.0	12.5	.2306LFCB
RF8U5E	5	7.0	12.5	.2306LFCE
SD1410 (-3)*	6	8.0	12.5	.3806LFCB
BLV93	8	6.0	12.5	.2306LFCE
RF8U15B	15	6.0	12.5	.2306LFCB
RF8U15E	15	6.0	12.5	.2306LFCE
SD1412 (-3)*	18	6.0	12.5	.3806LFCB
RF8U25	25	6.0	12.5	.2306LFCB
SD1098	25	6.0	12.5	.3806LFCB
RF8U45	45	5.0	12.5	.2306LFCB
9BSE10	10	9.2	25	.2306LFCB
9BSE35	35	9.0	25	.2306LFCB
9BSE55	55	9.0	25	.2306LFCB

*Suffix -3 indicates .2306LF package

Ultralinear TV

VHF 170-230 MHz

RFTV394	5	15	20	.3804LS
VTV075	7.5	10	25	.5006LF
RFTV364	10	10	20	.3804LS
RFTV375	14	8.5	20	.5004LS
RFTV385	14	15	20	.5006LF
VTV150	15	8.0	25	.5006LF
VTV300	30	6.0	25	.5006LF
RFTV386	30	12	20	.5006LF
RFTV376	30	7.5	20	.5004LS

UHF 470-860 MHz

UTV005	0.5	11.5	20	.2804LS
UTV010	1	10.5	20	.2804LS
UTV020	2	10.0	25	.2804LS
UTV040	4	8.0	25	.2804LS
UTV080	8	9.0	26.5	J06

Broadband Microwave CW Devices — Internally Compensated

Part No.	Freq (GHz)	Pout (Watts)	Pin (Watts)	Gain (db)	Vcc (Volts)	Min Eff. (%)	Case
1014-2	1.0-1.4	2	0.3	8.2	28	40	L01
1014-6	1.0-1.4	6	1.1	7.4	28	40	L01
1014-12	1.0-1.4	12	2.14	7.4	28	40	L01
1014-35	1.0-1.4	35	7.0	7.0	28	50	MW3
1417-2	1.4-1.7	2	.300	8.0	28	40	L01
1417-6	1.4-1.7	6	1.14	7.4	28	40	L01
1417-12	1.4-1.7	12	2.4	7.0	28	40	L01
1417-20	1.4-1.7	20	4.0	7.0	28	35	A05
1618-4	1.6-1.8	4	.700	7.4	28	35	N02
1618-12	1.6-1.8	12	2.0	7.8	28	35	N02
1618-25	1.6-1.8	25	5.0	7.0	28	30	A05
1618-35	1.6-1.8	35	7.0	7.0	28	30	A05
1720-2	1.7-2.0	2	.356	8.0	28	35	L01
1720-5	1.7-2.0	5	1.12	6.6	28	35	L01
1720-9	1.7-2.0	9	2.0	6.5	28	35	L01
1720-20	1.7-2.0	20	5.0	6.0	28	32	A05
1821-3	1.8-2.1	3	.530	7.7	24	40	B09
1821-6	1.8-2.1	6	1.07	7.4	24	40	B09
1821-10	1.8-2.1	10	2.0	7.0	24	35	A05
1821-18	1.8-2.1	18	4.0	6.5	24	35	A05
2023-1.5	2.0-2.3	1.5	.238	8.0	22	35	B09
2023-3	2.0-2.3	3	.476	8.0	22	35	B09
2023-6	2.0-2.3	6	1.2	6.8	24	35	A12
2023-12	2.0-2.3	12	2.4	7.0	24	35	A08
2023-16	2.0-2.3	16	3.6	6.2	24	35	A08
2223-9	2.2-2.3	9	1.5	7.8	23	45	A12

Microwave Class A/Linear Devices

Part No.	Freq (GHz)	Pout (Watts)	P Gain (db)	Vcc (Volts)	Case
1A5	1.0	0.5	9.0	20/140ma	E04
1A5A	1.0	0.5	9.0	20/140ma	E05
10A015	1.0	1.5	9.0	20/220ma	.2804LS
10A022	1.0	2.2	8.5	20/300ma	.2804LS
10A030	1.0	3.0	8.5	20/440ma	.2804LS
10A045	1.0	4.5	8.0	20/660ma	.2804LS
10A060	1.0	6.0	8.0	20/880ma	.2804LS
2A5	2.0	0.5	7.0	20/140ma	E04
2A5A	2.0	0.5	7.0	20/140ma	E05
20A015	2.0	1.5	6.0	20/220ma	MW1
20A030	2.0	3.0	6.0	20/440ma	MW1
20A045	2.0	4.5	5.5	20/660ma	MW1
20A060	2.0	6.0	5.0	20/880ma	MW1
23A005	2.3	0.5	8.5	20/120ma	MW1
23A008	2.3	0.8	6.5	20/140ma	MW1
23A010	2.3	1.0	8.25	20/240ma	MW1
23A016	2.3	1.6	6.25	20/280ma	MW1
23A024	2.3	2.4	6.0	20/320ma	MW1

General Purpose Microwave Devices 1000 MHz — 3000 MHz

Part No.	Freq (GHz)	Pout (Watts)	Pin (Watts)	Gain (db)	Vcc (Volts)	Min Eff (%)	Case
46100	1	1	.20	7	28	50	.2804L
46101	1	1	.20	7	28	50	.2804LS
46104	1	4	1.0	6	28	60	.2804LS
46110	1	10	3.0	5	28	60	.2804LS
46120	1	20	8	4	28	60	.2804LS
101	2	1	.20	7	28	40	E04
101A	2	1	.20	7	28	40	E05
201	3	1	.20	7	28	40	E04
201A	3	1	.20	7	28	40	E05
2001	2	1	.125	9	28	40	MW1
2003	2	3	.470	8	28	40	MW1
2005	2	5	.800	8	28	40	MW1
2010	2	10	2.0	7	28	35	MW1
2015M	2	15	3.75	6	28	35	N02
2020	2	20	6	5.2	28	40	MW2
2301	2.3	1.5	.238	8	20	40	MW1
2304	2.3	4	.630	8	20	40	MW1
2307	2.3	7	1.1	8	20	35	MW1
3001	3	1	.200	7	28	30	MW1
3003	3	3	.750	6	28	30	MW1
3005	3	5	1.58	5	28	30	MW1

Coaxial Oscillator Devices

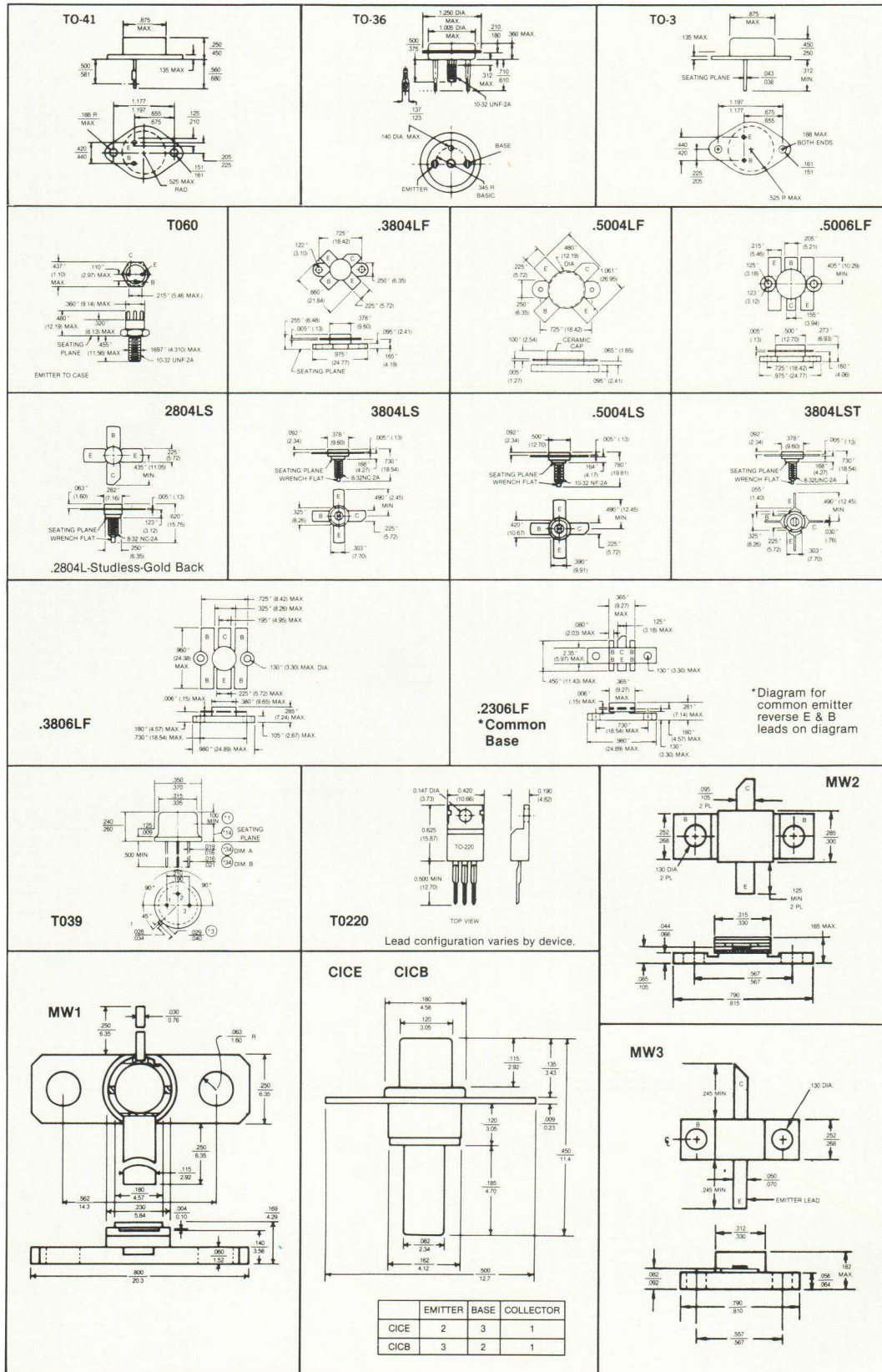
Type	Freq (MHz)	Posc Typ (Watts)	Cob Max (pF)	Vcc (Volts)	Case
85920	2000	1.3	3.0	28	C1CB
85837	2000	1.3	3.0	28	C1CE
85854	3000	1.2	3.5	21	C1CB
85856	3000	1.2	3.5	21	C1CE
85853	3000	0.6	2.5	21	C1CB
85836	3000	0.6	2.5	21	C1CE

Your RF Gain specialist will answer any questions you may have on our broad line of RF Power Devices. Our product managers have a wealth of information at their disposal and can help you with your personal requirements.

- Package outlines are simplified for quick reference use. Due to lack of space not all devices and packages listed. Individual spec sheets are available upon request.
- Some products may be used at higher and lower frequencies. Power and Gain specs will differ accordingly. Supply voltages will affect performance in a similar fashion.
- Certain devices are available in various package options. Our sales engineers will be glad to help you decide on the best transistor for your requirements.
- We offer complete cross reference service for state of the art and obsolete devices. Wherever possible advise us of original part number, since we may already have the information on file, or the exact part itself. All relevant information will be helpful in getting the best suitable replacement.
- Consult our semiconductor listing for all non-RF and Standard JEDEC (1N+2N) items. Please inquire for any items not listed.
- Quantity pricing available for OEM customers. Dealers and export inquiries are, of course, invited.

General Purpose PNP High Power Transistors

TYPE	Ic Amps	VCBO V	HFE	Pd Watts	Case	TYPE	Ic Amps	VCBO V	HFE	Pd Watts	Case
RFG104	7	60	90	90	T03	B1181	25	160	60	106	T03
RFG121	7	60	80	30	T03	GE4	12	50	55	50	T036
RFG1550L	15	60	50	106	T041	RFG4	15	50	40	150	T036
RFG179	25	90	55	106	T03	2N1522	50	50	50	70	T036
2N1167A	25	100	40	106	T041	2N4048	60	45	90	170	T036



SEMICONDUCTOR PRICING

type	type	type	type	type
1N21	1N706	1N1792A	1N4002	1N5334B/3.6V5W
1N21B	1N746A	1N1824RA	1N4003	1N5335B/3.9V5W
1N21C	1N747	1N1899	1N4004	1N5336B/4.3V5W
1N21CM	1N748A	1N2043	1N4005	1N5337B/4.7V5W
1N21CR	1N749A	1N2070	1N4006	1N5338B/5.1V5W
1N21D	1N750A	1N2071	1N4007	1N5339B/5.6V5W
1N21DR	1N751A	1N2286	1N4048	1N5340B/6.0V5W
1N21E	1N752A	1N2286R	1N4148	1N5341B/6.2V5W
1N21ER	1N753A	1N2383	1N4154	1N5342B/6.8V5W
1N21WE	1N754A	1N2504	1N4371A	1N5343B/7.5V5W
1N23B	1N755A	1N2620	1N4384	1N5344B/8.2V5W
1N23BR	1N756	1N2818B	1N4385	1N5345B/8.7V5W
1N23C	1N757A	1N2820	1N4506	1N5346B/9.1V5W
1N23CMR	1N758A	1N2820B	1N4507	1N5347B/10V5W
1N23CR	1N759A	1N2827B	1N4508	1N5348B/11V5W
1N23D	1N761	1N2859A	1N4509	1N5349B/12V5W
1N23DR	1N904A	1N2860	1N4721	1N5350B/13V5W
1N23E	1N910	1N2970B	1N4723	1N5351B/14V5W
1N23EMR	1N914	1N2972	1N4728A/3.3V1W	1N5352B/15V5W
1N23ER	1N914A	1N2974B	1N4729A/3.6V1W	1N5353B/16V5W
1N23WE	1N914B	1N2974RB	1N4730A/3.9V1W	1N5354B/17V5W
1N34A	1N936B	1N2976RB	1N4731A/4.3V1W	1N5355B/18V5W
1N48	1N944	1N2982	1N4732A/4.7V1W	1N5356B/19V5W
1N51	1N962B	1N2982B	1N4733A/5.1V1W	1N5357B/20V5W
1N60	1N963B	1N2984B	1N4734A/5.6V1W	1N5358B/22V5W
1N67	1N964B	1N2984RB	1N4735A/6.2V1W	1N5359B/24V5W
1N81	1N966A	1N2987	1N4736A/6.8V1W	1N5360B/25V5W
1N82A	1N972B	1N2987RB	1N4737A/7.5V1W	1N5361B/27V5W
1N91	1N997	1N2988B	1N4738A/8.2V1W	1N5362B/28V5W
1N100A	1N1084	1N2988RB	1N4739A/9.1V1W	1N5363B/30V5W
1N191	1N1096	1N2989	1N4740A/10V1W	1N5364B/33V5W
1N198A	1N1117	1N2990	1N4741A/11V1W	1N5365B/36V5W
1N248	1N1124A	1N2995B	1N4742A/12V1W	1N5366B/39V5W
1N253	1N1169	1N2999	1N4743A/13V1W	1N5367B/43V5W
1N256	1N1186	1N3001B	1N4744A/15V1W	1N5368B/47V5W
1N270	1N1186R	1N3005B	1N4745A/16V1W	1N5369B/51V5W
1N276	1N1187A	1N3022B	1N4746A/18V1W	1N5370B/56V5W
1N279	1N1189	1N3025B	1N4747A/20V1W	1N5371B/60V5W
1N281	1N1189R	1N3028A	1N4748A/22V1W	1N5375B/82V5W
1N295	1N1190	1N3028B	1N4749A/24V1W	1N5376B/87V5W
1N303B	1N1190A	1N3039B	1N4750A/27V1W	1N5377B/91V5W
1N415C	1N1199A	1N3051B	1N4751A/30V1W	1N5378B/100V5W
1N415CMR	1N1200	1N3193	1N4752A/33V1W	1N5379B/110V5W
1N415CR	1N1200RA	1N3212R	1N4753A/36V1W	1N5380B/120V5W
1N415E	1N1202A	1N3253	1N4754A/39V1W	1N5381B/130V5W
1N415G	1N1202RA	1N3254	1N4755A/43V1W	1N5382B/140V5W
1N416B	1N1204	1N3255	1N4756A/47V1W	1N5383B/150V5W
1N416E	1N1204A	1N3286	1N4757A/51V1W	1N5384B/160V5W
1N456	1N1204R	1N3290A	1N4758A/56V1W	1N5385B/170V5W
1N457A	1N1205	1N3291	1N4759A/62V1W	1N5386B/180V5W
1N458	1N1206	1N3491	1N4760A/68V1W	1N5387B/190V5W
1N459	1N1206A	1N3491R	1N4761A/75V1W	1N5388B/200V5W
1N461A	1N1206R	1N3492	1N4762A/82V1W	1N5391
1N468	1N1218	1N3492R	1N4763A/91V1W	1N5392
1N482	1N1222	1N3493	1N4764A/100V1W	1N5395
1N484	1N1341B	1N3495	1N4816	1N5399
1N485	1N1342B	1N3548	1N4817	1N5408
1N486B	1N1345A	1N3579	1N4822	1N5624
1N497	1N1345B	1N3619	1N5061	1N5806
1N536	1N1346A	1N3659	1N5149	1N6263
1N538	1N1358A	1N3659R	1N5155	2N109
1N541	1N1358RA	1N3680B	1N5225	2N169A
1N588	1N1366	1N3712	1N5232A	2N174
1N619	1N1399	1N3716	1N5232B	2N176
1N628	1N1566A	1N3754	1N5237B	2N178
1N645	1N1614	1N3768	1N5238B	2N207
1N645-1	1N1614R	1N3800B	1N5241B	2N218
1N647	1N1770	1N3821	1N5242B	2N270
1N660	1N1781	1N3971	1N5246B	2N277
1N695	1N1784	1N4001	1N5333B/3.3V5W	2N278

SEMICONDUCTOR PRICING

type	type	type	type	type
2N301	2N1310	2N2368	2N3458	2N4048
2N301A	2N1335	2N2369A	2N3495	2N4049
2N327A	2N1370	2N2398	2N3502	2N4050
2N335	2N1374	2N2405	2N3506	2N4058
2N379	2N1376	2N2430	2N3553	2N4072
2N380	2N1377	2N2431	2N3563	2N4077
2N384	2N1484	2N2477	2N3564	2N4083
2N394A	2N1486	2N2479	2N3565	2N4105
2N398A	2N1501	2N2484	2N3566	2N4106
2N398B	2N1502	2N2484A	2N3567	2N4107
2N404	2N1510	2N2490	2N3568	2N4121
2N404A	2N1521	2N2586	2N3569	2N4123
2N408	2N1522	2N2608	2N3595	2N4124
2N410	2N1537	2N2613	2N3611	2N4125
2N414	2N1537A	2N2631	2N3612	2N4126
2N439	2N1542	2N2646	2N3616	2N4127
2N441	2N1549	2N2647	2N3618	2N4128
2N442	2N1550	2N2659	2N3632	2N4148
2N443	2N1551	2N2672	2N3638A	2N4184
2N456	2N1557	2N2712	2N3639	2N4231A
2N456B	2N1559	2N2714	2N3640	2N4232
2N498A	2N1560	2N2715	2N3641	2N4234
2N502	2N1613	2N2716	2N3642	2N4248
2N508	2N1614	2N2876	2N3643	2N4249
2N511A	2N1623	2N2891	2N3644	2N4258
2N525	2N1651	2N2894	2N3646	2N4259
2N553	2N1659	2N2897	2N3654	2N4274
2N652	2N1671	2N2904A	2N3658	2N4276
2N669	2N1671A	2N2905A	2N3668	2N4280
2N688	2N1671B	2N2907A	2N3702	2N4342
2N690	2N1693	2N2910	2N3704	2N4351
2N697	2N1701	2N2923	2N3712	2N4360
2N706A	2N1702	2N2924	2N3713	2N4391
2N708	2N1711	2N2925	2N3715	2N4398
2N711A	2N1742	2N2996	2N3731	2N4400
2N718	2N1745	2N2997	2N3733	2N4401
2N720A	2N1754	2N3019	2N3739	2N4403
2N722	2N1908	2N3031	2N3740	2N4416
2N760A	2N1981	2N3043	2N3753	2N4417
2N834	2N1985	2N3046	2N3758	2N4427
2N910	2N1990	2N3053	2N3771	2N4428
2N915	2N1994	2N3054	2N3772	2N4429
2N918	2N2016	2N3055	2N3773	2N4430
2N930	2N2081	2N3118	2N3789	2N4431
2N930A	2N2084	2N3119	2N3791	2N4440
2N1011	2N2086	2N3135	2N3810	2N4851
2N1024	2N2102	2N3137	2N3819	2N4870
2N1057	2N2109	2N3158	2N3829	2N4871
2N1086	2N2143	2N3232	2N3856A	2N4888
2N1086A	2N2144	2N3241	2N3866	2N4892
2N1087	2N2145	2N3249	2N3890	2N4898
2N1098	2N2147	2N3250	2N3904	2N4918
2N1100	2N2152	2N3251	2N3905	2N4919
2N1102	2N2156	2N3251A	2N3906	2N4921
2N1132	2N2160	2N3294	2N3924	2N4932
2N1142	2N2189	2N3323	2N3925	2N4933
2N1143	2N2193	2N3337	2N3926	2N4951
2N1145	2N2195	2N3375	2N3927	2N4957
2N1167A	2N2201	2N3391A	2N3947	2N4965
2N1168	2N2204	2N3392	2N3955	2N4972
2N1170	2N2217	2N3393	2N3961	2N4976
2N1184	2N2219A	2N3399	2N3964	2N5016
2N1193	2N2222A	2N3414	2N4012	2N5025
2N1301	2N2223	2N3415	2N4030	2N5026
2N1302	2N2226	2N3417	2N4033	2N5029
2N1303	2N2270	2N3432	2N4036	2N5031
2N1305	2N2323	2N3439	2N4037	2N5037
2N1306	2N2349	2N3440	2N4040	2N5038
2N1307	2N2360	2N3441	2N4041	2N5039
2N1309	2N2362	2N3442	2N4047	2N5060

SEMICONDUCTOR PRICING

type	type	type	type	type
2N5061	2N5589	2N6097	2SA1205	2SC1311
2N5070	2N5590	2N6101	2SB77B	2SC1311E
2N5086	2N5591	2N6104	2SB405	2SC1314
2N5087	2N5629	2N6105	2SB471	2SC1318
2N5088	2N5635	2N6109	2SC380	2SC1368B
2N5090	2N5636	2N6110	2SC382	2SC1383B
2N5102	2N5637	2N6111	2SC458	2SC1424
2N5108A	2N5641	2N6119	2SC458B	2SC1509
2N5109	2N5642	2N6124	2SC458C	2SC1546
2N5115	2N5643	2N6135	2SC460	2SC1568
2N5128	2N5644	2N6136	2SC460B	2SC1589
2N5130	2N5645	2N6166	2SC461B	2SC1622
2N5133	2N5646	2N6197	2SC535	2SC1623
2N5135	2N5655	2N6198	2SC535A	2SC1668
2N5138	2N5668	2N6199	2SC535B	2SC1674
2N5143	2N5672	2N6200	2SC535C	2SC1675
2N5155	2N5683	2N6201	2SC540	2SC1678
2N5160	2N5691	2N6202	2SC608	2SC1729
2N5172	2N5703	2N6203	2SC644	2SC1730
2N5177	2N5704	2N6204	2SC684	2SC1740Q
2N5178	2N5705	2N6205	2SC703	2SC1765
2N5179	2N5707	2N6206	2SC710	2SC1815Y
2N5180	2N5764	2N6207	2SC710D	2SC1906
2N5183	2N5765	2N6208	2SC715D	2SC1907
2N5189	2N5766	2N6214	2SC715E	2SC1945
2N5190	2N5774	2N6230	2SC717P	2SC1946
2N5193	2N5841	2N6255	2SC730	2SC1946A
2N5210	2N5847	2N6256	2SC731	2SC1947
2N5222	2N5848	2N6259	2SC732	2SC1955
2N5223	2N5849	2N6265	2SC741	2SC1966
2N5224	2N5862	2N6266	2SC821	2SC1967
2N5225	2N5867	2N6267	2SC828B	2SC1968
2N5226	2N5875	2N6268	2SC829B	2SC1968A
2N5227	2N5881	2N6269	2SC890	2SC1969
2N5230	2N5883	2N6290	2SC891	2SC1970
2N5239	2N5884	2N6297	2SC900	2SC1971
2N5245	2N5885	2N6304	2SC900F	2SC1972
2N5246	2N5913	2N6306	2SC908	2SC1978
2N5248	2N5915	2N6313	2SC911A	2SC2001
2N5293	2N5916	2N6351A	2SC945	2SC2026
2N5295	2N5917	2N6361	2SC945R	2SC2053
2N5302	2N5918	2N6367	2SC952	2SC2097
2N5306	2N5919	2N6368	2SC982	2SC2099
2N5307	2N5920	2N6369	2SC994	2SC2100
2N5322	2N5921	2N6373	2SC998	2SC2103
2N5344	2N5922	2N6387	2SC1001	2SC2105
2N5355	2N5923	2N6439	2SC1011	2SC2116
2N5365	2N5941	2N6455	2SC1070	2SC2118
2N5366	2N5942	2N6456	2SC1096L	2SC2221
2N5371	2N5943	2N6458	2SC1096M	2SC2233
2N5375	2N5944	2N6459	2SC1117	2SC2237
2N5398	2N5945	2N6509	2SC1120	2SC2281
2N5422	2N5946	2N6515	2SC1121	2SC2283
2N5423	2N5947	2N6518	2SC1122	2SC2287
2N5424	2N5986	2N6572	2SC1162B	2SC2289
2N5447	2N6027	2N6576	2SC1165	2SC2290
2N5449	2N6034	2N6603	2SC1169	2SC2347
2N5457	2N6037	2SA486	2SC1176	2SC2369
2N5458	2N6043	2SA489	2SC1177	2SC2370A
2N5461	2N6057	2SA500	2SC1178	2SC2379
2N5470	2N6071	2SA608E	2SC1209D	2SC2395
2N5481	2N6080	2SA634L	2SC1213A	2SC2407
2N5482	2N6081	2SA673B	2SC1213C	2SC2420
2N5483	2N6082	2SA683	2SC1239	2SC2494
2N5484	2N6083	2SA695D	2SC1241	2SC2509
2N5485	2N6084	2SA733	2SC1251	2SC2531
2N5486	2N6093	2SA733R	2SC1260	2SC2538
2N5494	2N6094	2SA738	2SC1303	2SC2539
2N5496	2N6095	2SA770	2SC1306	2SC2540
2N5516	2N6096	2SA770B	2SC1307	2SC2545E

SEMICONDUCTOR PRICING

type	type	type	type	type
2SC2559	8MOB45	74C15	741CP	4017BE
2SC2586	9BSE10	74C16	741CP1	4020A
2SC2630	9BSE35	74C33N	839P1	4030BE
2SC2640	9BSE55	74C157	839P2	4051A
2SC2641	10A015	74C163	0912-7	4051BE
2SC2642	10A022	74LS02	0912-25	4060-1
2SC2644	10A030	74LS03P	0912-45	4060-2
2SC2655	10A045	74LS04	0912-125A	4060-3
2SC2694	10A060	74LS74N	0912-200	4060-4
2SC2695	10AM05	74LS93	0912P250A	4060B
2SC2711	10AM11	74LS157N	0915-40	4066B
2SC2762	10AM20	74LS161	1014-2	4163P1
2SC2879	20A015	74LS164	1014-6	4171P1
2SC3001	20A015A	74LS197J	1014-12	4171P3
2SC3006	20A015B	74LS373	1417-2	4171P4
2SC3103	20A015C	74LS374	1417-6	4237P1
2SC3104	20A015D	74LS447	1417-12	4239P1
2SD33A	20A015E	74S00N	1417-20	4239P2
2SD77D	20A030	74S74P	1475	4239P3
2SD119C	20A030A	74S112P	1539	4242P1
2SD261R	20A030B	74S113S	1618-4	4243P1
2SD313A	20A030C	74S288N	1618-12	4340P1
2SD313D	20A030D	78A06	1618-25	4340P2
2SD471	20A045	78A15	1618-35	4340P3
2SD525	20A045A	78H12SC	1720-2	4340P4
2SD571	20A045B	78L05	1720-5	4387P1
2SD588B	20A045C	78L05A	1720-9	4511B
2SD588R	20A045D	78L05AHC	1720-20	4511BP
3N128	20A060	78L05CZ	1821-3	4512A
3N140	20A060A	78L08	1821-3T	4520B
3N153	20A060B	78L08A	1821-6	4527BCP
3N154	20A060C	78L12	1821-6T	4538B
3N187	20A060D	78L12A	1821-10	4558
3N201	23A005	78L12ACP	1821-18	4572A
3N202	23A005A	78M05C	2001	4584B
3N204	23A005B	78M08C	2003	4698P1
3N209	23A005C	90H05	2005	6028P1
3N212	23A005D	93S16DC	2010	6029P1
3SK40M	23A008	101	2010M	6029P2
3SK45	23A008A	101A	2015M	6029P3
3SK48	23A008B	0104-100	2020M	6029P4
3SK49	23A008C	0105-12	2023	6060P1
1-029	23A008D	0105-50	2023-1.5	6118P1
1-040	23A010	0105-100	2023-1.5T	6191P1
1-041	23A010A	123P1	2023-3	6191P2
1-042	23A010B	152-08	2023-3T	6805P2MP
1-064	23A010C	174C163N	2023-6	7400N
1-074	23A010D	181P3	2023-6T	7402A
1-083	23A016	191-3/116191P3	2023-12	7414
1-084	23A016A	201	2023-16	7442N
1-085	23A016B	201A	2223-9	7445N
1-087	23A016C	0204-50	2301	7447AN
1-088	23A016D	0204-125	2302	7473N
1-093	23A024	283P2	2304	7473P
1-094	23A024A	283P3	2307	7474N
1-098	23A024B	304-118	2731-20	7483N
1A5	23A024C	328P1	2731-35	7490P
1A5A	23A024D	430-1	2731-50	7493P
2A5	23AM03	430-2/134430-2	2931-20	7495
2A5A	23AM03T	430-3	2931-40	7805C
2L02C	23AM06	0510-10	2931-55	7805CT
2L08	23AM06T	0510-25	3000	7815UC
2L08B	23AM015	0510-50	3001	14011
2L15	27AM05	555CN	3003	14094
8MOB1	40A005	568BLYC	3005	14501BCP
8MOB5	40A010	568BLYCF	4001B	14572CP
8MOB5E	54S04W	684P1	4011B	14584B
8MOB15	65C01	698-2	4013B	40050
8MOB15E	74C02N	698-05	4016BE	40081
8MOB25	74C04N	709-00	4017B	40106BE

SEMICONDUCTOR PRICING

type	type	type	type	type
40232	AE25-30	BAL0101-150A	BY126	CD2811
40242	AE50-20	BAL0101-200	BY127	CD2812
40246	AE100-0.5	BAL0102-150	BYI-1	CD2813
40250	AE100-1	BAL0104-50	BYI-1F	CD2878
40250V1	AE100-2	BAL0105-50	BYI-1Z	CD3025
40251	AE100-3	BAL0105-100	BYI-3	CD3205
40280	AE100-6	BAL0204-50	C1-12	CD3285
40281	AE100-10	BAL0204-125	C1-12Z	CD3286
40282	AF25-30	BAL0305P300	C1-28	CD3400
40290	AF50-20	BAL0405-75	C1-28Z	CD3401
40291	AF66	BAL0405P150	C2-8Z	CD3403
40292	AF100-0.5	BAM20	C2M50-28	CD3424
40314	AF100-1	BAM40	C2M60-28	CD3435
40319	AF100-2	BAM40SR	C2M70-28	CD3463
40340	AF100-3	BAM80	C2M70-28R	CD3495
40341	AF100-6	BAM80-SR	C2M100-28	CD3499
40346	AF100-10	BAM100-SR	C2M100-28A	CD3603
40347V2	AF130	BAM120	C3-12	CD3872
40389	AH25-30	BAM120SR	C3-28	CD4001BE
40405	AH50-20	BAP40-28	C5-8Z	CD4002BE
40410	AH100-0.5	BAP80-28	C5-12	CD4007UBE
40582	AH100-1	BAV22/CS10B	C12-12	CD4011AE
40673	AH100-2	BAV22R/CS10BR	C12-28	CD4011BE
40822	AH100-3	BB105G	C25-12	CD4013BE
40894	AH100-6	BF7-35	C25-28A	CD4015BE
40972	AH100-10	BF14-35	C30-12	CD4016AE
41021	AM150-20	BF25-35	C40-28A	CD4016BE
41022	AM150-30	BF50-35	C50-28	CD4024
41023	AM250-2	BF100-35	CA3020A	CD4028BE
44911	AM250-3	BF689K	CA3022	CD4063
44912	AM250-6	BFR90	CA3023	CD4087
44913	AN127	BFR91	CA3028B	CD4121
44914	AN150-20	BFR96	CA3030	CD4527BE
44915	AN150-30	BFY90	CA3045	CD4632
46100	AN217	BLW29	CA3053	CD5916
46101	AN250-2	BLW60C	CA3081	CD5917
46104	AN250-3	BLW60CF	CA3085A	CD5918
46110	AN250-6	BLW64C3	CA3085B	CD5919
46120	AN250-10	BLW78	CA3086	CD5919A
74125N	AP15-12	BLW80	CA3089E	CD5944
74157	AP30-12	BLW81	CA3096AE	CD6105
74170	AP30-12L	BLW90	CA3130E	CD6105A
74196N	B1-12	BLW98	CD1295	CD6136/RF6136
74247	B2-8Z	BLX39	CD1343	CDR150
74293P	B3-12	BLX65	CD1427	CDR400
80167	B3-28	BLX67C	CD1428	CF4-28
82091	B5-8Z	BLX67CF	CD1608	CHE
82166	B8-12	BLX68C3	CD1628	CHE3
430416	B12-12	BLX68CF	CD1629	CM10-12A
437006	B12-28	BLX69A	CD1630	CM10-28
A3-12	B15-12	BLX94A	CD1802	CM20-12A
A3-28	B25-12	BLX98	CD1803	CM25-28
A15-12	B25-28	BLY87C	CD1804	CM25-28A
A25-12	B30-12	BLY88C	CD1979	CM30-12A
A25-28	B40-12	BLY88CF	CD1984	CM40-12
A30-12	B40-12A	BLY89C	CD1985	CM40-12MP
A50-12	B40-28	BLY90	CD2035	CM45-12A
A60-12	B45-12	BLY91CF	CD2087	CM45-28
A70-28	B70-12	BLY94	CD2088	CM50-12A
A80-12	B70-28	BM15-12	CD2089	CM60-12A
A80-12A	B1181	BM30-12	CD2315	CM80-28
A80-12G	BA284	BM45-12	CD2418	CM80-28R
A5916	BA521	BM70-12	CD2419	CME15-12
A5918	BAL0000L10	BM80-12	CD2434	CME30-12
A5919	BAL0001-100	BM100-28	CD2435	CME50-12
A6105	BAL0002-100	BP8-12	CD2505	CMP18-12
A6105A	BAL0004-50	BP15-12	CD2514	CP5-12
AC187	BAL0004-100	BP30-12	CD2545	CP10-12
AC188	BAL0101-100	BP30-12L	CD2664A	CTC1000
ACY31	BAL0101-150	BU104	CD2810	D1-7E

SEMICONDUCTOR PRICING

type	type	type	type	type
D1-12B	E1E8	FHE9	M1134	M9425
D1-12E	E1E9	FM-150	M1135	M9427
D1-28	EFJ1010	FM175	M1136	M9428
D1-28Z	EFJ1016	FM175T	M1137	M9430
D2-12B	EFJ1017	GE4	M1145	M9434
D2-12E	EFJ1018	GES6011	M1236	M9435
D3-28	EFJ2003	GM0104-20	M1237	M9439
D4-28G	EFJ2004	GM0104-100	M2077	M9440
D10-28	EFJ2006	GM0105-100	M2160	M9441
D10-28B1	EFJ2009	GM0204-125	M4242C01	M9444
D10P	EFJ2011	H50-28	M4313	M9445
D12-28G	EFJ2013	H100-28	M4331	M9456
D13D1	EFJ2016	H100-50	M4363	M9466
D20-28	EFJ2023	H175-50	M4438	M9467
D40C1	EFJ2029	HVPR10-12	M4520	M9475
D45C6	EFJ3008	HVPR10-15	M4548/M4609	M9476
D45VH4	EFJ3009	HVPR15-04	M4573	M9480
DHE	EFJ3015	J310	M4584	M9490
DM3-7E	EFJ3027	J03015	M4620	M9491
DM5-12BA	EFJ3029	J03020	M4667	M9533
DM5-12E	EFJ4001	J03037 / 4239P1	M4674	M9534
DM10-12BA	EFJ4005	J03055	M9002	M9540
DM10P	EFJ4006	J03701	M9015	M9547
DM15-12BA	EFJ4007	J03701A	M9043	M9551
DM20P	EFJ4008	J04045	M9057	M9552
DM100P	EFJ4009	J04070	M9105	M9553
DMB5-12	EFJ4014	J04075	M9108	M9571
DMB10-12	EFJ4015	J04080	M9124	M9579
DMB15-12	EFJ4016	JE340	M9130	M9580
DMB20-12	EFJ4019	JF1033B	M9134	M9582
DMB30-12	EFJ4021	JTDA50	M9135	M9583
DME2	EFJ4022	JTDA100	M9145	M9584
DME6L	EFJ4026	JTDA150	M9148	M9587
DME7	EFJ4028	JTDB25	M9160	M9588
DME10	EFJ4030	JTDB50	M9166	M9595
DME25	EFJ4034	JTDB75	M9168	M9600
DME30L	EFJ4046	JTDB100	M9169	M9601
DME50	EFJ4048	LDR10SB	M9170	M9606
DME75	EFJ4049	LDR40SB	M9173	M9614
DME120L	EFJ4051	LDR55LA	M9204	M9622
DME150	EFJ4061	LDR75LB	M9217	M9623
DME250	EFJ4062	LDR100SB	M9221	M9624
DME375	EFJ4063	LDR125MC	M9225	M9625
DME375A	EFJ4068	LM301	M9228	M9627
DME500	EFJ4069	LM305AH	M9238	M9629
DME600	EFJ4073	LM324N	M9244	M9630
DME800	EFJ4075	LM340T-15	M9247	M9633
DMEG70	EFJ4076	LM358N	M9251	M9635
DMEG250	EFJ4077	LM377N	M9253	M9638
DMP10-12	EFJ4078	LM380N	M9257	M9640
DRN2	EFJ4081	LM386N	M9282	M9642
DRN3	EFJ4084	LM386N1	M9283	M9643
DRN4	EFJ4800	LM386N3	M9301	M9646
DRN5	EFJ4801	LM567N	M9303	M9647
DRN6	EFJ4804	LM723CH	M9306	M9651
DRN10	EFJ4805	LM1812N	M9307	M9653
DRN11	EFJ4806	LM2902N	M9311	M9654
DRN12	EFJ4807	LM3900N	M9315	M9657
DRN15	EFJ4808	M11L55	M9316	M9665
DRN16	EFJ4809	M1102	M9320	M9669
DTG2400	EFJ6012	M1103	M9322	M9674
DTS402	F1B5	M1104	M9329	M9677
DTS423	F1B8	M1105	M9350	M9681
DX542C	F1B9	M1106	M9352	M9710
E1B5	F1E5	M1107	M9374	M9711
E1B6	F1E8	M1108	M9390	M9715
E1B8	F1E9	M1129	M9404	M9718
E1E5	FHB5	M1131	M9411	M9719
E1E6	FHE5	M1132	M9419	M9720
E1E7	FHE8	M1133	M9423	M9725

SEMICONDUCTOR PRICING

type	type	type	type	type
M9728	MJE371	MPSU55	MWA120	RF80
M9736	MJE520	MRF208	NE571	RF85
M9737	MJE521	MRF212	NE02136	RF88
M9738	MJE700	MRF221	NE73436	RF89
M9739	MJE720	MRF229	OA91	RF92
M9740	MJE721	MRF231	PDA-201	RF94
M9741	MJE2480	MRF232	PMD16K80	RF95
M9755	MJE2801	MRF233	PN3643-5	RF104P1
M9766	MJE2901	MRF234	PN5130	RF105
M9776	MJE2955	MRF237	PS952	RF110
M9777	MJE3055	MRF238	PS1473	RF125-100
M9780	MM3009	MRF239	PS1476	RF221
M9781	MM5369N	MRF240	PS9521	RF234/MRF234
M9807	MM5402N	MRF243	PS9522	RF237
M9823	MMT2857	MRF245	PT3134A	RF239
M9827	MP2100A	MRF247	PT3134B	RF240
M9846	MPA-101	MRF260	PT3134C	RF245
M9847	MPA-201	MRF264	PT3134D	RF247
M9848	MPA-202	MRF309	PT3134E	RF260
M9850	MPF106	MRF316	PT3161A	RF262
M9860	MPF121	MRF317	PT3161B	RF264
M9872	MPN3401	MRF321	PT3161C	RF476
M9874	MPN3500	MRF323	PT3161D	RF515
M9887	MPS404A	MRF326	PT3161F	RF517
M9897	MPS2369	MRF327	PT3503	RF559
M9898	MPS3397	MRF329	PT4261A	RF604
M9906	MPS3563	MRF412	PT4261B	RF627
M9908	MPS3638	MRF421	PT4261C	RF629
M9911	MPS3638A	MRF422	PT4316C	RF641
M9926	MPS3646	MRF426	PT4316D	RF644
M9953	MPS3703	MRF427A	PT4316E	RF646
M9958	MPS3711	MRF428	PT4316F	RF648
M9960	MPS3866	MRF428A	PT5661C	RF2016M
M9965	MPS3866A	MRF433	PT8751	RF2120
M57704M	MPS3904	MRF449A	PT8820	RF2236
MBD101	MPS3906	MRF450	PT8831	RF2442K
MBD201	MPS5172	MRF453	PT8837	RF3285
MC667P	MPS5179	MRF453A	PT8838	RF4070
MC1034L	MPS6507	MRF454	PT8854B	RF5915
MC1351P	MPS6512	MRF454A	PT8861A	RF6136
MC1357P	MPS6514	MRF455	PT8864A	RFG108A
MC1458	MPS6517	MRF455A	PT8874	RFG121
MC1550P	MPS6518	MRF458	PT9795	RFG123
MC1723CP	MPS6520	MRF466	PT9797	RFG123A
MC3302P	MPS6521	MRF472	PT9841	RFG179
MC3310P	MPS6522	MRF475	PT9847	RFG1550L
MC3357P	MPS6530	MRF476	R170	RFJ-1
MC3401P	MPS6531	MRF477	RE100-100	RFJ-2
MC14572U	MPS6532	MRF492	RF6	RFJ-3
MC145106P	MPS6534	MRF497	RF13	RFJ6013
MC145156	MPS6543	MRF515	RF14	RH100-100
MD1901	MPS6544	MRF517	RF15	RJ150-50
MDA802	MPS6548	MRF620	RF23	RK200-50
MDA3501	MPS6566	MRF644	RF24	RL150-50
MFE131	MPS6568A	MRF646	RF25	RM250-50
MHW591	MPS6573	MRF648	RF30	RM250-100
MHW612	MPSA05	MRF750	RF33	RN300-100
MHW709-2	MPSA13	MRF846	RF34T	RV30-50
MHW710-1	MPSA14	MRF901	RF35	RV30-100
MHW710-2	MPSA18	MRF904	RF43	S10-12
MHW710-3	MPSA20	MRF911	RF46	S10-28
MHW720-2	MPSA55	MRF5175	RF47	S15-12
MHW820	MPSA70	MRF5176	RF48	S15-28
MHW7092	MPSH11	MRF5177	RF49	S25-12
MJ802	MPSH17	MRF8004	RF57	S25-50
MJ1000	MPSH55	MV840	RF58	S30-28
MJ2955	MPSH81	MV1624	RF59	S50-12
MJE340	MPSH83	MV2105	RF60	S50-28
MJE350	MPSU01	MV5054-1	RF67	S70-12
MJE370	MPSU51	MWA-110	RF79	S80-12

SEMICONDUCTOR PRICING

type	type	type	type	type
S80-28	SD1143-1	SD1429-3	TC9122P	UM9403
S100-12	SD1144-1	SD1433	TCD	UM9484
S100-28	SD1158	SD1434	TD300-50	UMIL-3
S100-50	SD1201	SD1441	TDA2002	UMIL-10
S175-28	SD1202	SD1444	TDA2003H	UMIL-25A
S175-50	SD1212-4	SD1450	TDA2003V	UMIL20FT
S200-50	SD1212-7	SD1451	TDR5F	UMIL25
S250-50	SD1214	SD1454	TDR5S	UMIL40FT
SAV6	SD1216	SD1459	TG150-50	UMIL60
SAV7	SD1219	SD1477	TIL307	UMIL70
SD1005	SD1219-4	SD1480	TIL309	UMIL80
SD1006	SD1220-1	SD1487	TIP29	UMIL100
SD1012-3	SD1222-5	SD1488	TIP30	UMIL100A
SD1012-4	SD1222-STUD	SD1499-1	TIP32	UMOB45
SD1013	SD1224-2	SD1528	TIP33B	UMOB55
SD1014-6	SD1229-F1	SD1545	TIP35B	UPC577H
SD1015	SD1229-STUD	SD1560	TIP41C	UTV-120
SD1018-6	SD1244-6	SJE649	TIP42	UTV-PM10A
SD1019	SD1256	SJE3055	TIP48	UTV-PM20A
SD1019-5	SD1262	SK3004	TIS93	UTV005
SD1020	SD1270	SK3006	TIS189	UTV010
SD1074	SD1272	SK3087	TK5923A/CD2579	UTV020
SD1076	SD1272-2	SRF2442K	TL082	UTV040
SD1077	SD1278	SRF2575	TL490CN	UTV080
SD1078	SD1278-1	SRF2926K	TPR175	UTV150
SD1080	SD1285	SS4134	TPR400	VAM40
SD1080-6	SD1300	SS4135	TPR400A	VAM80
SD1080-7	SD1303	STK401	TPR500	VAM120
SD1088	SD1316	TA150-50	TPR500A	VMIL20FT
SD1089	SD1317	TA7061AP	TR40-50	VMIL40FT
SD1098	SD1405	TA7063P	TS40-50	VMIL50
SD1115-2	SD1407	TA7069P	TSP150	VMIL60FT
SD1115-7	SD1407MP	TA7073AP	TSP350	VMIL80AFT
SD1127	SD1410	TA7205AP	TSP400	VMIL80FT
SD1131	SD1410-1	TA7205P	TSP650A	VMIL100
SD1133	SD1410-3	TA7222P	TSP850A	VMIL120FT
SD1133-1	SD1412	TAN15	TSP1000	VMOB70
SD1134-1	SD1412-3	TAN75	TSP1000B	VTV-075
SD1134-2	SD1413	TAN150H	TT40-50	VTV-150
SD1134-8	SD1414	TAN250A	U310	VTV-300
SD1134-STUD	SD1416	TB200-50	UDR450	ZO-28
SD1135	SD1418	TBA810AS	ULN2280B	ZO-28F
SD1135-3	SD1421	TBP18SA030	UM9260	
SD1136	SD1428	TBP24S10	UM9301	
SD1143	SD1429	TC250-50	UM9401	

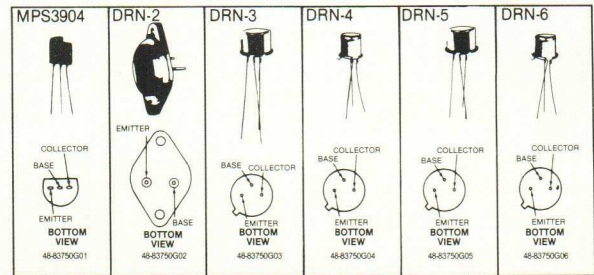
REPLACEMENT SEMICONDUCTORS

The RF Gain Replacement Program

Replacement Semiconductors for Communications Systems

RF Gain Engineering enables you to replace dozens of Motorola Transistor part numbers with just 6. RF Gain has taken important strides in saving you, the serviceman, the problem of having the right transistors on the shelf. In addition, RF Gain's pricing will save you hundreds of dollars every year.

(Replacement for ROGO Series)



1 MPS3904 Replaces: Part Number		2 2N3616 Replaces: Part Number		3 DRN-3 Replaces: Part Number		4 DRN-4 Replaces: Part Number		5 DRN-5 Replaces: Part Number		6 DRN-6 Replaces: Part Number	
48-869037	48-869357	48-124285	48-124206	48-134630	48-869260	48-134590	48-124317	48-134599	48-869003	48-869080	
48-869136	48-869377	48-125219	48-124246	48-869052	48-869271	48-134608	48-124319	48-134607	48-869009	48-869081	
48-869245	48-869378	48-125266	48-869083	48-869061	48-869285	48-869002	48-124322	48-134633	48-869038	48-869098	
48-869299	48-869389	48-125267	48-869091	48-869125	48-869355	48-869016	48-124327	48-869105	48-869040	48-869190	
48-869323	48-869390	48-125298	48-869104	48-869147	48-869430	48-869059	48-134483	48-869113	48-869041	48-869192	
48-869325	48-869418	48-134447	48-869142	48-869174	48-869431	48-869070	48-134500	48-869201	48-869058	48-869258	
48-869329	48-869453	48-134571	48-869255	48-869186	48-869491	48-869096	48-134573	48-869518	48-869071		
48-869338	48-869532	48-134582	48-869294	48-869187	48-869519	48-869110	48-134597				
		48-134583	48-869342	48-869209		48-869144					
		48-134584	48-869420			48-869199					
		48-134620	48-869458			48-869366					
		48-134608	48-869517								
		48-134661									

Also available MPS 3906
— Reverse Polarity to MPS 3904 —
(ROGO 1 complement)

General Purpose Diodes

These General Purpose diodes can be used to replace top hat, surmetic, and other similar types within the rated specs.

TYPE	SPEC	REPLACES
1N4003	1 Amp 200 Volts	48-82466H13
1N4007	1 Amp 1000 Volts	48-82466H18
1N5399	1½ Amp 1000 Volts	
R170	2½ Amp 1000 Volts	
BY127	1 Amp 1250 Volts	

Zener Diodes

RF Gain has all types of zener diodes available from stock. We can also replace the following Motorola Communications types:

48-82256C01	thru	48-82256C68
48-82533D02	thru	48-82533D14
48-83461E01	thru	48-83461E48
48-83624E01	thru	48-83624E92

Call us toll-free for price and delivery.

VIBRATORS

Vibrators

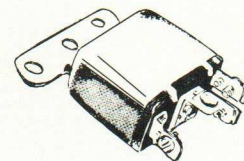
Prices and specifications subject to change without notice.

Catalog No.	Volts	Type
1501	6	INT
G1501	12	INT
1513	6/12	INT
1532	12	INT
1601	6	INT
G1601	12	INT
G1602	12	INT
1701A*	6/12	INT
1701A*	Bulk Pack Min. order 25	
1751	6	INT
G1801	12	SYN
1806	6	SYN
1807	6	SYN

12 VOLT RELAYS

Relays

12 Volt "A" Power



Replaces Motorola 59-813674

type

0104-100
0105-100
0105-12
0105-50
0204-50
0204-125
0510-10
0510-25
0510-50
0912-7
0912-25
0912-45
0915-40
8MOB1
8MOB5
8MOB5E
8MOB15
8MOB15E
8MOB25
8MOB45
9BSE10
9BSE35
9BSE55
A3-12
A3-28
A80-12
A5916
A5918
A5919
A6105
A6105A
AP15-12
AP30-12
AP30-12L
B1-12
B2-8Z
B3-12
B3-28
B5-8Z
B8-12

type

B12-28
B15-12
B25-28
B30-12
B40-12A
B40-28
B45-12
B70-28
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BAL0002-100
BAL0004-50
BAL0004-100
BAL0101-100
BAL0101-150
BAL0101-150A
BAL0101-200
BAL0102-150
BAL0104-50
BAL0105-50
BAL0105-100
BAL0204-50
BAL0204-125
BAM20
BAM40
BAM80
BAM100 SR
BAM120
BAP40-28
BAP80-28
BM15-12
BM30-12
BM45-12
BM80-12
BM100-28
BP8-12
BP15-12
BP30-12
BP30-12L
BYI-1
BYI-3

type

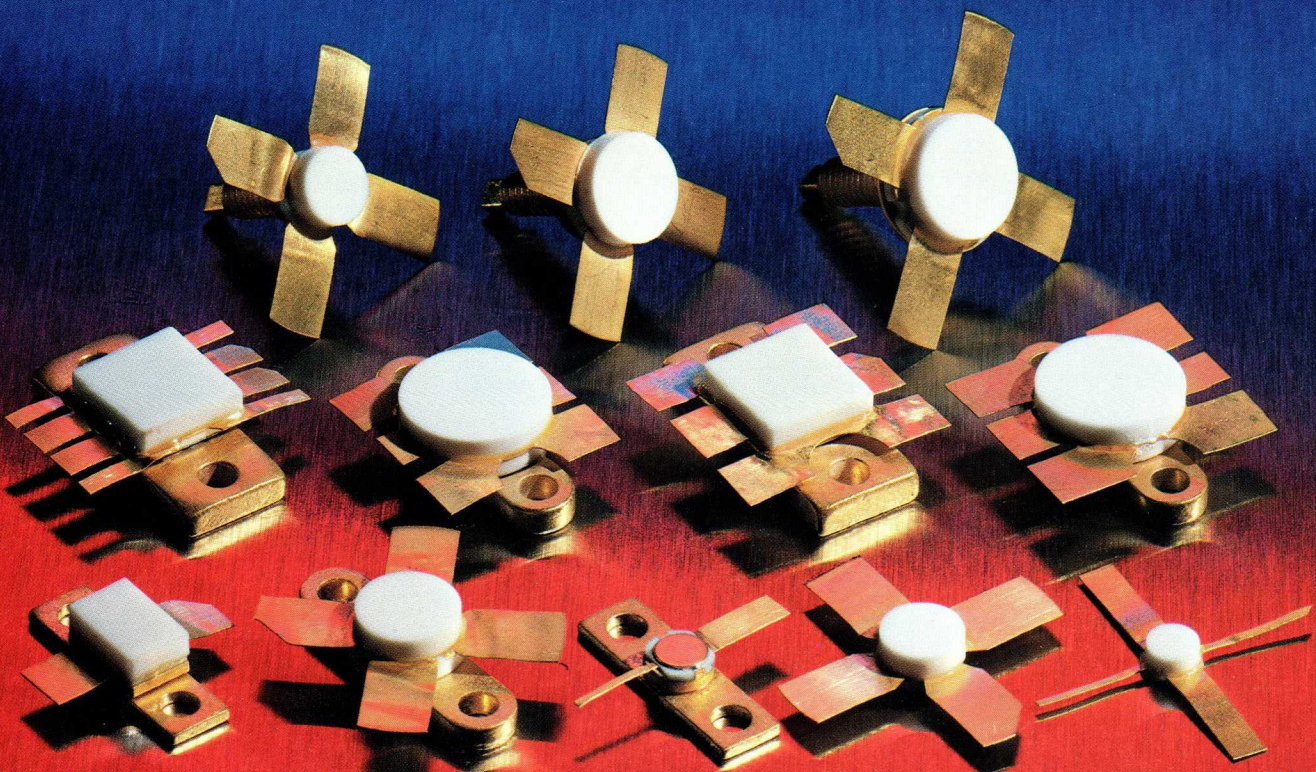
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C1-28
C2-8Z
C2M50-28
C2M60-28
C2M70-28R
C2M100-28A
C3-12
C3-28
C5-8Z
C5-12
C12-28
C25-28A
C40-28A
C50-28
CHE
CM10-12A
CM10-28
CM20-12A
CM25-28
CM25-28A
CM30-12A
CM45-12A
CM45-28
CM50-12A
CM60-12A
CM80-28
CM80-28R
CP5-12
CP10-12
D1-12B
GM0104-20
GM0104-100
GM0105-100
GM0204-125
H50-28
H100-28
H100-50
H175-50
MPA-101

type

MPA-201
MPA-202
PDA-201
RE100-100
RF125-100
RH100-100
RJ150-50
RK200-50
RL150-50
RM250-50
RM250-100
RN300-100
RV30-50
RV30-100
S10-12
S15-12
S15-28
S25-12
S25-50
S30-28
S50-12
S50-28
S80-12
S100-12
S100-28
S100-50
S175-28
S175-50
S200-50
S250-50
TA150-50
TAN15
TAN75
TAN150H
TAN250A
TB200-50
TC250-50
TD300-50
TG150-50
TPR175

type

TPR400
TPR400A
TPR500
TPR500A
TT40-50
UDR450
UMIL-3
UMIL-10
UMIL20FT
UMIL25
UMIL-25A
UMIL40FT
UMIL60
UMIL70
UMIL80
UMIL100A
UMOB45
UMOB55
UTV005
UTV010
UTV020
UTV040
UTV-120
UTV-150
UTV-PM10A
UTV-PM20A
VAM40
VAM80
VAM120
VMIL20FT
VMIL40FT
VMIL60FT
VMIL80FT
VMIL100
VMIL120FT
VMOB70
VTV-075
VTV-150
VTV-300
Z0-28F



MOBILE AMPLIFIERS

CONVERTA-PORTABLES

VHF AND UHF Mobile/Repeater Power Amplifiers

Output Power Guide (Approximate at 13.8 VDC)

Frequency	Model No.	Power Input	Power Output	DC Current*	Duty Cycle	Case Style
VHF 136-174 MHz	RF225V	2-4W	20-40W	4A	35%	Mini
	RF-440V	2-6W	25-45W	5A	75%	A
	RF-480V	2-6W	65-100W	15A	35%	A
	RF-2080V	10-25W	60-100W	10A	50%	A
	RF-2080VR	10-25W	60-100W	10A	100%	C
UHF 420-475 MHz	RF210U	2-4W	8-20W	3A	35%	Mini
	RF420U	2-6W	8-22W	4A	75%	A
	RF-445U	2-6W	25-45W	11A	35%	A
	RF-1545U	10-20W	25-45W	7A	50%	A
	RF-6100U	2-6W	70-100W	25A	35%	B
	RF-25100U	10-25W	70-100W	20A	50%	B
	RF-45100U	25-45W	70-100W	15A	50%	B
	RF-25100UR	10-25W	70-100W	20A	100%	C
	RF-45100UR	25-45W	70-100W	15A	100%	C
	RF-6100UR	2-6W	70-100W	25A	100%	C

General Specifications

Dimensions	Case A - 2 $\frac{5}{8}$ " H x 5 $\frac{1}{4}$ " W x 7 $\frac{3}{8}$ " D Case B - 3" H x 6 $\frac{1}{2}$ " W x 11" D Case C - 2 $\frac{3}{4}$ " H x 10" W x 19" D Mini - 1 $\frac{3}{4}$ " H x 3" W x 5 $\frac{3}{4}$ " D
Weight (Shipping)	Case A - 4 pounds Case B - 5 pounds Case C - 12 pounds Mini - 2 pounds
Temperature Range	-30 °C to +60 °C
Spurious Emissions	Meets or exceeds FCC requirements
Input SWR	1.5:1 Typical 2:1 Maximum
Input/Output Impedance	50 ohms
Frequency Spread	VHF 8MHz + UHF 20MHz

*DC current measured at maximum power output.

Note: R-Repeater amplifiers do not have bypass antenna switching as they are only for use as repeater amplifiers.

Converta/Portable

with microphone.

Turn your Portable into a Mobile,
Powers Portables and Charges Batteries.

For the following portables:

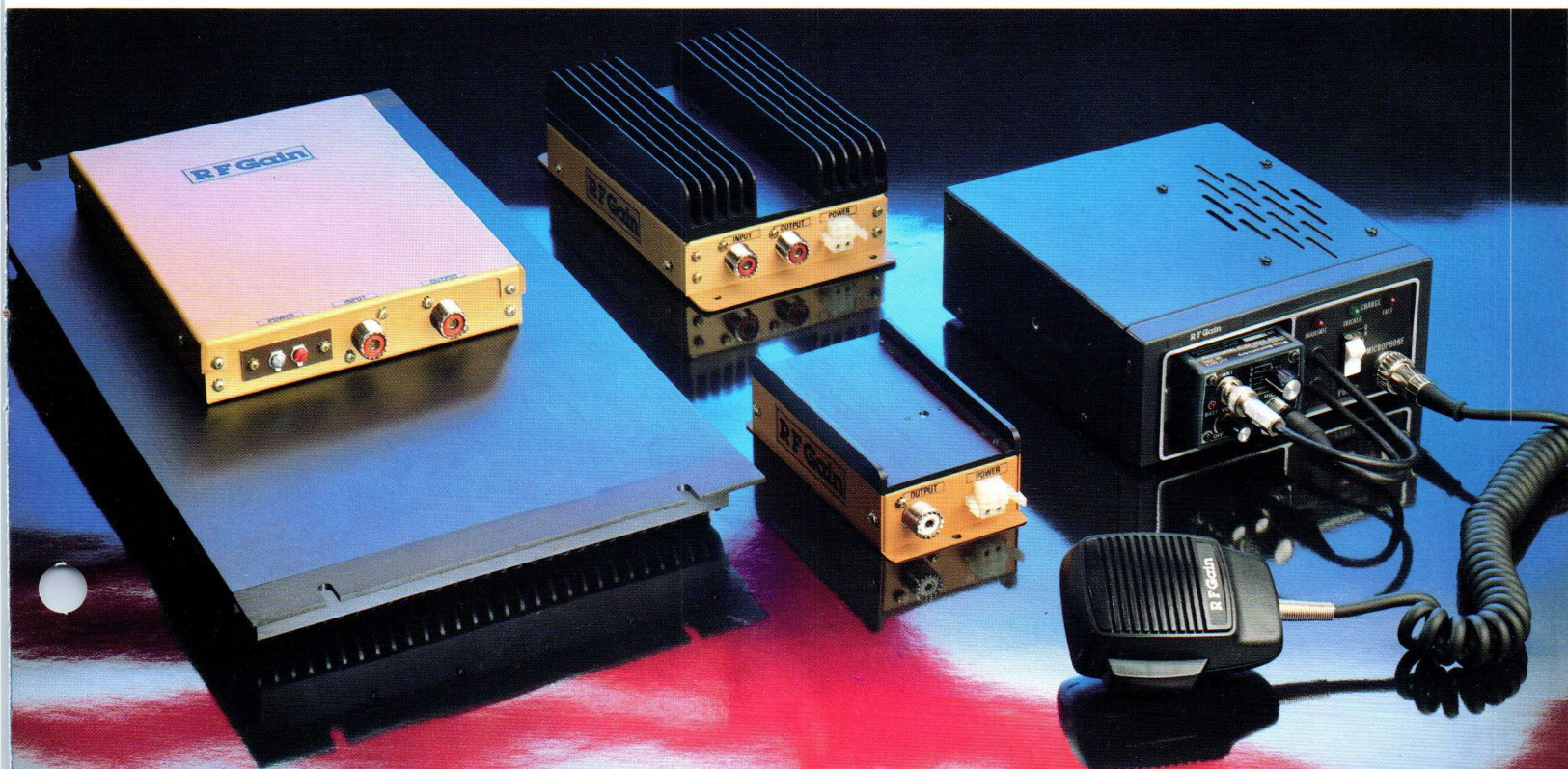
- E.F. Johnson
- Regency
- Wilson
- Standard
- Yaesu
- Shinway
- Aerotron
- Pathcom
- Henry

	VHF Amplifier/Charger	UHF Amplifier/Charger	Charger Only
Model Number	CP-V	CP-U	CP-101
Frequency Range	138-174 MHz	420-470 MHz	—
Frequency Spread	8 MHz +	20 MHz	—
RF Power Output			
2 watts input	20-25W	8-12W	2W
4 watts input	35-40W	17-20W	4W
6 watts input	40-45W	19-22W	6W
Current Drain (Max)	5A	4A	5A
Spurious and Harmonic Suppression (Min)	-60 dB	-60 dB	—

General Specifications

Operating Voltage	13.8 VDC
AF Power Output	5 watts
AF Distortion @ 5W	10%
Battery Charging Rate (approx.)	
Fast Mode	150 mA
Trickle Mode	50 mA
Dead Battery Override	Up to 1A
Microphone	Dynamic High Impedance
Input/Output Impedance	50 Ohms
Output Connector	50-239
Operating Temperature	-30 °C to +60 °C
Dimensions	2 $\frac{1}{4}$ " H x 7" W x 7 $\frac{1}{4}$ " D
Weight	4 lbs.

+Spread can be moved within frequency range with slight retuning.



SEMICONDUCTOR CROSS REFERENCE

MOTOROLA

Mfg. Part No.	Our Part No.	Mfg. Part No.	Our Part No.	Mfg. Part No.	Our Part No.
48-124206	DRN2	48-83698E51	M4548/M4609	48-869110	DRN4
48-124246	DRN2	48-83750G01	MPS3904	48-869113	DRN5
48-124285	DRN2	48-83750G02	DRN2	48-869124	M9124
48-124313	M4313	48-83750G03	DRN3	48-869125	DRN3
48-124317	DRN5	48-83750G04	DRN4	48-869128	MPS3703
48-124319	DRN5	48-83750G05	DRN5	48-869130	M9130
48-124321	MPS3703	48-83750G06	DRN6	48-869133	M9057
48-124322	DRN5	48-83875D05	DRN12	48-869134	M9134
48-124324	M9169	48-84080F11	2N4416	48-869135	M9135
48-124327	DRN5	48-84242C01	M4242C01	48-869136	MPS3904
48-124331	M4331	48-84411L02	M1102	48-869142	DRN2
48-124363	M4363	48-84411L03	M1103	48-869143	M9466
48-124368	M4548/M4609	48-84411L04	M1104	48-869144	DRN4
48-124374	M4548/M4609	48-84411L05	M1105	48-869145	M9145
48-124376	GE4	48-84411L06	M1106	48-869147	DRN3
48-124399	MPS3703	48-84411L07	M1107	48-869148	M9148
48-124667	M4667	48-84411L08	M1108	48-869160	M9160
48-125219	DRN2	48-84411L29	M1129	48-869163	M9160
48-125266	DRN2	48-84411L31	M1131	48-869164	MPS6507
48-125267	DRN2	48-84411L32	M1132	48-869166	M9166
48-125298	DRN2	48-84411L33	M1133	48-869168	M9168
48-128219	MPS3703	48-84411L34	M1134	48-869169	M9169
48-134360	DRN3	48-84411L35	M1135	48-869170	M9170
48-134434	MPS3703	48-84411L36	M1136	48-869173	M9173
48-134435	M4548/M4609	48-84411L37	M1137	48-869174	DRN3
48-134438	M4438	48-84411L45	M1145	48-869186	DRN3
48-134439	M4548/M4609	48-84411L55	M11L55	48-869187	DRN3
48-134440	2N5086	48-84755H01	2N5061	48-869190	DRN6
48-134447	DRN2	48-867716	M9169	48-869191	M9466
48-134483	DRN5	48-86851C37	2N2646	48-869192	DRN6
48-134500	DRN5	48-869002	DRN4	48-869196	2N2712
48-134504	M4363	48-869003	DRN6	48-869197	2N2712
48-134520	M4520	48-869009	DRN6	48-869199	DRN4
48-134524	MPS3703	48-869015	M9015	48-869201	DRN5
48-134548	M4548/M4609	48-869016	DRN4	48-869204	M9204
48-134549	M4548/M4609	48-869017	M9823	48-869209	DRN3
48-134571	DRN2	48-869024	M9204	48-869217	M9217
48-134572	M4331	48-869025	M9441	48-869221	M9221
48-134573	M4573	48-869026	M9057	48-869225	M9225
48-134579	M9169	48-869030	M9169	48-869226	DRN11
48-134582	DRN2	48-869031	M9168	48-869228	M9228
48-134583	DRN2	48-869032	M9168	48-869229	M9108
48-134584	DRN2	48-869037	MPS3904	48-869238	M9238
48-134589	M9204	48-869038	DRN6	48-869244	AF130
48-134590	DRN4	48-869040	DRN6	48-869245	MPS3904
48-134597	DRN5	48-869041	DRN6	48-869247	M9247
48-134598	DRN5	48-869043	M9043	48-869251	M9251
48-134599	DRN5	48-869047	M9168	48-869252	2N2716
48-134606	M4331	48-869052	DRN3	48-869253	M9253
48-134607	DRN5	48-869057	M9057	48-869254	M9283
48-134608	DRN2	48-869058	DRN6	48-869255	DRN2
48-134609	M4548/M4609	48-869059	DRN4	48-869256	2N2646
48-134620	M4620	48-869061	DRN3	48-869257	M9257
48-134630	DRN3	48-869067	M9169	48-869258	DRN6
48-134633	DRN5	48-869070	DRN4	48-869259	AF130
48-134661	DRN2	48-869071	DRN6	48-869260	DRN3
48-134674	M4674	48-869080	DRN6	48-869271	DRN3
48-134678	M4674	48-869081	DRN6	48-869274	M9225
48-82178A06	78A06	48-869083	DRN2	48-869280	M9404
48-82178A15	78A15	48-869091	DRN2	48-869282	M9282
48-82190H05	90H05	48-869096	DRN4	48-869283	M9283
48-82466H13	1N4003	48-869098	DRN6	48-869285	DRN3
48-82466H18	1N4007	48-869104	DRN2	48-869292	M9306
48-83192A64	AF130	48-869105	M9105	48-869293	2N2712
48-83193A65	AF130	48-869108	M9108	48-869294	DRN2

SEMICONDUCTOR CROSS REFERENCE

MOTOROLA (continued)

Mfg. Part No.	Our Part No.	Mfg. Part No.	Our Part No.	Mfg. Part No.	Our Part No.
48-869298	DRN6	48-869476	M9476	48-869632	RF67
48-869299	MPS3904	48-869479	M9423	48-869633	M9633
48-869301	M9301	48-869480	M9480	48-869635	M9635
48-869302	AF130	48-869481	M9776	48-869638	M9638
48-869303	M9303	48-869490	M9490	48-869639	2N3772
48-869306	M9306	48-869491	M9491	48-869640	MPSU01
48-869307	M9307	48-869493	MPSA20	48-869641	MPSU51
48-869311	M9311	48-869494	MPS6507	48-869642	MPSA20
48-869315	M9315	48-869514	MPS3703	48-869643	MPSA70
48-869316	M9316	48-869515	AF130	48-869645	MJE370
48-869320	M9320	48-869517	DRN2	48-869646	M9646
48-869322	M9322	48-869518	DRN5	48-869647	M9647
48-869323	MPS3904	48-869519	DRN3	48-869648	DRN11
48-869325	MPS3904	48-869528	MPS6520	48-869649	TIS93
48-869328	2N4403	48-869532	MPS3904	48-869651	2N4416
48-869329	M9329	48-869533	M9533	48-869652	2N5486
48-869338	MPS3904	48-869534	M9534	48-869653	M9653
48-869342	DRN2	48-869538	AF130	48-869654	M9654
48-869348	DRN16	48-869539	MPS3904	48-869656	RF25
48-869350	M9350	48-869540	M9540	48-869657	2N4427
48-869351	MPS3711	48-869543	MPS6543	48-869660	2N5461
48-869352	M9352	48-869547	M9547	48-869662	MPS6548
48-869355	DRN3	48-869548	2N5086	48-869663	MPS6568A
48-869356	M9456	48-869551	M9551	48-869665	M9669
48-869357	MPS3904	48-869552	M9552	48-869669	M9669
48-869362	M9404	48-869553	M9553	48-869674	M9674
48-869366	M9466	48-869565	M9533	48-869675	2N930A
48-869374	M9374	48-869568	MPS6532	48-869676	TIP41C
48-869377	MPS3904	48-869570	MPS3711	48-869677	DRN10
48-869378	MPS3904	48-869571	MPS3703	48-869681	M9681
48-869386	2N2646	48-869572	MPS6566	48-869687	3N201
48-869387	M9204	48-869575	M9776	48-869688	RF89
48-869389	MPS3904	48-869576	AF66	48-869691	RF92
48-869390	MPS3904	48-869579	M9579	48-869701	DRN15
48-869404	M9404	48-869580	M9580	48-869703	2N4427
48-869410	M9404	48-869582	MJE521	48-869710	M9710
48-869411	M9411	48-869583	M9583	48-869711	M9711
48-869414	M9306	48-869584	M9584	48-869715	M9715
48-869418	MPS3904	48-869585	2N5636	48-869718	M9718
48-869419	M9419	48-869586	2N5637	48-869719	M9719
48-869420	DRN2	48-869587	M9587	48-869720	M9720
48-869423	M9423	48-869588	M9588	48-869725	M9725
48-869425	M9425	48-869591	2N4427	48-869728	M9728
48-869426	2N4037	48-869594	2N5088	48-869736	M9736
48-869427	M9427	48-869595	M9595	48-869737	M9737
48-869428	M9428	48-869597	M9467	48-869738	M9738
48-869430	M9430	48-869598	M9476	48-869739	M9739
48-869431	DRN3	48-869599	2N5913	48-869740	M9740
48-869434	M9434	48-869600	M9600	48-869741	M9741
48-869435	M9435	48-869601	M9601	48-869751	M9736
48-869439	M9439	48-860606	M9606	48-869752	M9737
48-869440	M9440	48-869614	M9614	48-869755	RFJ-1
48-869441	M9441	48-869616	RF94	48-869765	M9588
48-869444	M9444	48-869617	RF94	48-869766	M9766
48-869445	M9445	48-869618	MJE521	48-869776	M9776
48-869446	M9466	48-869619	MJE371	48-869777	M9777
48-869447	2N2712	48-869622	2N6094	48-869780	M9780
48-869453	MPS3904	48-869623	2N6095	48-869781	M9781
48-869456	M9456	48-869624	2N6096	48-869787	2N6515
48-869457	M9776	48-869625	2N6097	48-869806	TIP41C
48-869458	DRN2	48-869627	2N3232	48-869807	M9807
48-869466	M9466	48-869628	2N3772	48-869822	2N6094
48-869467	M9467	48-869629	M9629	48-869823	M9823
48-869471	MPS3703	48-869630	M9630	48-869827	M9827
48-869475	M9475	48-869631	2N4427	48-869846	M9846

SEMICONDUCTOR CROSS REFERENCE

MOTOROLA (continued)

Mfg. Part No.	Our Part No.	Mfg. Part No.	Our Part No.	Mfg. Part No.	Our Part No.
48-869847	M9847	48-869897	M9897	48-CSP1050	TIS93
48-869848	M9848	48-869898	M9898	48-SP1068	DRN11
48-869850	M9850	48-869906	M9906	48-SP1069	TIS93
48-869851	RFJ-3	48-869908	M9908	48-SP1071	TIS93
48-869859	SD1127	48-869911	M9911	51-80065C01	65C01
48-869860	M9860	48-869916	M9898	51-80065C05	M2077
48-869866	2N6095	48-869917	M9898	51-84312B36	M1236
48-869867	2N4427	48-869926	M9926	51-84312B37	M1237
48-869872	M9872	48-869553	M9953	51-84320A77	M2077
48-869874	M9874	48-869558	M9958	51-84621K60	M2160
48-869875	SD1410	48-869960	M9960		
48-869876	SD1412	48-869965	M9965		
48-869877	SD1098	48-ASP1068	DRN11		
48-869887	M9887	48-ASP1070	DRN11		
48-869888	RF80	48-ASP1071	TIS93		

GENERAL ELECTRIC

19A115050P1	1N270	19A115786P1	2N3053	19A129183P1	TIP48
19A115077P1	2N398B	19A115852P1	2N3906	19A129183P2	TIP48
19A115100P1	1N458	19A115889P1	2N2712	19A129283P1	C3-12
19A115123P1	123P1	19A115889P3	2N2712	19A129283P2	283P2
19A115123P2	123P1	19A115910P1	2N3904	19A129283P3	283P3
19A115137P1	328P1	19A115925P1	2N918	19A129283P4	C30-12
19A115167P2	328P1	19A115934P1	2N3458	19A134060P1	4060-1
19A115208P1	2N3906	19A115948P1	TIP33B	19A134060P2	4060-2
19A115246P1	40250	19A116017P1	2N5302	19A134060P3	4060-3
19A115247P1	2N1024	19A116028P1	6028P1	19A134060P4	4060-4
19A115249P1	2N918	19A116029P1	6029P1	19A134093P1	2N4391
19A115249P2	2N918	19A116029P2	6029P2	19A134104P1	RF104P1
19A115267P1	DRN2	19A116029P3	6029P3	19A134132P1	191-3/116191P3
19A115268P1	MJ2955	19A116029P4	6029P4	19A134137P1	2N3458
19A115293P1	DRN2	19A116060P1	6060P1	19A134163P1	4163P1
19A115293P2	2N1537	19A116118P1	6118P1	19A134164P1	2N5945
19A115300P1	2N3053	19A116141P1	2N2996	19A134164P2	2N5945
19A115315P1	328P1	19A116191P1	6191P1	19A134171P1	4171P1
19A115328P1	328P1	19A116191P2	6191P2	19A134171P2	RFJ-2
19A115330P1	2N4274	19A116191P3	191-3/116191P3	19A134171P3	4171P3
19A115330P2	2N4274	19A116201P3	RF604	19A134171P4	4171P4
19A115342P1	2N918	19A116203P1	TIP33B	19A134237P1	4237P1
19A115342P2	2N918	19A116203P2	TIP33B	19A134239P1	4239P1
19A115343P1	123P1	19A116375P1	TIP32	19A134239P2	4239P2
19A115362P1	2N2925	19A116376P1	MJ2955	19A134239P3	4239P3
19A115362P2	2N2925	19A116631P1	2N3643	19A134242P1	4242P1
19A115364P1	2N2646	19A116642P1	2N5061	19A134243P1	4243P1
19A115376P1	MJ2955	19A116742P1	2N5496	19A134247P1	2N3251
19A115387P1	2N404A	19A116753P1	2N5302	19A134340P1	4340P1
19A115393P1	2N3638A	19A116755P1	DRN2	19A134340P2	4340P2
19A115413P1	2N2996	19A116760P1	MJ2955	19A134340P3	4340P3
19A115413P3	2N2996	19A116774P1	2N5210	19A134340P4	4340P4
19A115440P1	RFG108A	19A116818P1	3N187	19A134387P1	4387P1
19A115440P2	RFG108A	19A116839P1	839P1	19A134430P1	430-1
19A115487P1	2N442	19A116839P2	839P2	19A134430P2	430-2/134430-2
19A115527P1	40250	19A116839P3	RF35	19A134430P3	430-3
19A115552P1	2N3904	19A116839P4	RF35	19A134431P1	DM5-12E
19A115555P1	2N3053	19A116868P1	2N4427	19A134432P1	SD1418
19A115562P1	2N2904A	19A116899P1	2N2369A	19A134433P1	SD1421
19A115562P2	2N2904A	19A116953P1	C3-12	19A134447P1	2N5179
19A115567P1	2N3251	19A116953P2	C12-12	19A134698P1	4698P1
19A115666P1	2N918	19A116960P1	2N4416	19A134960P1	2N3638A
19A115666P2	2N918	19A116965P1	2N6080	19A143684P1	684P1
19A115706P1	2N3638A	19A116965P2	RF104P1	19A700022P1	2N3906
19A115706P2	2N3638A	19A129165P1	2N5945	19A700023P1	2N3904
19A115720P1	2N2222A	19A129181P1	B3-12	19B200131P1	2N2996
19A115768P1	2N3702	19A129181P2	2N6082	4037793P1	2N1303
19A115768P2	2N3702	19A129181P3	181P3	5490810P1	2N442
19A115774P1	40251	19A129181P4	RF13	5492655P4	2N1086
19A115779P1	2N3251	19A129181P5	4060-4	5496663P3	2N178

SEMICONDUCTOR CROSS REFERENCE

AEROTRON

Mfg. Part No.	Our Part No.	Mfg. Part No.	Our Part No.	Mfg. Part No.	Our Part No.
2005-0802-053	MHW710-2	4811-0000-032		4812-0000-009	TIS189
2005-0803-021	MHW710-3	4811-0000-034	2N5223	4812-0000-012	MPS5179
3130-3157-636	74LS164	4811-0000-035	2N5590	4812-9005-046	2N5458
4805-0000-002	UM9260	4811-0000-036	2N5591	4813-0000-001	MPSA13
4805-0000-003	UM9401	4811-0000-037	2N4427	4813-0700-001	MJE700
4805-0000-004	MPN3401	4811-0000-038	MPS6512	4820-0000-005	2N278
4805-0000-005	UM9403	4811-0000-039	2N5913	4820-0001-007	MP2100A
4805-0000-006	MPN3500	4811-0000-040	SD1134-1	4821-0000-011	2N6081
4805-0000-008	UM9301	4811-0000-041	2N2222A	4821-0000-023	2N6080
4806-0000-001	1N6263	4811-0000-042	2N3646	4821-0000-024	2N6083
4806-0645-075	MBD101	4811-0000-043	2N4072	4821-0000-025	A30-12
4810-0000-001	2N1376	4811-0000-044	2N3638A	4821-0000-026	A3-12
4810-0000-005	2N2672	4811-0000-045	MPSA13	4821-0000-027	SD1133
4810-0000-009	2N2362	4811-0000-046	SD1416	4821-0000-028	C5-12
4810-0000-011	2N1098	4811-0000-048	MPSH81	4821-0000-029	CM20-12A
4810-0000-013	MJE370	4811-0000-050	PN5130	4821-0000-030	CM45-12A
4810-0000-017	MJE2901	4811-0000-051	PT8861A	4821-0000-031	CD3286
4810-0000-018	MPS3638A	4811-0000-052	PT8864A	4821-0000-032	2N5867
4810-0000-019	2N3791	4811-0000-054	PT8854B	4821-0000-034	2N3789
4810-0000-020	MJE2801	4811-0000-055	MPS5172	4821-0000-035	CD3603
4810-0000-021	MPSH55	4811-0000-056	MPSA05	4821-0000-036	D1-12B
4810-0000-022	2N5986	4811-0000-057	2N5227	4821-0000-037	RF2236
4811-0000-001	2N3053	4811-0000-058	MPSA55	4821-0000-038	SD1421
4811-0000-003	40242	4811-0000-059	MPS2369	4821-0000-039	SRF2575
4811-0000-005	MPS3646	4811-0000-061	GES6011	4821-0000-040	C5-12
4811-0000-008	2N2923	4811-0000-062	MJE350	4821-0000-041	BM30-12
4811-0000-009	2N3638A	4811-0000-063	2N5683	4821-0000-042	SRF2926K
4811-0000-010	2N2219A	4811-0000-064	RF476	4821-0000-043	SD1434
4811-0000-011	2N3568	4811-0001-039	2N5398	4821-0000-044	D45C6
4811-0000-012	MPS6514	4811-0001-041	SD1134-1	4821-0000-045	D45VH4
4811-0000-013	40250	4811-0002-039	MPS3646	4821-0000-050	RF33
4811-0000-014	2N5183	4811-0649-012	SD1134-1	4821-0000-053	CM20-12A
4811-0000-018	2N5130	4811-0802-047	RF245	4821-0004-029	CM20-12A
4811-0000-020	MPS6573	4811-0802-056	2N4417	4821-0004-040	C5-12
4811-0000-021	MJE520	4811-0802-057	J03701	4821-0644-011	2N6081
4811-0000-024	2N5222	4811-0802-441	J03701A	4821-0644-012	2N6084
4811-0000-027	2N5225	4811-0805-071	2N5398	4821-0722-031	B12-28
4811-0000-028	2N5226	4811-1532-507	2N5883	4821-0722-032	RF35
4811-0000-029	2N3415	4812-0000-004	JE340	4821-0802-056	SD1088
4811-0000-030	MJE521	4812-0000-005	2N5485	4821-1047-011	2N5884
4811-0000-031	MJE371	4812-0000-008	2N5486	4821-1048-012	2N5230
			3N212		

JOHNSON

544-2006-012	EFJ6012	576-0002-016	EFJ2016	576-0004-006	EFJ4006
544-2006-013	RFJ6013	576-0002-023	EFJ2023	576-0004-007	EFJ4007
544-4001-015	MHW710-2	576-0002-027	MPSU01	576-0004-008	EFJ4008
576-0001-001	MPS3638	576-0002-029	EFJ2029	576-0004-009	EFJ4009
576-0001-006	2N2923	576-0002-031	2N5883	576-0004-012	2N3553
576-0001-007	2N2924	576-0003-003	40246	576-0004-014	EFJ4014
576-0001-010	EFJ1010	576-0003-008	EJ3008	576-0004-015	EFJ4015
576-0001-011	2N4888	576-0003-009	EFJ3009	576-0004-016	EFJ4016
576-0001-014	EFJ1017	576-0003-015	EFJ3015	576-0004-017	EFJ4049
576-0001-016	EFJ1016	576-0003-016	MPSH83	576-0004-018	2N6082
576-0001-017	EFJ1017	576-0003-019	2N3639	576-0004-019	EFJ4019
576-0001-018	EFJ1018	576-0003-027	EFJ3027	576-0004-021	EFJ4021
576-0002-002	DRN2	576-0003-029	EFJ3029	576-0004-022	EFJ4022
576-0002-003	EFJ2003	576-0003-032	BFY90	576-0004-024	SD1434
576-0002-004	EFJ2004	576-0003-053	2N4124	576-0004-026	EFJ4026
576-0002-006	EFJ2006	576-0003-061	2N4403	576-0004-027	SD1434
576-0002-009	EFJ2009	576-0004-001	EFJ4001	576-0004-028	EFJ4028
576-0002-010	2N278	576-0004-002	2N5913	576-0004-029	SD1434
576-0002-011	EFJ2011	576-0004-003	2N3926	576-0004-030	EFJ4030
576-0002-013	EFJ2013	576-0004-005	EFJ4005	576-0004-031	SD1134-1

SEMICONDUCTOR CROSS REFERENCE

JOHNSON (continued)

Mfg. Part No.	Our Part No.	Mfg. Part No.	Our Part No.	Mfg. Part No.	Our Part No.
576-0004-032	RF5915	576-0004-801	EFJ4801	976-0720-067	2N5143
576-0004-034	EFJ4034	576-0004-804	EFJ4804	976-0720-068	2N5180
576-0004-036	EFJ4069	576-0004-805	EFJ4805	976-0720-069	2N5189
576-0004-040	40972	576-0004-806	EFJ4806	976-0720-070	2N5248
576-0004-046	EFJ4046	576-0004-807	EFJ4807	976-0720-071	2N5295
576-0004-048	EFJ4048	576-0004-808	EFJ4808	976-0720-076	40319
576-0004-049	EFJ4049	576-0004-809	EFJ4809	976-0720-077	40340
576-0004-050	SD1444	576-0005-001	2N4870	976-0720-079	2N1651
576-0004-051	EFJ4051	576-0006-002	2N5457	976-0720-091	2N4972
576-0004-053	SD1416	576-0006-015	2N5115	976-0720-098	MJE340
576-0004-054	2N5945	576-0006-228	3N209	976-0720-099	2N2905A
576-0004-055	EFJ4069	976-0720-001	2N5248	976-0720-100	2N3713
576-0004-056	2N5945	976-0720-002	MPSU01	976-0720-108	2N5130
576-0004-057	2N5946	976-0720-003	3N128	976-0720-110	2N5422
576-0004-058	2N5944	976-0720-007	2N441	976-0720-111	2N5591
576-0004-059	RF515	976-0720-009	EFJ1017	976-0720-112	2N5590
576-0004-060	2N4428	976-0720-012	2N706A	976-0720-113	2N5589
576-0004-061	EFJ4061	976-0720-013	2N718	976-0720-117	MPF121
576-0004-062	EFJ4062	976-0720-014	2N1011	976-0720-118	PT3161F
576-0004-063	EFJ4063	976-0720-021	2N2084	976-0720-121	2N5881
576-0004-064	RF629	976-0720-023	2N2360	976-0720-123	TIP29
576-0004-065	RF237	976-0720-026	2N2398	976-0720-124	TIP30
576-0004-066	CM60-12A	976-0720-030	2N2646	976-0720-125	2N5885
576-0004-068	EFJ4068	976-0720-034	2N3055	976-0720-126	2N6081
576-0004-069	EFJ4069	976-0720-040	PT3161A	976-0720-127	2N6071
576-0004-071	SD1229-STUD	976-0720-041	PT3161B	976-0720-128	2N5031
576-0004-072	SD1229-STUD	976-0720-042	PT3161C	976-0720-129	2N5641
576-0004-073	EFJ4073	976-0720-043	PT3161D	976-0720-132	MRF231
576-0004-075	EFJ4075	976-0720-052	2N3565	976-0720-133	MRF234
576-0004-076	EFJ4076	976-0720-053	2N3567	976-0720-135	2N4231A
576-0004-077	EFJ4077	976-0720-054	2N3569		
576-0004-078	EFJ4078	976-0720-056	2N3641		
576-0004-081	EFJ4081	976-0720-061	2N4128		
576-0004-084	EFJ4084	976-0720-065	2N5128		
576-0004-800	EFJ4800	976-0720-066	2N5135		

QUINTRON

5870024000	A3-28	5870030000	C5-12	5870036000	RF648
5870025000	B3-28	5870031000	CM20-12A	5876199000	B25-28
5870026000	C1-28	5870032000	CM45-12A	5876200000	BAM120
5870027000	D3-28	5870033000	CM50-12A	5876201000	B70-28
5870028000	CM25-28	5870034000	B8-12	5876203000	RF3285
5870029000	CHE	5870035000	B30-12	5876207000	S175-28

REPCO

48-01-029	1-029	48-01-084	1-084	530-077-01	1-085
48-01-040	1-040	48-01-085	1-085	530-077-02	1-098
48-01-041	1-041	48-01-087	1-087		
48-01-042	1-042	48-01-088	1-088		
48-01-051	CD1804	48-01-093	1-093		
48-01-064	1-064	48-01-094	1-094		
48-01-068	2N3019	48-01-098	1-098		
48-01-074	1-074	48-12-008	2N4232		
48-01-078	A50-12	48-12-009	2N6313		
48-01-083	1-083	530-059-02	1-094		

SEMICONDUCTOR CROSS REFERENCE

REGENCY - WILSON

Mfg. Part No.	Our Part No.	Mfg. Part No.	Our Part No.	Mfg. Part No.	Our Part No.
3130-0000-013	78L05CZ	3130-5441-503	74LS157N	4804-3169-510	SD1272
3130-0000-016	78L12ACP	3130-5441-505	14094	4804-3169-511	RF239
3130-0000-015	LM305AH	3130-5441-506	TBP24S10	4804-3169-601	SD1144-1
3130-0000-019	78M05C	3130-5441-507	74LS447	4804-3169-602	SD1144-1
3130-0000-022	7805CT	3130-6073-303	6805P2MP	4804-3169-603	SD1144-1
3130-0000-027	78H12SC	3130-6424-500	MC145156	4804-3169-604	2N3553
3130-0860-000	MC3357P	3131-0000-001	TIL307	4804-3169-605	2N4427
3130-0860-020	LM386N1	3131-0000-002	TIL309	4804-3169-606	2N4427
3130-3157-603	MC1357P	3132-5460-800	MHW820	4804-3169-607	MRF515
3130-3157-606	7495	4801-0000-001	MPSA55	4804-3169-608	RF237
3130-3157-607	7473P	4801-0000-002	MPS6518	4804-3169-609	RF517
3130-3157-608	7493P	4801-0000-003	PS1476	4804-3169-801	SD1477
3130-3157-609	MC1034L	4801-0000-005	MPSA05	4804-3169-803	SD1429
3130-3157-610	7490P	4801-0000-010	PS952	4804-3169-804	SD1434
3130-3157-611	74196N	4801-0000-013	PS9521	4804-3170-901	2N6097
3130-3157-612	74S00N	4801-0000-016	PS9522	4804-3170-902	RF221
3130-3157-613	74S113S	4801-0000-026	MPSH81	4804-3170-903	RF23
3130-3157-614	LM380N	4801-0000-030	MPS3866	4804-3170-904	RF43
3130-3157-616	MC3401P	4801-0000-035	PS1473	4804-3173-302	SD1272
3130-3157-617	74C04N	4801-0000-036	2N5087	4804-3173-304	RF239
3130-3157-621	74C02N	4801-0000-045	1475	4804-3269-801	RF245
3130-3157-624	7402A	4801-0000-060	1539	4804-3269-802	698-2
3130-3157-625	74C33N	4801-0000-095	2N5130	4804-3269-803	RF641
3130-3157-626	LM324N	4801-0000-115	2SC684	4804-3269-804	RF646
3130-3157-627	4001B	4801-0000-135	2N5447	4804-3269-805	698-05
3130-3157-628	14011	4801-0000-140	2N5183	4804-3270-900	709-00
3130-3157-632	74LS02	4801-0800-025	MPS3866A	4804-3288-301	SD1212-7
3130-3157-634	74LS73	4801-0869-160	2SA695D	4804-3402-301	SD1444
3130-3157-635	74LS93	4801-0869-520	2SC710D	4804-3411-800	304-118
3130-3157-637	LM2902N	4801-0870-040	2SC1209D	4804-3411-801	RF260
3130-3157-638	ULN2280B	4801-0870-120	2SC1311E	4804-3411-802	RF264
3130-3157-639	4030BE	4801-0870-200	2SC1815Y	4804-3437-101	RF559
3130-3157-641	74LS197J	4801-0870-360	BFY90	4804-3437-301	BFR90
3130-3157-648	4066B	4801-0871-220	MPSH17	4811-0000-001	3N201
3130-3157-649	4013B	4801-0871-420	MPSA14	4811-0000-005	J310
3130-3157-654	7414	4801-0872-000	RF627	4811-0000-010	2N5246
3130-3157-655	MC1723CP	4801-0873-000	RF2442K	4811-0000-015	2N5245
3130-3167-901	MC1550P	4801-1439-600	BF689K	4811-0000-020	2N5245
3130-3167-902	LM567N	4801-3425-300	2N5179	4811-0000-030	2N5668
3130-3167-904	MC1458CP1	4801-3434-200	BF689K	4811-0870-040	JF1033B
3130-3167-907	741CP	4802-0000-002	SJE649	4811-0870-600	3SK40M
3130-3167-909	LM358N	4802-3274-200	SJE3055	4811-3406-200	U310
3130-3167-910	LM386N	4803-0000-005	2N3055	4811-3411-700	3N212
3130-3167-911	MC3310P	4803-0000-010	2N5885	4812-0000-001	2N3654
3130-3167-912	TL082	4803-0000-011	2N4398	4813-0000-001	2N4871
3130-3167-914	CA3130E	4803-0869-600	2SC730	4814-0000-001	2N6057
3130-3167-915	MM5369N	4803-0869-720	2SC741	4814-0000-002	D40C1
3130-3167-921	LM386N3	4803-0871-200	RF237	4815-3302-200	MBD201
3130-3193-501	7445N	4803-0871-210	RF240	4815-3408-600	UM9484
3130-3193-509	14572CP	4803-0871-240	RF247	4815-3408-601	UM9401
3130-3193-514	74C157	4803-0871-290	MRF904	4820-0000-001	MDA3501
3130-3193-516	4017BE	4803-0871-400	MRF515		
3130-3193-517	4051BE	4804-0870-700	2N5668		
3130-3193-519	74247	4804-0870-720	2N5944		
3130-3193-522	4520B	4804-0870-800	2N6082		
3130-3193-529	TL490CN	4804-0870-880	2N6084		
3130-3193-531	7447AN	4804-0870-890	3N201		
3130-3193-533	14501BCP	4804-0871-120	SD1143		
3130-3420-900	MM5402N	4804-3169-008	SD1272		
3130-3422-002	14584B	4804-3169-501	2N6081		
3130-5407-601	TDA2003H	4804-3169-503	SD1229-STUD		
3130-5407-602	TDA2003V	4804-3169-505	SD1133		
3130-5441-401	74LS373	4804-3169-506	SD1143		
3130-5441-402	74LS374	4804-3169-508	RF239		
3130-5441-501	74S288N	4804-3169-509	RF239		

SEMICONDUCTOR CROSS REFERENCE

RCA - TACTEC

Mfg. Part No.	Our Part No.	Mfg. Part No.	Our Part No.	Mfg. Part No.	Our Part No.
112524	1N60	235192	40232	246064	2N4249
121180	1N4721	235194	2N408	246137	2N4126
125389	2SC458	235205	2N3241	246365	40250V1
125390	2SC460	235980	1N270	246568	40347V2
125995	2SC535	235986	1N482	246589	2N3739
127355	2SC458	235988	1N3253	247529	2N3391A
213943	1N536	235994	1N1792A	247753	SD1229-STUD
215443	1N538	236201	1N753A	247754	SD1229-STUD
217119	2N442	236251	2N3564	247774	RF35
217230	2N443	236282	MM3009	247775	RF35
223124	2N652	236283	2N2646	247807	RF79
223365	2N301	236286	2N3566	247959	1N5232B
223366	2N404	236567	40341	247974	2N5485
223662	2N176	236577	2N2876	247994	2N4427
223939	2N1193	236650	2N2891	247995	B3-12
223947	2N404	236854	2N3771	247996	RF6
224584	2N410	237345	2N3391A	247997	SD1216
224588	2N1745	237359	2N3053	248023	2N2923
225309	2N1132	237551	1N1784	248024	2N2924
225311	2N384	237753	2N834	248338	2N4870
225604	2N1742	237787	2N3904	249301	RF34T
226239	2N706A	237841	2N3905	249302	2N5946
226684	2N398B	239713	2N3772	249635	2N4427
226789	2N1501	240739	2N2405	249688	RF35
226791	2N1102	240740	2N3810	249689	RF35
227422	1N34A	240824	2N3118	249690	RF35
227426	SK3006	241081	D13D1	249691	RF35
227434	1N3254	241304	DTS402	249711	2N4398
227448	1N198A	241710	3N128	249780	3N140
227449	SK3087	241778	2N3563	249987	C3-12
227451	2N218	241884	2N4126	249988	C3-12
227466	2N1742	241945	RF3123	249989	C3-12
227675	1N1199A	242246	40894	249990	C3-12
227826	1N295	242422	2N3702	249991	C12-12
228126	SK3004	242717	2N4124	249992	C12-12
228229	2N301A	242718	2N4123	249993	C25-12
228230	2N1550	242720	2N4123	249994	C25-12
228255	1N3491	242758	RF3123A	316751	RF35
228287	2N508	242759	RF3123A	418036	1N1770
228552	2N1551	242760	2N4125	418193	2N4918
228661	2N834	242834	2N2997	418279	1N5155
228683	2N2360	243279	40389	418324	1N3659
228726	2N2217	243283	2N4427	418325	1N3659R
228776	1N281	243284	2N4427	418350	2N915
229040	1N3754	243353	2N4427	418607	2N5088
229042	1N1341B	243354	2N3926	418608	2N5306
229505	2N1745	243388	2N3564	418659	MV1624
229506	2N1742	243528	40405	419046	2N3053
229507	2N1742	243585	2N5088	419047	2N4898
229509	2N404	243645	2N834	419433	1N5242B
229535	1N754A	243922	40405	419441	1N5237B
230254	2N3053	243939	2N1370	419463	MPS6521
230380	1N3255	244095	RF3123A	420377	1N5395
230382	2N3053	244125	2N4248	420558	2N3819
231375	2N1613	244128	MPF106	420720	2N5355
231890	2N2613	244593	2N3611	420978	B40-12
231996	1N82A	244860	2N2631	421025	2N6082
232018	1N82A	245046	2N4871	421617	2N3947
232359	2N3055	245057	2N5060	421797	1N5349B/12V5W
233969	2N3638A	245173	MV840	422898	C3-12
234042	2N3399	245188	2N4427	422899	C12-12
234178	40050	245791	2N834	422900	RF6136
234857	2N3251A	245792	2N834	422901	C30-12
234883	2N2586	245793	2N834	423249	2SC608
235157	1N1199A	245794	2N3251A	423924	CM40-12MP

SEMICONDUCTOR CROSS REFERENCE

RCA — TACTEC (continued)

Mfg. Part No.	Our Part No.	Mfg. Part No.	Our Part No.	Mfg. Part No.	Our Part No.
423925	CM40-12	428782	2N2430	433335	2N6080
424221	2N2369A	428783	2N4077	433875	1N4735A/6.2V1W
424226	2N4401	428918	1N4371A	434145	SD1416
424229	2N4403	428931	2N4360	434416	CM40-12
424595	1N5232A	428932	MJ1000	434416	CM40-12MP
424760	2SC715E	428934	2N4892	437002	C1-12
424863	1N4148	428937	2N5193	437003	BLX68CF
425319	CD1428	429019	CD4011AE	437004	CM10-12A
425320	CD1427	429089	2N4107	437005	SD1088
425864	2N4259	429308	1N5241B	437006	437006
425865	1N5149	429887	2N4342	437007	BLX68CF
426188	2SA486	430031	1N5225	437009/7794-1	BLX68CF
426225	2N3054	430265	MPSU55	437010/7795-1	RF88
426236	2N4058	430412	SD1416	437011/7796-1	SD1428
426312	1N750A	430414	BM45-12	437012/7797-1	RF4070
426494	MPS6530	430416	430416	438548	MHW710-1
426501	2N6110	430625	1N1202A	438626	SD1089
426502	2N6111	430727	1N1614	443334	RF30
426503	1N5232B	430735	1N497	443335	2N6080
426572	RF6	430743	1N1781	443840	RF110
426578	1N2859A	430748	1N3193	443841	RF46
426582	1N3619	430807	1N758A	445288	RF59
426641	1N4004	430918	2N270	445289	RF60
426946	MHW710-2	430920	2N109	445290	RF57
427506	1N755A	430930	1N91	445291	RF58
427512	2N1305	431010	2N3250	446087	SD1429
427730	2N1549	431946	2N441	446088	RF646
427981	B40-12	432345	1N5385B/170V5W	446751	C3-12
427987	B40-12	432804	2N5457	453039	2N4427
428101	1N4737A/7.5V1W	432837	2N4072		
428175	MV2105	432845	1N5385B/170V5W		
428451	2N2222A	432846	1N5346B/9.1V5W		
428684	2N4234	432948	RF4070		
428704	2N5375	432956	2N5494		
428705	2N5371	432957	MJE720		

STANDARD

HC00LM555A	555CN	HC10023060	UPC577H	HCM314572A	MC14572U
HC0612A01A	MHW612	HC10031060	78L05	HCMC14001B	4001B
HC10001000	4558	HC10037050	TA7063P	HCMC14017A	4017B
HC1000100A	555CN	HC10041010	74S74P	HCMC14020A	4020A
HC1000117A	MHW7092	HC10044010	74S112P	HCMC14051A	4051A
HC1000200A	LM324N	HC10047050	TC9122P	HCMC14512A	4512A
HC10002030	STK401	HC40010080	4001B	HCMC14527B	4527BCP
HC10002050	TA7061AP	HC401100B0	4011B	HCMC14572A	4572A
HC10002210	BA521	HC401117B0	4011B	HCMC1741PA	741CP1
HC10003090	4558	HC406000B0	4060B	HCMC3302PA	MC3302P
HC10003270	74LS161	HC451100B0	4511B	HCMM74C15A	74C15
HC10004090	LM386N1	HC453800B0	4538B	HCMM74C163	74C16
HC10004110	7400N	HC455100B0	4511BP	HCNE571N0A	NE571
HC10004140	CA3086	HC458400B0	4584B	HCT4C1630A	74C163
HC10005020	AN217	HC700300A0	74LS03P	HCUA723C0A	LM723CH
HC10005270	7805C	HC700400A0	74LS04	HCUA7815UC	7815UC
HC10006270	78M08C	HC70830000	7483N	HT02N6970A	2N697
HC10011090	4558	HC72930100	74293P	HT104892A0	2SA489
HC10011170	MC145106P	HC74LS74NA	74LS74N	HT1060810R	2SA608E
HC1001127W	AN127	HCA78L120A	78L12	HT106341L0	2SA634L
HC10012110	93S16DC	HCCD40106A	40106BE	HT106731B0	2SA673B
HC10012370	TBP18SA030	HCCD4016B0	4016BE	HT106831B0	2SA683
HC10014090	4558	HCLM324N0A	LM324N	HT107331R0	2SA733R
HC10015050	TA7073AP	HCLM380N0A	LM380N	HT107332A0	2SA733
HC10015090	78L05A	HCLM39000A	LM3900N	HT107381B0	2SA738
HC10015170	MC3357P	HCLM555CNA	555CN	HT107701B0	2SA770B
HC10016050	TA7069P	HCLM78L05A	78L05AHC	HT107702A0	2SA770
HC10019050	MC1351P	HCLM78L08A	78L08A	HT109521W0	2SC952
HC10022060	78L08	HCLM78L12A	78L12A	HT11205100	2SA1205

SEMICONDUCTOR CROSS REFERENCE

STANDARD (continued)

Mfg. Part No.	Our Part No.	Mfg. Part No.	Our Part No.	Mfg. Part No.	Our Part No.
HT200771B0	2SB77B	HT311621B0	2SC1162B	HT32711000	2SC2711
HT204051W0	2SB405	HT31165100	2SC1165	HT327621W0	2SC2762
HT204711B0	2SB471	HT31169100	2SC1169	HT32874000	2SC2879
HT2N161300	2N1613	HT31177100	2SC1177	HT32879000	2SC2879
HT2N1671B0	2N1671	HT312131C0	2SC1213C	HT33006100	2SC3006
HT2N22220A	2N2222A	HT312131COA	2N3641	HT400331A0	2SD33A
HT2N264700	2N2647	HT312132A0	2SC1213A	HT400771D0	2SD77D
HT2N26470A	2N2647	HT31241100	2SC1241	HT401191C0	2SD119C
HT2N356500	2N3565	HT31242000	2N5590	HT401191COA	2N3055
HT2N35650A	2N3565	HT31242000A	PT8837	HT402611R0	2SD261R
HT2N356900	2N3569	HT312601W0	2SC1260	HT403131D0	2SD313D
HT2N35690A	2N3569	HT31303100	2SC1303	HT403132A0	2SD313A
HT2N356920	2N3569	HT313111W0	2SC1311	HT404711L0	2SD471
HT2N363800	2N3638A	HT31318100	2SC1318	HT40525100	2SD525
HT2N377300	2N3773	HT313681B0	2SC1368B	HT40571100	2SD571
HT2N37731A	2N3773	HT313831B0	2SC1383B	HT405881R0	2SD588R
HT2N44000A	2N4400	HT314241W0	2SC1424	HT405882B0	2SD588B
HT2N496500	2N4965	HT315462A0	2SC1546	HT42540000	2SC540
HT2N50600A	2N5060	HT315681S0	2SC1568	HT600011EA	2N3644
HT2N50860A	2N5086	HT316221B0	2SC1622	HT6001000A	J04075
HT2N559100	2N5591	HT316222A0	2SC1622	HT7040803A	J04080
HT2N60270A	2N6027	HT316232A0	2SC1623	HT7264700A	2N2647
HT2N60340A	2N6034	HT316680A0	2SC1668	HT7356300A	2N3563
HT2N603750	2N6037	HT316680A2	2SC1668	HT7364350A	PN3643-5
HT2N60430A	2N6043	HT316742BR	2SC1674	HT7377300A	2N3773
HT2N61090A	2N6109	HT316751L0	2SC1675	HT7506000A	2N5060
HT2N62900A	2N6290	HT3173010R	2SC1730	HT80002100A	2N3925
HT303801B0	2SC380	HT31740100	2SC1740Q	HT80002300	2N3924
HT303821B0	2SC382	HT31765100	2SC1765	HT800031COA	2N3563
HT304581C0	2SC458C	HT31906000	2SC1906	HT80004100	2N3641
HT304601B0	2SC460B	HT31907000	2SC1907	HT80028100	2N5705
HT304611B0	2SC461B	HT31946100	2SC1946A	HT80028100B	2N5590
HT305351C0	2SC535C	HT31967000	2SC1967	HT8003020A	J03020
HT305352A0	2SC535A	HT31968000	2SC1968A	HT80033100	PT8751
HT305352B0	2SC535B	HT31970100	2SC1970	HT80035100	2N5590
HT306441B0	2SC644	HT31971100	2SC1971	HT80041260	2N4126
HT30703100	2SC703	HT320011W0	2SC2001	HT80043100	2N5946
HT30704100A	PT5661C	HT32053000	2SC2053	HT80044100	J03020
HT307151D0	2SC715D	HT32099000	2SC2099	HT80045100	RF604
HT307151E0	2SC715E	HT321030A0	2SC2103	HT80046100	2N4427
HT307171P0	2SC717P	HT321161B0	2SC2116	HT80047100	PT8820
HT30730100	2SC730	HT321180A0	2SC2118	HT80048100	CD1295
HT30741100	2SC741	HT32221100	2SC2221	HT80054100	RF629
HT30821100	2SC821	HT32233100	2SC2233	HT80056100	RF644
HT308281B0	2SC828B	HT322811W0	2SC2281	HT80057100	MPSA13
HT308291B0	2SC829B	HT32283100	2SC2283	HT80071000	RF641
HT30890100	2SC890	HT32287100	2SC2287	HT80072000	RF646
HT30890100A	2N3866	HT32289100	2SC2289	HT80073000	MRF846
HT30891100	2SC891	HT32347100	2SC2347	HT8024500A	RF245
HT30891100A	2N5645	HT32369100	2SC2369	HT830201AA	J03020
HT309001F0	2SC900F	HT323701A0	2SC2370A	HT8883810A	PT8838
HT309002A0	2SC900	HT32379000	2SC2379	HT8J04083A	J04080
HT309111A0	2SC911A	HT32407100	2SC2407	HT916K800A	PMD16K80
HT30945100	2SC945	HT32494100	2SC2494	HT9356500A	2N3565
HT309451R0	2SC945R	HT325311A0	2SC2531	HTJ030150A	J03015
HT309452B0	2SC945	HT32538100	2SC2538	HTJ030200A	J03020
HT30982100	2SC982	HT32539000	2SC2539	HTJ030370A	J03037 / 4239P1
HT30994100	2SC994	HT32540000	2SC2540	HTJ030550A	J03055
HT30998100	2SC998	HT325451E0	2SC2545E	HTJ040453A	J04045
HT31001100	2SC1001	HT32559100	2SC2559	HTJ040703A	J04070
HT310701F0	2SC1070	HT32586100	2SC2586	HTJ040753A	J04075
HT310961L0	2SC1096L	HT32630000	2SC2630	HTJ040803A	J04080
HT310961M0	2SC1096M	HT326400A0	2SC2640	HTMMT28570	MMT2857
HT31117100	2SC1117	HT32642100	2SC2642	HTMPSA130A	MPSA13
HT31121100	2SC1121	HT32644000	2SC2644	HTMPSA180A	MPSA18
				HTPT88743A	PT8874

CONDITIONS OF SALE

Warranty

All valves are sold with the manufacturer's guarantee. On receiving valves, one year from date of purchase; and on most special purpose valves the warranty is 1,000 hours of service or one year, whichever first elapses.

Terms

International Sales - Letter of Credit or Sight Draft. Or - Net 30 Days, with approved credit.

Shipment

F.O.B. Lincoln, United Kingdom.

Pricing

All prices are subject to change without prior notice.

Shipping Damages and Claims

All merchandise is inspected prior to shipment, and upon receipt it should be inspected immediately. If damages are found, notify the carrier for a damage inspection. Retain all original shipping containers for inspection, pending instructions from the carrier. All claims for shortages must be made within 7 days after receipt of shipment.

Returns

All returns must be accompanied by a "Return Authorization" which may be obtained from our Customer Service Department. Return shipments must be prepaid.

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(Europe) Ltd.**

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Industrial Estate
Lincoln, England LN2 4DV
Telephone: 0522-42631
Telex: 56175 REEL UK



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CABLE: RICH ELEC FRPK

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Cetron Electronics
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Telephone: 312-232-4300

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516-536-8868

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