

IC SUBSTITUTION CHART

DGC	FAIRCHILD	TI	SIGNETICS	SPRAGUE	DESCRIPTION
003	9002	7400	8889		QUAD 2 IN NAND
100 005	9004	7420	8819		DUAL 4 IN NAND
	9006	7460			DUAL 4 IN AND-OR-INVERT
	9008		8848		4 WIDE AND-OR-INVERT
100 009	9009	7440			DUAL 4 IN NAND BUFFER
100 076 098 360	9016	7404	8490		HEX INVERTER
081		7439		7439	QUAD 2 IN NAND (O.C.)
100 017		7474	8828		D FLIP FLOP
100 012	9300	74195			4 BIT SHIFT REGISTER
100 015	9601				ONE SHOT
028		74177	8281		4 STAGE BINARY COUNTER
038	74176		8280		DECADE COUNTER
004	9003	7412			TRIPLE 3 INPUT NAND
080 195 007	9007	7430	8291		8 INPUT NAND GATE
042			8271		4 BIT SHIFT REGISTER

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LISTING OF DGC INTEGRATED CIRCUITS, BY MANUFACTURERS' PART NUMBERS

Manufacturer's Part Number	DGC Part Number	Functional Description
MCT2	100000253	Phototransistor Opto-Isolator
RG82	100000356	Dual Pulse Shaper-Delay AND Gate
RG83	100000023	Dual Pulse Shaper-Delay AND Gate
CB156	100000095	256-Bit Bipolar Read Only Memory
CB157	100000098	256-Bit Bipolar Read Only Memory
1012	100000130	Asynchronous Receiver/Transmitter
1024A	100000232	1024-Bit Field Programmable Bipolar PROM
1303	100000132	Dual Stereo Preamplifier
1414L	100000322	Dual Differential Comparator
1433G	100000378	Operational Amplifier
1435	100000093	Monolithic Dual Operational Amplifiers
1437L	100000320	Operational Amplifier
1489	100000105	Quad Line Receivers
151804	100000312	10-Input NAND Gate
158093	100000313	Dual J-K Flip-Flop W/Individual Clocks and Presets
158099	100000316	Dual J-K Flip-Flop W/Common Clocks and Clears
15835	100000363	Hex Inverter
15836	100000309	NAND Gate
15846	100000310	Quadruple-2-Input NAND Gate
15858	100000311	Quadruple 2-Input NAND Power Gate
15862	100000317	Triple 3-Input NAND Gate
1898E	100000332	Channel Junction F. E. T.
205	100000359	Positive Voltage Regulator
2055A	100000244	High Slew Rate F. E. T. Input Operational Amplifier
2100	100000074	64-Bit Random Access Memory
2101		
2401	100000242	Four-Channel Programmable Amplifier
2510	100000002	16 Diode Array
2513	100000150	High Speed 64x7x5 Character Generator
2519	100000151	Hex 40-Bit Static Shift Register
2525	100000152	1024-Bit Recirculating Dynamic Shift Register
2625	100000243	Wide Band, High Impedance Operational Amplifier
301A	100000267	Operational Amplifier
305H	100000359)	Voltage Regulator
	100000380)	Voltage Regulator
310N	100000293	Operational Amplifier
311N	100000292	Voltage Comparator/Buffer
314A	100000069	Single 7-Input NOR Gate
318N	100000294	Operational Amplifier

Manufacturer's Part Number	DGC Part Number	Functional Description
320H	100000290	Three-Terminal Negative Regulator
320K	100000354) 100000379)	Three-Terminal Negative Regulator Three-Terminal Negative Regulator
340K	100000355	Three-Terminal Negative Positive Regulator
351N	100000117	Dual Peripheral Driver
380A	100000061	Quad 2-Input NOR Gate
384A	100000072	Quad 2-Input OR Gate
3001P	100000089	Quad 2-Input AND Gate
3002P	100000045	Quad 2-Input NOR Gate
3003P	100000063	Quad 2-Input OR Gate
3006P	100000126	Triple 3-Input AND Gate
3020	100000221	Expandable Dual 2-Wide 2-Input AND-OR Invert Gate
3046	100000131	General Purpose Transistor Array
3061	100000053	Dual J-K Flip-Flop
3062P	100000115	Dual J-K Flip-Flop
3079	100000127	Zero Voltage Switch
3101	100000074	64-Bit Random Access Memory
3101A	100000226	High Speed Fully Decoded 64-Bit Memory
3104	100000211	16-Bit Associative-Content Addressable Memory
3106	100000190	High Speed Fully Decoded 256-Bit Random Access Memory
3301	100000191	High Speed Fully Decoded 1024-Bit Read Only Memory
3601	100000192	High Speed Electrically Programmable 1024-Bit Read Only Memory
3601A	100000256	1024-Bit Programmable Bipolar Read Only Memory
3725	100000041	NPN Quad Core Driver
4009	100000121	CMOS Hex Inverter
4015P	100000082	Quad D Type Flip-Flop
4024P	100000114	Dual Voltage Controlled Multivibrator
4044	100000301	Phase-Frequency Detector
40537	100000102	256-Bit Read/Write Memory
40538	100000103	Decoder/Driver
510A	100000024	Dual Differential Amplifier
511B	100000325	Dual Differential Amplifier
555	100000193	Timer
562B	100000120	Phase Locked Loop
565-K	100000261	Phase Locked Loop
5003	100000194	Quad MOS Clock Driver
5060	100000436	Dual 144-Bit Mask Programmable Shift Register

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Manufacturer's Part Number	DGC Part Number	Functional Description
5501	100000074	64-Bit Random Access Memory
5533	100000164	256-Bit Bipolar Random Access Memory
5600	100000140)	256-Bit Bipolar Read Only Memory
	100000141)	
	100000142)	
	100000148)	
	100000149)	
	100000216)	
	100000217)	
	100000218)	
	100000219)	
	100000499)	
	100000500)	
5603A	100000256	1024-Bit Programmable Bipolar Read Only Memory
5610	100000215	256-Bit Bipolar Read Only Memory
50622	100000224	16-Channel Analog Multiplexor Complementary MOS (CMOS)
50707	100000225	8-Channel Differential Analog Multiplexor Complementary MOS (CMOS)
56010	100000130	Asynchronous Receiver/Transmitter
6003	100000214	2048-Bit MOS LSI Random Access Memory
6331	100000258	256-Bit Bipolar (32x8) Electrically Programmable Read Only Memory
6405	100000001	PNP Quad Core Driver
6500	100000041	NPN Quad Core Driver
6530	100000255	256-Bit Bipolar Random Access Memory
709	100000333	Operational Amplifier
709C	100000344	Operational Amplifier
710 Can	100000059	High Speed Differential Comparator
710 DIP	100000157)	High Speed Differential Comparator
	100000324)	High Speed Differential Comparator
711 Can	100000060	Dual Comparator
723 Can	100000026	Precision Voltage Regulator
723 DIP	100000094)	Precision Voltage Regulator
	100000318)	
728	100000002	16 Diode Array
733 Can	100000062)	Differential Video Amplifier
	100000314)	
	100000326)	
	100000372)	
741	100000156	High Performance Operational Amplifier
749	100000268	Dual Operational Amplifier
7400N	100000158)	Quad 2-Input Positive NAND Gate
	100000340)	Quad 2-Input Positive NAND Gate
7401N	100000390	Quad 2-Input Positive NAND Gate
7402	100000262	Quadruple 2-Input Positive-NOR Gate

Manufacturer's Part Number	DGC Part Number	Functional Description
7403	100000262	Quad 2-Input Positive-NAND Gate
7404	100000360	Hex Inverter
7405	100000264	Hex Inverter with Open-Collector Outputs
7406	100000133	Hex Inverter
7407	100000091	Hex Buffer/Driver with Open-Collector High Voltage Outputs
7410	100000327) 100000329)	Quad 2-Input Positive NAND Gate Quad 2-Input Positive NAND Gate
7413	100000066	Dual 4-Input Positive-NAND Schmitt Trigger
7414	100000265	Hex Schmitt-Trigger Inverter
7420	100000374	Positive NAND Gate
7427	100000260	Triple 3-Input Positive-NOR Gate
7430	100000195	8-Input Positive-NAND Gate
7433	100000196	Quadruple 2-Input Positive-NOR Buffers with Open-Collector Outputs
7437	100000116	Quadruple 2-Input Positive-NAND Buffer
7438	100000078	Quadruple 2-Input Positive-NAND Buffer with Open-Collector Outputs
7439	100000081	Quadruple 2-Input Positive-NAND Buffer
7440	100000338	Dual 4-Input Positive-NAND Buffer
7442	100000375	BCD-To-Decimal Decoder
7446A) 7447)	100000263	BCD-To-Seven-Segment Decoder/Driver
7450	100000376	Dual 2-Wide 2-Input AND-OR Invert Gates
7451	100000383	Dual 2-Wide 2-Input AND-OR Invert Gates
7474	100000017	Dual D-Type Edge-Triggered Flip-Flop
7475	100000050	4-Bit Bistable Latches
7476	100000342	Dual J-K Flip-Flop W/Preset and Clear
7479P	100000257	Dual D-Type Edge-Triggered Flip-Flop
7483	100000021	4-Bit Binary Full Adder (Look Ahead Carry)
7486	100000068	Quadruple 2-Input Exclusive-OR Gate
7490	100000391	Decade Counter
7492	100000161	Divide-By-Twelve Counter (Divide-By-Two and Divide-By-Six)
7493	100000331) 100000392)	4-Bit Binary Counter 4-Bit Binary Counter
7524	100000052	Dual Sense Amplifier
7534	100000118	Dual Sense Amplifier
7535	100000248	Sense Amplifier
74107	100000162	Dual J-K Master/Slave Flip-Flop with Separate Clears and Clocks

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Manufacturer's Part Number	DGC Part Number	Functional Description
74121	100000197	Monostable Multivibrator
74123	100000222	Dual Retriggerable Monostable Multivibrator with Clear
74138	100000399	Quadruple 2-Input EXCLUSIVE-OR Gates
74141	100000077	BCD-To-Decimal Decoder-Driver
74145	100000143	BCD-To-Decimal Decoder-Driver
74150	100000297	Data Selector/Multiplexor
74151	100000186	8-Line-To-1-Line Data Selector/Multiplexor
74155	100000147	Dual 2-Line-To-4-Line Decoder/Demultiplexor
74157	100000240	Quadruple 2-Line-To-1-Line Data Selector/Multiplexor
74163	100000198	Synchronous 4-Bit Counter
74170	100000085	4-By-4 Register File
74172	100000171	16-Bit Multiple-Port Register File with 3-State Outputs
74174	100000199	Hex D-Type Flip-Flops with Clear
74175	100000200	Quadruple D-Type Flip-Flops with Clear
74177	100000358	35MHz Presettable Decade and Binary Counters
74180	100000067	8-Bit Odd/Even Parity Generator/Checker
74181	100000084	Arithmetic Logic Unit/Function Generator
74182	100000100	Look-Ahead Carry Generator
74192	100000252	Up/Down BCD Decade Counter
74193	100000128	Up/Down 4-Bit Binary Counter
74194	100000135	4-Bit Bidirectional Universal Shift Register
74198	100000101	8-Bit Shift Register
74221	100000502	Dual Monostable Multivibrators with/Schmitt-Trigger Inputs
74298	100000201	Quadruple 2-Input Multiplexor with Storage
74H11	100000126	Triple 3-Input AND Gate
74H21	100000119	Dual 4-Input Positive-AND Gate
74H52	100000181	Expandable 4-Wide AND-OR gates
74H55	100000049	Expandable 4-Input AND-OR-INVERT Gate
74H74	100000104	Dual D-Type Positive-Edge-Triggered Flip-Flops with Preset and Clear
75108	100000122	Dual Line Receiver
75110	100000304	Dual Line Driver
75150	100000146	Dual Line Driver
75154	100000124	Quadruple Line Receiver
75234	100000229	Dual Sense Amplifier
75324	100000079) 100000307)	Memory Driver with Decode Inputs
75450	100000231) 100000385)	Dual Peripheral Driver

Manufacturer's Part Number	DGC Part Number	Functional Description
75451	100000238) 100000247)	Dual Peripheral Driver
75452	100000154	Dual Peripheral Driver
75453	100000117	Dual Peripheral Driver
75454	100000228	Dual Peripheral Driver
74L04	100000090	6-Input Hex Inverter
74L98	100000134	4-Bit Data Selector/Storage Register
74S00	100000158	Quadruple 2-Input Positive-NAND Gate
74S02	100000262	Quadruple 2-Input Positive-NOR Gate
	100000366	Quadruple 2-Input Positive-NOR Gate
74S03	100000175	Quadruple 2-Input Positive-NAND Gate with Open-Collector Outputs
74S04	100000159	Hex Inverter
74S05	100000188	Hex Inverter with Open-Collector Outputs
74S10	100000235	Triple 3-Input Positive-NAND Gate
74S11	100000237	Triple 3-Input Positive-AND Gate
74S15	100000259	Triple 3-Input Positive-AND Gate with Open-Collector Outputs
74S20	100000249	Positive-NAND Gate
74S22	100000174	Positive-NAND Gate with Open-Collector Outputs
74S40	100000264	Dual 4-Input Positive-NAND Buffer
74S51	100000504	Dual 2-Wide 2-Input AND-OR Invert Gates
74S64	100000182	4-2-3-2-Input AND-OR-INVERT Gates
74S74	100000300	Dual D-Type Edge-Triggered Flip-Flop
74S85	100000236	4-Bit Magnitude Comparator
74S86	100000365	EXCLUSIVE-OR Gate
74S112	100000172	Dual J-K Negative-Edge-Triggered Flip-Flops with Preset and Clear
74S113	100000160	Dual J-K Edge-Triggered Flip-Flops
74S132	100000281	Quadruple 2-Input Positive-NAND Schmitt Trigger
74S133	100000203	13-Input Positive-NAND Gate
74S138	100000223	Decoder/Demultiplexor
74S139	100000185	Decoder/Demultiplexor
74S140	100000173	Dual 4-Input Positive-NAND 50Ohm Line Driver
74S153	100000166	Dual 4-Line-To-1-Line Data Selector/Multiplexor
74S157	100000233	Quadruple 2-Line-To-1-Line Data Selector Multiplexor
74S174	100000204	Hex D-Type Flip-Flops with Clear
74S175	100000205	Quadruple D-Type Flip-Flops with Clear
74S181	100000169	Arithmetic Logic Unit/Function Generator
74S182	100000170	Look-Ahead Carry Generator
74S194	100000234	4-Bit Bidirectional Universal Shift Register

Manufacturer's Part Number	DGC Part Number	Functional Description
74S200	100000241	256-Bit Read-Write Memory with 3-State Outputs
74S251	100000165	Data Selector/Multiplexor with 3-State Outputs
74S257	100000167	Quadruple 2-Line-To-1-Line Data Selector/Multiplexor
74S258	100000187	Quadruple 2-Line-To-1-Line Data Selector/Multiplexor
74S260	100000305	Dual 5-Input Positive-NOR Gate
74S280	100000287	9-Bit Odd/Even Parity Generator/Checker
74S670	100000367	4-By-4 Register Files w/3-State Outputs
8200	100000111	Buffer Register
8202	100000109	Buffer Register
8203	100000125	Buffer Register
8214	100000168	Dual 4-Line-To-1-Line Multiplexor
8233	100000282	2-Input, 4-Bit Digital Multiplexor
8234	100000083	2-Input, 4-Bit Digital Multiplexor
8243	100000137	8-Bit Position Scaler
8260	100000043	Arithmetic Logic Element
8263	100000129	3-Input, 4-Bit Digital Multiplexor
8264	100000044	3-Input, 4-Bit Digital Multiplexor
8266	100000057	2-Input, 4-Bit Digital Multiplexor
8267	100000108	2-Input, 4-Bit Digital Multiplexor
8271	100000042	4-Bit Shift Register
8280	100000038	BCD Decade Counter/Storage Element
8281	100000028	4-Bit Binary Counter/Storage Element
8288	100000377	Divide-By-Twelve Counter/Storage Element
8291	100000080	Presettable High Speed Binary Counter
82S26)	100000245	1024-Bit Bipolar Programmable ROM (256x4 PROM, Open-Collector)
82S34	100000236	2-Input, 4-Bit Digital Multiplexor
82S42	100000206	4-Bit Quad Exclusive-NOR Gates
82S52	100000178	BCD-To-Decimal Decoder
82S62	100000207	9-Bit Parity Generator and Checker
82S91	100000227	Presettable High Speed Binary Counter
82S123	100000208	256-Bit Bipolar Programmable ROM (32x8 PROM)
8570	100000511	8-Bit Serial-In Parallel-Out Shift Register
8550	100000050	4-Bit Bistable Latches
8560	100000508	Up/Down Decade Counter
8563	100000512	Up/Down Binary Counter
8590	100000510	8-Bit Parallel-In Serial-Out Shift Register
8599	100000266	64-Bit Random Access Read/Write Memory
8810	100000393	Quad 2-Input TTL-MOS Interface Gate
8812	100000394	TTL-MOS Hex Inverter

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8815	10000070	Dual 4-Input NOR Gate
8820	10000295	Dual Line Receiver
8828	10000017	Dual D-Type Edge-Triggered Flip-Flop
8842	100000509	BCD-To-Decimal Decoder
8875	100000123	Triple 3-Input NOR Gate
8880	100000036	Quad 2-Input NAND Gate
8885	100000045	Quad 2-Input NOR Gate
8H70	100000073	Triple 3-Input NAND Gate
8H80	100000046	Quad 2-Input NAND Gate
8H90	100000076	Hex Inverter
8T80	100000019	Quad 2-Input NAND Interface Gate
8T90A)	100000020)	Hex Inverter
8T90H)	100000071)	
936	100000309	NAND Gate
944	100000323	Dual 4-Input NAND Power Gate
946	100000310	Quadruple 2-Input NAND Gate
962	100000334)	Triple 3-Input NAND Gate
	100000317)	
9002	100000003	Quad 2-Input NAND Gate
9003	100000004	Triple 3-Input NAND Gate
9004	100000005	Dual 4-Input NAND Gate
9005	100000006	Dual Extendable AND-OR-INVERT Gates
9006	100000039	Dual Extender AND-OR-INVERT Gates
9007	100000007	8-Input NAND Gate
9008	100000008	Single Extendable AND-OR-INVERT Gates
9009)	100000009)	Dual 4-Input NAND Gate
9009H)	100000040)	
9014	100000250	Quad Exclusive-OR Gate
9015	100000107	Quad NOR Gate
9016	100000098	Quad Hex Inverter
9022	100000011	Dual J-K Flip-Flop
9300	100000012	4-Bit Shift Register
9301	100000013	One-of-Ten Decoder
9302	100000189	One-of-Ten Decoder with Open-Collector Output
9309	100000048	Dual Four-Input Multiplexor
9310	100000153	BCD Decade Counter
9312	100000075	8-Input Multiplexor
9316	100000047	4-Bit Binary Counter
9317	100000263	BCD-To-Seven-Segment Decoder/Driver
9318	100000136	8-Input Priority Encoder

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9321	10000092	Dual One-of-Four Decoder
9322	10000086	Quad 2-Input Multiplexor
9324	10000144	5-Bit Comparator
9328	10000112	Dual 8-Bit Shift Register
9334	10000145	8-Bit Addressable Latch
9360	10000252	Up/Down BCD Decade Counter
9601	10000015	Retriggerable Monostable Multivibrator
9602	10000106	Dual Retriggerable Resettable Monostable Multivibrator
93402	10000211	16-Bit Associative-Content Addressable Memory
93407	10000016	16-Bit Coincident Select Read-Write Memory
93H72	10000180	High Speed 4-Bit Shift Register with Enable
95275	10000298	Dual Sense Amplifier
96276	10000299	Dual Sense Amplifier
96L02	10000283	Low Power Dual Retriggerable Resettable Monostable Multivibrator

CROSS REFERENCE FOR ZENER DIODES
REFERENCE VOLTAGE TO D.G. P/N

1/2 WATT

5 WATT

Ref. Volts	1/2 WATT		1/2 WATT		5 WATT		5 WATT	
	DG P/N	20% Ind. P/N	DG P/N	5% Ind. P/N	DG P/N	20% Ind. P/N	DG P/N	5% Ind. P/N
2.4			101-185	1N5221B				
2.5			101-186	1N5222B				
2.7	101-162	1N5223	101-187	1N5223B				
2.8			101-188	1N5224B				
3.0			101-90	1N5225B				
3.3			101-189	1N5226B				
3.6			101-190	1N5227B				
3.9			101-32	1N5228B				
4.3			101-150	1N5229B				
4.7			101-191	1N5230B				
5.1	101-17	1N5231	101-103	1N5231B				
5.1	101-27	1N5231	101-264	1N5231B				
5.6			101-192	1N5232B				
6.0			101-193	1N5233B				
6.2			101-67	1N5234B	101-112	1N5341		
6.8			101-69	1N5235B			101-163	1N5342
7.5			101-136	1N5236B			101-177	1N5343
8.2			101-194	1N5237B				
8.7			101-144	1N5238B				
9.1			101-141	1N5239B			101-207	1N5346
10	101-28	1N5240	101-195	1N5240B	101-125	1N5347	101-143	1N5347
11			101-89	1N5241B	101-87	1N5348	101-81	1N5348
12	101-110	1N5242	101-196	1N5242B	101-100	1N5349		
13			101-49	1N5243B				
14			101-197	1N5244B				
15	101-93	1N5245	101-198	1N5245B				
16			101-211	1N5246B				
18			101-31	1N5248B				
20			101-58	1N5250B				
22			101-71	1N5251B				
24			101-72	1N5252B				
24			101-48	1N5252B				
39	101-145	1N5259			101-149	1N4754**		

**NOTE: 1 WATT

REFERENCE FOR DIODES

MANUFACTURE DATA GENERAL PART NUMBER

Mfgr p/n	D/G p/n	Mfgr p/n	D/G p/n
1N 52	101-229	MR831	101-135
1N 752	-221	MR1200 50A	-121
1N 752A	-257	MR1210SL 80A	-133
1N 757A	-258		
1N 914	-220		
1N 965	-259	<u>LED</u>	
1N 1192	-260		
1N 2069A	-266	HP 5082-2811/2303	-242
1N 3208	-223	HP 5082-4415	-156
1N 3469	- 85	MLED 500	-151
1N 3880	-131	TIL 209	- 76
1N 3889R	-102	TIL 209	-208
1N 3897R	- 26		
1N 3899R	- 65		
1N 3909R	- 84	<u>TRIAC and SCR</u>	
1N 4001	- 75		
1N 4003	- 92	40654	-225
1N 4004	-120	40663	-165
1N 4007	-161	40663	-152
1N 4735	-139	2N6165	-243
1N 4735	-139	T6411D	-152
1N 4736A	-222	T6411D	-165
1N 4748A	-267	Data Products	
1N 4933	-142	801144-001	-271
1N 4934	-148		
1N 4947	-146		
1N 4997	- 22	Vendor specials:	
1N 5259	-145		
1X51	- 50	Wang	p/n 100414 101-226
5N5	- 50	TTY	p/n 171541 -237
3A200	-263	Data Products	p/n 800743-001 -255
A14	-234	Digitronics	p/n TCRSU0125 -265
CD81148	- 2	Mohawk	p/n 169 000 903 -268
CD332864	- 50	Ampex	p/n 580-065 -284
FDH600	- 2	Ampex	p/n 580-050 -285
WG115	- 2	Ampex	p/n 013-920 -286
WG117	- 2		

Bridges and Rectifiers

MDA 950-1	- 24
952-1	-292
962-1	- 23
962A-1	- 68
970-1FW	- 66
980-1	-101
980-2	-289
990-1	- 91

CROSE FOR TRANSISTORS

MANUFACTURE DATA GENERAL PART NUMBER

MANUFACTURERS TO DATA GENERAL PART NUMBER

Mfgr p/n	D/G p/n	Mfgr p/n	D/G p/n	Mfgr p/n	
2N149	101-270	2N5147	101-270	MJE1103	-290
2N683	-253	2N5189	-231	MJE2955	-227
2N1595	-251	2N5190	-269	MJE3055	-228
2N1597	-252	2N5302	-19	MM3009	-294
2N2219A	-272	2N5574	-254	MM4001	-293
2N2219	-214	2N5683	-280	MPSA13	-94
2N2369A	-248	2N5685	-281	MPSA42	-158
2N2646	-88	2N5884	-287	MPSA92	-159
2N2894	-249	2N6122	-173	MPSU01	-235
2N2904	-247	2N6126	-178	MPSU51	-218
2N2905	-305	2N6129	-183	MPSU51 select	-236
2N3053	-215	2N6133	-176	MPS3640	-51
2N3055	-216	2N6164	-122	MPS3646	-45
2N3253	-246	2N6165	-243	RCA42A	-199
2N3565	-262	2N6190	-270	SC245B	-39
2N3643	-230	40526	-38	SE3646	-45
2N3644	-233	40527	-130	TIP29	-105
2N3646	-45	40668	-79	TIP30	-104
2N3715	-21	40669	-129	TIP31	-77
2N3725	-15	40691	-38	TIP31A	-124
2N3740	-273	40692	-130	TIP33	-115
2N3771	-219			TIP34	-73
2N3772	-181	5C50D	-254	TIP35	-106
2N3789	-59	43C5	-64	TIP35A	-153
2N3791	-59	45C5	-82	TIP36	-74
2N3904	-210	45H4	-168	TIP36	-78
2N3906	-209			TIP36A	-128
2N4037	-217	BDY95	-205	TIP36B	-109
2N4059	-155	BF338	-204	TIP41B	-199
2N4091	-299	CN3566	-97	TIP42A	-111
2N4123	-16	DG5022	-240	TIP42B	-178
2N4125	-3	EP1278	see TIP35A	TIP42C	-178
2N4249	-261	EP1281	see TIP36A	TIP48	-157
2N4393	-140	KE4393	101-154	TP101	-213
2N4398	-83	MJE1100	-164	TZ8065	-46
2N4399	-63				
2N4400	-70				
2N4403	-52				
2N4441	-4				
2N4442	-212				
2N4888	-160				
2N4916	-232				
2N4919	-61				
2N4922	-6				
2N5022	-62				
2N5022	-240				

Vendor specials:					
Data Products	p/n	800018-001		101-244	
Data Products	p/n	800019-001			-245
Data Products	p/n	800822-001			-298
Infoton	p/n	01038-001			-291
Teletype	p/n	181671			-239
Teletype	p/n	181675			-238

CROSS REFERENCE FOR DIODES

MANUFACTURERS TO DATA GENERAL PART NUMBER

<u>Mfgr</u> <u>p/n</u>	<u>D/G</u> <u>p/n</u>	<u>Mfgr</u> <u>p/n</u>	<u>D/G</u> <u>p/n</u>
1N 52	101-229	MR831	101-135
1N 752	-221	MR1200 50A	-121
1N 752A	-257	MR1210SL 80A	-133
1N 757A	-258		
1N 914	-220		
1N 965	-259	<u>LED</u>	
1N 1192	-260	HP 5082-2811/2303	-242
1N 2069A	-266	HP 5082-4415	-156
1N 3208	-223	MLED 500	-151
1N 3469	- 85	TIL 209	- 76
1N 3880	-131	TIL 209	-208
1N 3889R	-102		
1N 3897R	- 26		
1N 3899R	- 65		
1N 3909R	- 84	<u>TRIAC and SCR</u>	
1N 4001	- 75		
1N 4003	- 92	40654	-225
1N 4004	-120	40663	-165
1N 4007	-161	40663	-152
1N 4735	-139	2N6165	-243
1N 4735	-139	T6411D	-152
1N 4736A	-222	T6411D	-165
1N 4748A	-267	Data Products	
1N 4933	-142	801144-001	-271
1N 4934	-148		
1N 4947	-146		
1N 4997	- 22		
1N 5259	-145		
1X51	- 50	Vendor specials:	
5N5	- 50	Wang	p/n 100414 101-226
3A200	-263	TTY	p/n 171541 -237
A14	-234	Data Products	p/n 800743-001 -255
CD81148	- 2	Digitronics	p/n TCRSU0125 -265
CD332864	- 50	Mohawk	p/n 169 000 903 -268
FDH600	- 2	Ampex	p/n 580-065 -284
WG115	- 2	Ampex	p/n 580-050 -285
WG117	- 2	Ampex	p/n 013-920 -286

Bridges and Rectifiers

MDA 950-1	- 24
952-1	-292
962-1	- 23
962A-1	- 68
970-1FW	- 66
980-1	-101
980-2	-289
990-1	- 91

CROSS REFERENCE FOR ZENER DIODES
REFERENCE VOLTAGE TO D.G. P/N

1/2 WATT

5 WATT

Ref. Volts	1/2 WATT		1/2 WATT		5 WATT		5 WATT	
	DG P/N	20% Ind. P/N	DG P/N	5% Ind. P/N	DG P/N	20% Ind P/N	DG P/N	5% Ind P/N
2.4			101-185	1N5221B				
2.5			101-186	1N5222B				
2.7	101-162	1N5223	101-187	1N5223B				
2.8			101-188	1N5224B				
3.0			101-90	1N5225B				
3.3			101-189	1N5226B				
3.6			101-190	1N5227B				
3.9			101-32	1N5228B				
4.3			101-150	1N5229B				
4.7			101-191	1N5230B				
5.1	101-17	1N5231	101-103	1N5231B				
5.1	101-27	1N5231	101-264	1N5231B				
5.6			101-192	1N5232B				
6.0			101-193	1N5233B				
6.2			101-67	1N5234B	101-112	1N5341		
6.8			101-69	1N5235B			101-163	1N5342B
7.5			101-136	1N5236B			101-177	1N5343B
8.2			101-194	1N5237B				
8.7			101-144	1N5238B				
9.1			101-141	1N5239B			101-207	1N5346B
10	101-28	1N5240	101-195	1N5240B	101-125	1N5347	101-143	1N5347B
11			101-89	1N5241B	101-87	1N5348	101-81	1N5348B
12	101-110	1N5242	101-196	1N5242B	101-100	1N5349		
13			101-49	1N5243B				
14			101-197	1N5244B				
15	101-93	1N5245	101-198	1N5245B				
16			101-211	1N5246B				
18			101-31	1N5248B				
20			101-58	1N5250B				
22			101-71	1N5251B				
24			101-72	1N5252B				
24			101-48	1N5252B				
39	101-145	1N5259			101-149	1N4754**		

**NOTE: 1 WATT

CROSS REFERENCE FOR TRANSISTORS
MANUFACTURERS TO DATA GENERAL PART NUMBER

<u>Mfgr</u> <u>p/n</u>	<u>D/G</u> <u>p/n</u>	<u>Mfgr</u> <u>p/n</u>	<u>D/G</u> <u>p/n</u>	<u>Mfgr</u> <u>p/n</u>	<u>D/G</u> <u>p/n</u>
2N149	101-270	2N5147	101-270	MJE1103	101-290
2N683	-253	2N5189	-231	MJE2955	-227
2N1595	-251	2N5190	-269	MJE3055	-228
2N1597	-252	2N5302	-19	MM3009	-294
2N2219A	-272	2N5574	-254	MM4001	-293
2N2219	-214	2N5683	-280	MPSA13	-94
2N2369A	-248	2N5685	-281	MPSA42	-158
2N2646	-88	2N5884	-287	MPSA92	-159
2N2894	-249	2N6122	-173	MPSU01	-235
2N2904	-247	2N6126	-178	MPSU51	-218
2N2905	-305	2N6129	-183	MPSU51 select	-236
2N3053	-215	2N6133	-176	MPS3640	-51
2N3055	-216	2N6164	-122	MPS3646	-45
2N3253	-246	2N6165	-243	RCA42A	-199
2N3565	-262	2N6190	-270	SC245B	-39
2N3643	-230	40526	-38	SE3646	-45
2N3644	-233	40527	-130	TIP29	-105
2N3646	-45	40668	-79	TIP30	-104
2N3715	-21	40669	-129	TIP31	-77
2N3725	-15	40691	-38	TIP31A	-124
2N3740	-273	40692	-130	TIP33	-115
2N3771	-219			TIP34	-73
2N3772	-181	5C50D	-254	TIP35	-106
2N3789	-59	43C5	-64	TIP35A	-153
2N3791	-59	45C5	-82	TIP36	-74
2N3904	-210	45H4	-168	TIP36	-78
2N3906	-209			TIP36A	-128
2N4037	-217	BDY95	-205	TIP36B	-109
2N4059	-155	BF338	-204	TIP41B	-199
2N4091	-299	CN3566	-97	TIP42A	-111
2N4123	-16	DG5022	-240	TIP42B	-178
2N4125	-3	EP1278	see TIP35A	TIP42C	-178
2N4249	-261	EP1281	see TIP36A	TIP48	-157
2N4393	-140	KE4393	101-154	TP101	-213
2N4398	-83	MJE1100	-164	TZ8065	-46
2N4399	-63				
2N4400	-70				
2N4403	-52				
2N4441	-4				
2N4442	-212				
2N4888	-160				
2N4916	-232				
2N4919	-61				
2N4922	-6				
2N5022	-62				
2N5022	-240				
Vendor specials:					
		Data Products	p/n	800018-001	101-244
		Data Products	p/n	800019-001	-245
		Data Products	p/n	800822-001	-298
		Infoton	p/n	01038-001	-291
		Teletype	p/n	181671	-239
		Teletype	p/n	181675	-238