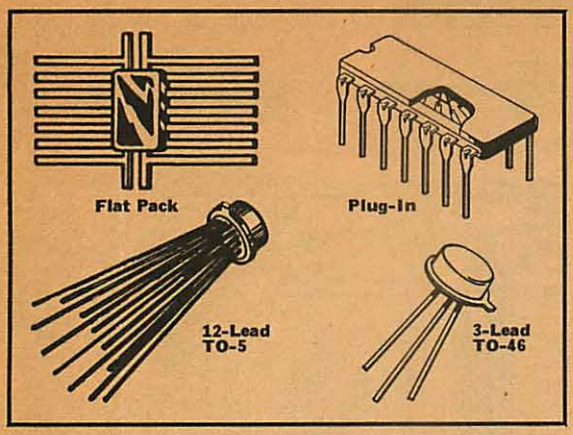
SYLVANIA Integrated Circuits

Subsidiary of GENERAL TELEPHONE & ELECTRONICS



SUHL I

In standard flat package.

Sylvania Type	Application	Function	Net Each, Lots of 1-24	Net Each, Lots of 25-99
SG40	MP	Dual 4-Input NAND/NOR Gate	$29.35	$23.40
SG41	MS		19.55	15.60
SG42	IP		17.60	14.05
SG43	IS		9.30	7.40
SG50	MP	Expandable Quad 2-Input OR Gate	36.70	29.25
SG51	MS		24.45	19.50
SG52	IP		22.00	17.55
SG53	IS		12.25	9.75
SG60	MP	Single 8-Input NAND/NOR Gate	29.35	23.40
SG61	MS		19.55	15.60
SG62	IP		17.60	14.05
SG63	IS		9.30	7.40
SG90	MP	Exclusive OR with Complement	36.70	29.25
SG91	MS		24.45	19.50
SG92	IP		22.00	17.55
SG93	IS		12.25	9.75
SG100	MP	Expandable Triple 3-Input OR Gate	36.70	29.25
SG101	MS		24.45	19.50
SG102	IP		22.00	17.55
SG103	IS		12.25	9.75
SG110	MP	Expandable Dual 4-Input OR Gate	33.00	26.35
SG111	MS		21.50	17.15
SG112	IP		19.80	15.80
SG113	IS		10.25	8.20
SG120	MP	Expandable Single 8-Input NAND/NOR Gate	33.00	26.35
SG121	MS		21.50	17.15
SG122	IP		19.80	15.80
SG123	IS		10.25	8.20
SG130	MP	Line Driver	40.35	32.20
SG131	MS		26.90	21.45
SG132	IP		24.20	19.30
SG133	IS		13.45	10.75
SG140	MP	Quad 2-Input NAND/NOR Gate	36.70	29.25
SG141	MS		24.45	19.50
SG142	IP		22.00	17.55
SG143	IS		12.25	9.75
SG150	MP	Quad 2-Input OR Expander	19.55	15.60
SG151	MS		19.55	15.60
SG152	IP		9.30	7.40
SG153	IS		9.30	7.40
SG170	MP	Dual 4-Input OR Expander	9.80	7.80
SG171	MS		9.80	7.80
SG172	IP		5.95	4.75
SG173	IS		5.95	4.75
SG180	MP	Dual 4-Input AND Expander	9.80	7.80
SG181	MS		9.80	7.80
SG182	IP		5.95	4.75
SG183	IS		5.95	4.75
SG190	MP	Triple 3-Input NAND/NOR Gate	36.70	29.25
SG191	MS		24.45	19.50
SG192	IP		22.00	17.55
SG193	IS		12.25	9.75
SF10	MP	Set-Reset Flip-Flop	33.00	26.35
SF11	MS		21.50	17.15
SF12	IP		19.80	17.40
SF13	IS		10.25	9.00
SF20	MP	Two-Phase SR Clocked Flip-Flop	36.70	29.25
SF21	MS		24.45	19.50
SF22	IP		22.00	17.55
SF23	IS		12.25	9.75
SF30	MP	Single Phase SR Triggered Flip-Flop	40.35	32.20
SF31	MS		26.90	21.45
SF32	IP		24.20	19.30
SF33	IS		13.45	10.75
SF50	MP	J-K Flip-Flop (AND)	55.00	43.90
SF51	MS		36.70	29.25
SF52	IP		33.00	26.35
SF53	IS		18.35	14.65
SF60	MP	J-K Flip-Flop (OR)	55.00	43.90
SF61	MS		36.70	29.25
SF62	IP		33.00	26.35
SF63	IS		18.35	14.65

SUHL II

Specify package: Flat, suffix -02; plug-in, suffix -03.

Sylvania Type	Application	Function	Net Each, Lots of 1-24	Net Each, Lots of 25-99
SG210	MP	Expandable Dual 4-Input OR Gate	$33.00	$26.35
SG211	MS		21.50	17.15
SG212	IP		19.80	15.80
SG213	IS		10.25	8.20
SG220	MP	Quad 2-Input NAND/NOR Gate	36.70	29.25
SG221	MS		24.45	19.50
SG222	IP		22.00	17.55
SG223	IS		12.25	9.75
SG230	MP	Quad 2-Input OR Expander	19.55	15.60
SG231	MS		19.55	15.60
SG232	IP		9.30	7.40
SG233	IS		9.30	7.40
SG240	MP	Dual 4-Input NAND/NOR Gate	29.35	23.40
SG241	MS		19.55	15.60
SG242	IP		17.60	14.05
SG243	IS		9.30	7.40
SG250	MP	Expandable Quad 2-Input OR Gate	36.70	29.25
SG251	MS		24.45	19.50
SG252	IP		22.00	17.55
SG253	IS		12.25	9.75
SG260	MP	Single 8-Input NAND/NOR Gate	29.35	23.40
SG261	MS		19.55	15.60
SG262	IP		17.60	14.50
SG263	IS		9.30	7.40
SG270	MP	Dual 4-Input OR Expander	9.80	7.80
SG271	MS		9.80	7.80
SG272	IP		5.95	4.75
SG273	IS		5.95	4.75
SF250	MP	J-K Flip-Flop AND Inputs	64.50	51.00
SF251	MS		43.00	34.00
SF252	IP		38.50	30.50
SF253	IS		21.50	17.00
SF260	MP	J-K Flip-Flop OR Inputs	64.50	51.00
SF261	MS		43.00	34.00
SF262	IP		38.50	30.50
SF263	IS		21.50	17.00

TO-5 OUTLINE

TO-5 outline with 12 pins; 0.75" min. lead length.

SG4001	MP	Dual 4-Input NAND/NOR Gate	$26.45	$21.10
SG4101	MS		17.60	14.05
SG4201	IP		15.85	12.65
SG4301	IS		8.40	6.70
SG5001	MP	Quad 2-Input OR Gate	33.00	26.35
SG5101	MS		22.00	17.55
SG5201	IP		19.85	15.80
SG5301	IS		11.05	8.80
SG6001	MP	Single 8-Input NAND/NOR Gate	26.40	21.10
SG6101	MS		17.60	14.05
SG6201	IP		15.85	12.65
SG6301	IS		8.40	6.70
SG9001	MP	Exclusive OR with Complement	33.05	26.35
SG9101	MS		22.00	17.55
SG9201	IP		19.85	15.80
SG9301	IS		11.05	8.80
SG10001	MP	Expandable Triple 2-Input OR Gate	33.05	26.35
SG10101	MS		22.00	17.55
SG10201	IP		19.85	15.80
SG10301	IS		11.05	8.80
SG11001	MP	Expandable Dual 3-Input OR Gate	29.75	23.70
SG11101	MS		19.40	15.45
SG11201	IP		17.85	14.25
SG11301	IS		9.25	7.40
SG12001	MP	Expandable Single 6-Input NAND/NOR Gate	29.75	23.70
SG12101	MS		19.40	15.45
SG12201	IP		17.85	14.25
SG12301	IS		9.25	7.40
SG13001	MP	Line Driver	36.35	29.00
SG13101	MS		24.25	19.30
SG13201	IP		21.80	17.40
SG13301	IS		12.10	9.70
SG14001	MP	Triple 2-Input NAND/NOR Gate	33.00	26.35
SG14101	MS		22.00	17.55
SG14201	IP		19.85	15.80
SG14301	IS		11.05	8.80
SG15001	MP	Quad 2-Input OR Expander	17.60	14.05
SG15101	MS		17.60	14.05
SG15201	IP		8.40	6.70
SG15301	IS		8.40	6.70
SG17001	MP	Dual 3-Input OR Expander	8.80	7.05
SG17301	IS		5.35	4.30
SG18001	MP	Dual 3-Input AND Expander	8.80	7.05
SG18301	IS		5.35	4.30
SF1001	MP	Set-Reset Flip-Flop	29.75	23.70
SF1101	MS		19.40	15.45
SF1201	IP		17.85	15.65
SF1301	IS		9.25	8.15
SF2001	MP	Two-Phase SR Clocked Flip-Flop	33.05	26.35
SF2101	MS		22.00	17.55
SF2201	IP		19.85	15.80
SF2301	IS		11.05	8.80
SF3001	MP	Single-Phase SRT Flip-Flop	36.35	29.00
SF3101	MS		24.25	19.30
SF3201	IP		21.80	17.40
SF3301	IS		12.10	9.70
SF5001	MP	J-K Flip-Flop (AND Input)	49.55	39.50
SF5101	MS		33.05	26.35
SF5201	IP		29.75	23.70
SF5301	IS		16.55	13.20

SYLVANIA

Subsidiary of GENERAL TELEPHONE & ELECTRONICS

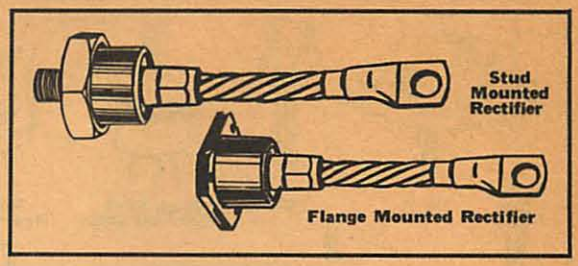
MULTIPLE DIODES, POWER RECTIFIERS

MULTIPLE DIODES

Silicon planar epitaxial high speed diodes. Hermetically sealed. Two, three, four or eight diodes in single chip for excellent matching over temperature −65° C to +175° C. Surge current per diode, 500 mA, 1 μsec. Max. power dissipation, 300 mW each diode, 400 mW package.

	Sylvania Type	JEDEC	No. of Diodes	PIV V	1.0 V IFWD mA	Recov. trr nsec	Cap., pF§
Common Cathode	M0001/SID2A-1	TO-46*	2	40	100	3.0	4.5
	M0002/SID3A-2	TO-46†	3	40	100	3.0	4.5
	M0003/SID2A-2	TO-46*	2	75	75	3.0	3.5
	M0004/SID3A-2	TO-46†	3	75	75	3.0	3.5
	M0005/SID2A-3	TO-46*	2	100	50	3.0	2.5
	M0006/SID3A-3	TO-46†	3	100	50	3.0	2.5
	M0007/SID2A-4	TO-46*	2	40	20	4.0	4.5
	M0008/SID3A-4	TO-46†	3	40	20	4.0	4.5
	M0009/SID4A-1	TO-46‡	4	40	20	4.0	4.5
	M0010/SID4A-2	TO-46‡	4	40	100	3.0	4.5
	M0011/SID4A-3	TO-46‡	4	75	75	3.0	3.5
	M0012/SID4A-4	TO-46‡	4	100	50	3.0	2.5
	M0027/SID2E-1	TO-46†	2	20	5	.....	.....
	M0045/SID2A-6	TO-46*	2	100	100	3.0	2.5
	M0046/SID3A-6	TO-46†	3	100	100	3.0	2.5
	M0047/SID4A-8	TO-46‡	4	100	100	3.0	2.5
	M0058/SID4E-2	TO-46‡	4	100	.....	4.0	2.0
	M0059/SID4A-9	TO-46‡	4	40	50	6.0	4.0
	M0060/SID4A-7	TO-46‡	4	40	200	6.0	6.0
	M0061/SID4C-1	TO-46‡	4	15	175	4.0	4.0
	M0063/SID4E-3	TO-46‡	4	15	40	4.0	4.0
	M0083/SID4A-10	TO-46‡	4	30	500	4.0	.....
	M0090/SID4E-7	TO-46†	4	30	10	4.0	4.0
	M0092/SID4A-5	TO-46‡	4	12	20	.....	6.0
	M0110/SID8A-1	TO-5#	8	40	30	4.0	4.5
	M0127/SID2E-2	TO-46*	2	45	50	3	4.5
	M0128/SID4E-4	TO-46‡	4	45	40	4	4.5
	M0129/SID5E-2	TO-46‡	5	45	50	4	4.5
	M0130/SID5E-3	TO-46‡	5	45	50	4	4.5

*Three leads. †Four leads. ‡Five leads. #Ten leads. §At zero volts, 1 Mc.



MULTIPLE DIODES (CONT'D)

	Sylvania Type	JEDEC	No. of Diodes	PIV V	1.0 V IFWD mA	Recov. trr nsec	Cap., pF§
Common Anode	M0062/SID4B-4	TO-46‡	4	40	200	6.0	6.0
	M0082/SID4B-8	TO-46‡	4	30	500	4.0	.....
	M0101/SID2B-1	TO-46*	2	40	20	4.0	5.0
	M0102/SID3B-1	TO-46†	3	40	20	4.0	5.0
	M0103/SID4B-2	TO-46‡	4	40	20	4.0	5.0
	M0104/SID2B-2	TO-46*	2	75	75	3.0	4.5
	M0105/SID3B-2	TO-46†	3	75	75	3.0	4.5
	M0106/SID4B-3	TO-46‡	4	75	75	3.0	4.5
	M0107/SID2B-3	TO-46*	2	40	100	3.0	5.0
	M0108/SID3B-3	TO-46†	3	40	100	3.0	5.0
	M0109/SID4B-5	TO-46‡	4	40	100	3.0	5.0
	M0111/SID8B-1	TO-5#	8	40	30	4.0	5.0

INTEGRATED STEERING DIODES

Silicon planar epitaxial, high conductance, signal chip diodes.

•	M0112/SID4A-6	TO-46‡	4	60	300■	.....	10.0
•	M0113/SID5A-1	TO-5#	5	60	300■	.....	10.0
▲	M0114/SID4B-6	TO-46‡	4	60	300■	.....	12.0
▲	M0115/SID5B-1	TO-5#	5	60	300■	.....	12.0

*Three leads. †Four leads. ‡Five leads. #Ten leads. §At zero volts, 1 Mc. •Common cathode. ▲Common anode. ■At 1.1 volts

SILICON POWER RECTIFIERS

Ratings from 3 to 450 amperes. Stud-mounted unless otherwise noted. Choice of positive (cathode connected to hex or flange) or negative (anode to hex or flange) polarity; types listed are positive—for negative, add suffix **R** (e.g., 1N1581**R**) when ordering. Complete with mounting hardware.

EIA/Syl. Type	Rtd. Amps	Max. V Rms	Max. V PRV
1N1581	3	35	50
1N1582	3	70	100
1N1583	3	140	200
1N1584	3	210	300
1N1585	3	280	400
1N1586	3	350	500
1N1587	3	420	600
PR9000	3	490	700
PR9001	3	560	800
PR9002	3	630	900
PR9003	3	700	1000
1N1341	6	35	50
1N1342	6	70	100
1N1343	6	105	150
1N1344	6	140	200
1N1345	6	210	300
1N1346	6	280	400
1N1347	6	350	500
1N1348	6	420	600
PR9004	6	490	700
PR9005	6	560	800
PR9006	6	630	900
PR9007	6	700	1000
1N1199	12	35	50
1N1200	12	70	100
1N1201	12	105	150
1N1202	12	140	200
1N1203	12	210	300
1N1204	12	280	400
1N1205	12	350	500
1N1206	12	420	600
PR9008	12	490	700
PR9009	12	560	800
PR9010	12	630	900
PR9011	12	700	1000
1N2154	25	35	50
1N2155	25	70	100
1N2156	25	140	200
1N2157	25	210	300
1N2158	25	280	400
1N2159	25	350	500
1N2160	25	420	600
PR9012	25	490	700
PR9013	25	560	800
PR9014	25	630	900
PR9015	25	700	1000
PR9016*	25	35	50
1N1454*	25	70	100
1N1455*	25	140	200
1N1456*	25	210	300
1N1457*	25	280	400
PR9017*	25	350	500

EIA/Syl. Type	Rtd. Amps	Max. V Rms	Max. V PRV
PR9018*	25	420	600
PR9019*	25	490	700
PR9020*	25	560	800
PR9021*	25	630	900
PR9022*	25	700	1000
1N1183	35	35	50
1N1184	35	70	100
1N1185	35	105	150
1N1186	35	140	200
1N1187	35	210	300
1N1188	35	280	400
1N1189	35	350	500
1N1190	35	420	600
PR9023	35	490	700
PR9024	35	560	800
PR9025	35	630	900
PR9026	35	700	1000
PR9027*	35	35	50
1N1458*	35	70	100
1N1459*	35	140	200
1N1460*	35	210	300
1N1461*	35	280	400
PR9028*	35	350	500
PR9029*	35	420	600
PR9030*	35	490	700
PR9031*	35	560	800
PR9032*	35	630	900
PR9033*	35	700	1000
PR9034	50	35	50
PR9035	50	70	100
PR9036	50	140	200
PR9037	50	210	300
PR9038	50	280	400
PR9039	50	350	500
PR9040	50	420	600
PR9041	50	490	700
PR9042	50	560	800
PR9043	50	630	900
PR9044	50	700	1000
PR9045	75	35	50
PR9046	75	70	100
PR9047	75	140	200
PR9048	75	210	300
PR9049	75	280	400
PR9050	75	350	500
PR9051	75	420	600
PR9052*	75	35	50
PR9053*	75	70	100
PR9054*	75	140	200
PR9055*	75	210	300
PR9056*	75	280	400

EIA/Syl. Type	Rtd. Amps	Max. V Rms	Max. V PRV
PR9057*	75	350	500
PR9058*	75	420	600
PR9059	100	35	50
PR9060	100	70	100
PR9061	100	140	200
PR9062	100	210	300
PR9063	100	280	400
PR9064	100	350	500
PR9065	100	420	600
PR9066	100	490	700
PR9067	100	560	800
PR9068*	100	35	50
PR9069*	100	70	100
PR9070*	100	140	200
PR9071*	100	210	300
PR9072*	100	280	400
PR9073*	100	350	500
PR9074*	100	420	600
PR9075	160	35	50
PR9076	160	75	100
PR9077	160	140	200
PR9078	160	210	300
PR9079	160	280	400
PR9080	160	350	500
PR9081	160	420	600
PR9082	160	490	700
PR9083	160	560	800
PR9084	160	630	900
PR9085	160	700	1000
PR9086*	160	35	50
1N1466*	160	75	100
1N1467*	160	140	200
1N1468*	160	210	300
1N1469*	160	280	400
PR9087*	160	350	500
PR9088*	160	420	600
PR9089*	160	490	700
PR9090*	160	560	800
PR9091*	160	630	900
PR9092*	160	700	1000
PR9093	175	35	50
PR9094	175	75	100
PR9095	175	140	200
PR9096	175	210	300
PR9097	175	280	400
PR9098	175	350	500
PR9099	175	420	600
PR9100	175	490	700
PR9101	175	560	800
PR9102	175	630	900
PR9103	175	700	1000

EIA/Syl. Type	Rtd. Amps	Max. V Rms	Max. V PRV
PR9104*	175	35	50
PR9105*	175	75	100
PR9106*	175	140	200
PR9107*	175	210	300
PR9108*	175	280	400
PR9109*	175	350	500
PR9110*	175	420	600
PR9111*	175	490	700
PR9112*	175	560	800
PR9113*	175	630	900
PR9114*	175	700	1000
PR9115	240	35	50
PR9116	240	75	100
PR9117	240	140	200
PR9118	240	210	300
PR9119	240	280	400
PR9120	240	350	500
PR9121	240	420	600
PR9122	240	490	700
PR9123	240	560	800
PR9124	240	630	900
PR9125	240	700	1000
PR9126	240	840	1200
PR9127*	240	35	50
PR9128*	240	75	100
PR9129*	240	140	200
PR9130*	240	210	300
PR9131*	240	280	400
PR9132*	240	350	500
PR9133*	240	420	600
PR9134*	240	490	700
PR9135*	240	560	800
PR9136*	240	630	900
PR9137*	240	700	1000
PR9138	275	35	50
PR9139	275	75	100
PR9140	275	140	200
PR9141	275	210	300
PR9142	275	280	400
PR9143	275	350	500
PR9144	275	420	600
PR9145	275	490	700
PR9146	275	560	800
PR9147	275	630	900
PR9148	275	700	1000
PR9149	275	840	1200
PR9150*	275	35	50
PR9151*	275	75	100
PR9152*	275	140	200
PR9153*	275	210	300
PR9154*	275	280	400
PR9155*	275	350	500

EIA/Syl. Type	Rtd. Amps	Max. V Rms	Max. V PRV
PR9156*	275	420	600
PR9157*	275	490	700
PR9158*	275	560	800
PR9159*	275	630	900
PR9160*	275	700	1000
1N3585	400	35	50
1N3586	400	75	100
1N3587	400	140	200
1N3588	400	210	300
1N3589	400	280	400
1N3590	400	350	500
1N3591	400	420	600
PR9161	400	490	700
PR9162	400	560	800
PR9163	400	630	900
PR9164	400	700	1000
PR9165	400	840	1200
PR9166*	400	35	50
1N1478*	400	75	100
1N1479*	400	140	200
1N1480*	400	210	300
1N1481*	400	280	400
PR9167*	400	350	500
PR9168*	400	420	600
PR9169*	400	490	700
PR9170*	400	560	800
PR9171*	400	630	900
PR9172*	400	700	1000
PR9173	450	35	50
PR9174	450	75	100
PR9175	450	140	200
PR9176	450	210	300
PR9177	450	280	400
PR9178	450	350	500
PR9179	450	420	600
PR9180	450	490	700
PR9181	450	560	800
PR9182	450	630	900
PR9183	450	700	1000
PR9184	450	840	1200
PR9185*	450	35	50
PR9186*	450	75	100
PR9187*	450	140	200
PR9188*	450	210	300
PR9189*	450	280	400
PR9190*	450	350	500
PR9191*	450	420	600
PR9192*	450	490	700
PR9193*	450	560	800
PR9194*	450	630	900
PR9195*	450	700	1000

*Flange mounted.

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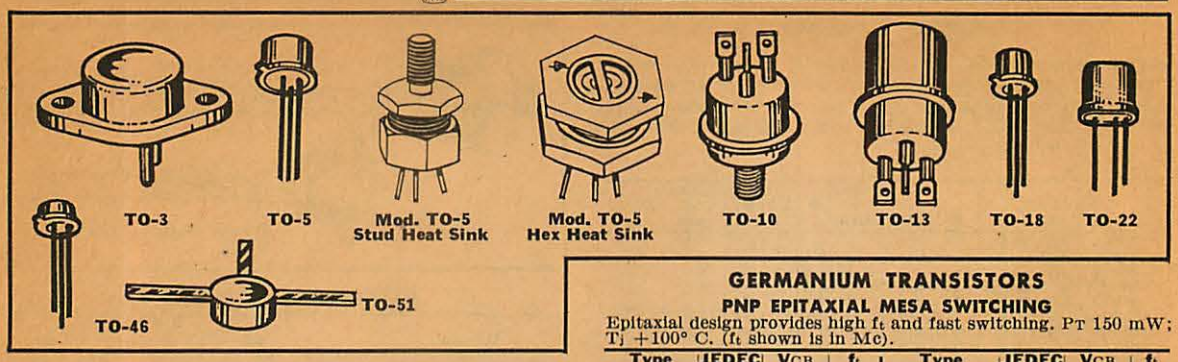
SYLVANIA Semiconductors

Subsidiary of GENERAL TELEPHONE & ELECTRONICS



SILICON EPITAXIAL PLANAR TRANSISTORS

NPN MICRO POWER

V_{CB}: 15 V. **2N2784 Series**—World's fastest silicon transistor switch, "purple plague" free, passivated planar; T_j +200° C; P_T 300 mW.

Sylv. Type	JEDEC	f_t Mc	$t_{on}+t_{off}$ nsec	Sylv. Type	JEDEC	f_t Mc	$t_{on}+t_{off}$ nsec
2N709	TO-18	800	30	2N2475/46	TO-46	800	35
2N709/46	TO-46	800	30	2N2475/51	TO-51	800	35
2N709/51	TO-51	800	30	2N2784	TO-18	1200	18
2N709A	TO-18	900	30	2N2784/46	TO-46	1200	18
2N709A/46	TO-46	900	30	2N2784/51	TO-51	1200	18
2N709A/51	TO-51	900	30	SYL4052	TO-18	600	.....
2N2475	TO-18	800	35				

NPN SMALL SIGNAL AMPLIFIERS

For VHF and UHF oscillator and amplifier applications.

Sylv. Type	JEDEC	h_{FE} Min.-Max.	V_{CB} V	Sylv. Type	JEDEC	h_{FE} Min.-Max.	V_{CB} V
2N706A	TO-18	76–333	60	2N918/			
2N917	TO-18	20 min.	30	51	TO-51	20 min.	30
2N917/51	TO-51	20 min.	30	2N930	TO-18	100–300	45
2N918	TO-18	20 min.	30	2N2857	TO-18	.....	....

NPN SMALL SIGNAL

Extremely fast switching transistors. "Purple plague" free, passivated construction. P_T: TO-18 300 mW; TO-46 400 mW; TO-51 300 mW. T_j +200° C.

Sylv. Type	JEDEC	V_{CB} V	f_t Mc	Sylv. Type	JEDEC	V_{CB} V	f_t Mc
2N703	TO-18	25 V	.....	2N753	TO-18	25 V	320
2N706	TO-18	25 V	320	2N753/46	TO-46	25 V	320
2N706/46	TO-46	25 V	320	2N753/51	TO-51	25 V	320
2N706/51	TO-51	25 V	320	2N784	TO-18	30 V	350
JAN2N706	MIL-S-19500/120B			2N784A	TO-18	40 V	350
2N706A	TO-18	25 V	320	2N834	TO-18	40 V	450
2N706A/46	TO-46	25 V	320	2N834/46	TO-46	40 V	450
2N706A/51	TO-51	25 V	320	2N834/51	TO-51	40 V	450
2N706B	TO-18	25 V	320	2N835	TO-18	25 V	425
2N706B/46	TO-46	25 V	320	2N835/46	TO-46	25 V	425
2N706B/51	TO-51	25 V	320	2N835/51	TO-51	25 V	425
2N708	TO-18	40 V	400	2N914	TO-18	40 V	450
2N708/46	TO-46	40 V	400	2N1962	TO-46	40 V	350
2N708/51	TO-51	40 V	400	2N1963	TO-46	30 V	350
2N743	TO-18	20 V	350	2N2205	TO-18	25 V	375
2N743/46	TO-46	20 V	350	2N2397	TO-51	35 V	350
2N743/51	TO-51	20 V	350	2N2651	TO-18	.....	.....
2N744	TO-18	20 V	350	2N2719	TO-18	25 V	.....
2N744/46	TO-46	20 V	350	2N2831	TO-18	40 V	250

NPN LARGE SIGNAL

"Purple plague" free, passivated construction. Fast switching combined with high power dissipation. T_j +200° C.

Sylv. Type	JEDEC	V_{CB} V	f_t Mc	Sylv. Type	JEDEC	V_{CB} V	f_t Mc
2N697	TO-5	60	160	2N2220	TO-18	60	250
2N1958	TO-5	60	140	2N2221	TO-18	60	250
2N1958A	TO-5	60	150	2N2222	TO-18	60	250
2N1959	TO-5	60	140	2N2297	TO-5	80	120
2N1959A	TO-5	60	150	2N2410	TO-5	60	230
2N1959A/51	TO-51	60	150	2N2537	TO-5	60	250
2N1964	TO-46	60	150	2N2538	TO-5	60	250
2N1965	TO-46	60	150	2N2539	TO-18	60	250
2N1990	TO-5	100	100	2N2540	TO-18	60	250
2N2217	TO-5	60	250	2N2618	TO-5	60	230
2N2218	TO-5	60	250	2N2618/46	TO-46	60	230
2N2219	TO-5	60	250	SYL2860	TO-5	40	.....

PNP LARGE SIGNAL

"Purple plague" free, passivated construction with channelling guard. T_j +200° C.

Sylv. Type	JEDEC	V_{CB} V	f_t Mc	Sylv. Type	JEDEC	V_{CB} V	f_t Mc
2N1131	TO-5	50	100	2N2303	TO-5	50	60
2N1131A	TO-5	60	120	2N2800	TO-5	50	120
2N1132	TO-5	50	120	2N2801	TO-5	50	120
2N1132/18	TO-18	50	120	2N2906	TO-18	60	200
2N1132A	TO-5	60	120	2N2907	TO-18	60	200
2N1132B	TO-5	70	120	2N3081	TO-51	70	150

GERMANIUM TRANSISTORS

PNP EPITAXIAL MESA SWITCHING

Epitaxial design provides high f_t and fast switching. P_T 150 mW; T_j +100° C. (f_t shown is in Mc).

Type	JEDEC	V_{CB}	f_t	Type	JEDEC	V_{CB}	f_t
2N501/18	TO-18	−15 V	250	2N963	TO-18	−12 V	350
2N705	TO-18	−15 V	290	2N964	TO-18	−15 V	420
USN2N705	MIL-S-19500/86			USN2N964	MIL-S-19500/258		
JAN2N705	MIL-S-19500/86A			2N965	TO-18	−12 V	420
2N705A	TO-18	−15 V	300	2N966	TO-18	−12 V	420
2N710	TO-18	−12 V	300	2N967	TO-18	−12 V	350
2N711	TO-18	−15 V	300	2N968	TO-18	−12 V	350
2N711A	TO-18	−18 V	300	2N985	TO-18	−15 V	360
2N711B	TO-18	−12 V	400	2N1646	TO-18	−15 V	320
2N782	TO-18	−15 V	380	2N1853/18	TO-18	−18 V	320
2N960	TO-18	−15 V	400	2N2455	TO-18	−15 V	800
2N961	TO-18	−12 V	400	2N2630	TO-18	−18 V	420
2N962	TO-18	−12 V	400	2N2635	TO-18	−30 V	250
USN2N962	MIL-S-19500/258			2N2860	TO-18	.....	....

PNP EPITAXIAL MESA AMPLIFIERS

Epitaxial design provides excellent service in VHF and UHF applications. T_j +100° C.

Sylv. Type	JEDEC	V_{CB} V	f_t Mc	Sylv. Type	JEDEC	V_{CB} V	f_t Mc
2N700/18	TO-18*	−25	500	USN2N-			
2N741	TO-18	−15	360	1142	MIL-S-19500/87		
2N741A	TO-18	−20	360	2N1143, A	TO-5	−25	800
2N1141, A	TO-5	−35	1200	2N1195	TO-5	−30	750
2N1142	TO-5	−30	1000	2N2455	TO-18	−15	800
2N1142A	TO-5	−30	1000	2N2456	TO-18	−15	1200

*With four leads.

PNP MEDIUM POWER AND AUDIO

Available in modified TO-5 case; also stud heat sink and hex heat sink versions. I_C 3 amps; P_T 20 watts. (V_{CB} shown is volts.)

Type	V_{CB}	h_{FE}	Type	V_{CB}	h_{FE}
2N1038	−40	33–200 at 50 mA	2N2557	−60	33–200 at 50 mA
2N1039	−60	33–200 at 50 mA	2N2558	−80	33–200 at 50 mA
2N1040	−80	33–200 at 50 mA	2N2559	−100	33–200 at 50 mA
2N1041	−100	33–200 at 50 mA	2N2560	−40	20–60 at 3 amps
2N1042-2	−40	20–60 at 3 amps	2N2561	−60	20–60 at 3 amps
2N1043-2	−60	20–60 at 3 amps	2N2562	−80	20–60 at 3 amps
2N1044-2	−80	20–60 at 3 amps	2N2563	−100	20–60 at 3 amps
2N1045-2	−100	20–60 at 3 amps	2N2564	−40	20–60 at 3 amps
2N2552	−40	33–200 at 50 mA	2N2565	−60	20–60 at 3 amps
2N2553	−60	33–200 at 50 mA	2N2566	−80	20–60 at 3 amps
2N2554	−80	33–200 at 50 mA	2N2567	−100	20–60 at 3 amps
2N2555	−100	33–200 at 50 mA	SYL4258	−30	30 min. at 1 amp
2N2556	−40	33–200 at 50 mA			

NPN AUDIO POWER

Offer high power, high current capabilities.

Sylv. Type	JEDEC	V_{CB} V	P_T W	h_{FE} at 500mA	Sylv. Type	JEDEC	V_{CB} V	P_T W	h_{FE} at 500mA
2N102/13	TO-13	30	4	10	2N1294	TO-3	60	25	30
2N144/13	TO-13	60	4	10	2N1296	TO-3	80	25	30
2N326	TO-3	35	7	30-60	2N1321	TO-10	35	25	30
2N1218	TO-3	45	6	.....	2N1323	TO-10	60	25	30
2N1292	TO-3	35	25	30	2N1325	TO-10	80	25	30

NPN AUDIO AND GENERAL PURPOSE

Feature rugged construction in space saving JEDEC TO-22 case. P_T 180 mW; I_C 100 mA; T_j +85° C.

Sylv. Type	Application	V_{CB} V	V_{CE} V	Sylv. Type	Application	V_{CB} V	V_{CE} V
2N35	Hi-gain amp.	40	25	2N647/22	Audio output	25	25
2N213	Driver	40	25	2N649/22	Audio output	18	18
2N213A	Hi-grain dri.	40	25	2N1059	Output amp.	20	15
2N214	Audio output	40	25	2N1101	Output amp.	20	15
2N228	Output amp.	40	15	2N1102	Output amp.	40	25
2N229	Gen. purpose	12	10	2N2151	Hi-gain amp.	20	15
2N306	Gen. purpose	20	15	2N2354	Output amp.	20	15

NPN IF AND RF

Used primarily in AM radio as RF and IF amplifiers, oscillators, mixers and converters. Rugged construction; spacesaving JEDEC TO-22 case. P_T 150 mW; I_C 100 mA; T_j +85° C.

Sylv. Type	Application	V_{CB} V	V_{CE} V	Sylv. Type	Application	V_{CB} V	V_{CE} V
2N94	IF amplifier	25	20	2N216	IF amplifier	18	18
2N94A	IF amplifier	25	20	2N233	Gen. purp.	12	10
2N193	Oscillator	18	18	2N233A	Gen. purp.	20	18
2N194	Mixer/conv.	18	18	2N515	IF amplifier	18	18
2N194A	Mixer/conv.	25	20	2N516	IF amplifier	18	18
2N211	Osc./mixer	18	18	2N517	IF amplifier	18	18
2N212	Mixer/conv.	20	18	2N1058	Mixer/conv.	18	18

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SYLVANIA Semiconductors

Subsidiary of GENERAL TELEPHONE & ELECTRONICS

GERMANIUM POINT CONTACT DIODES

For use in communication equipment, computers and all types of control equipment, also in the audio, IF, RF and VHF ranges.

Sylv. Type	Fig.	PRV V	I_{FWD}* mA	I_R μA	Sylv. Type	Fig.	PRV V	I_{FWD}* mA	I_R μA
1N34A	B*	75	50	480	1N90	A	75	30	500
1N35	B†	75	22.5	10	1N115	B	70	25	500
1N38A	B*	120	50	500	1N116	A	75	45	100
1N38B‡	B*	125	50	500	1N119	B	70	25	125
1N39B	B	220	50	600	1N120	B	70	25	200
1N40	...	75	22.5	35	1N126A	A	75	30	800
1N52A	B	85	50	100	1N127A	A	125	30	300
1N54A	B*	75	50	100	1N128‡	A	50	30	10
1N55A‡	B*	170	50	500	1N191	A	90	30	125
1N56A	B	50	60	300	1N192	A	70	45	100
1N58A	B*	120	50	600	1N198	A	100	30	50
1N60	B*	30	50	.....	1N198A	A	100	30	50
1N63	B*	125	50	50	1N198B	A	100	30	50
1N65	B*	85	50	200	1N294	A	70	50	800
1N67A	A	100	30	50	1N295	A	50	30	180
1N68A	A	125	40	625	1N297	A	100	35	100
1N69A‡	B	75	40	500	1N298	A	85	50	250
1N70A‡	B	125	30	300	1N632	A	90	16	120
1N71	..	50	60	300	1N636	A	75	30	20
1N81A‡§	B	55	30	10	1N805	A	50	35	100
1N82§	B	5	25#	3000	1N933	A	100	30	80
1N82A‡§	B	5	25#	3000	D1820	A	30	50	25

*Fig. A type also available. †Matched pair. ‡Available to applicable military specifications. §Silicon point contact diode. #Recurrent peak. *Average.

SILICON MIXER AND DETECTOR DIODES

Encompasses standard point contact devices from UHF to millimeters. Packages for stripline, coaxial or waveguide structures plus special products such as power monitors, high-burnout units and hermetically sealed devices for a broad selection. Custom engineering available on request.

MIXER DIODES

Sylvania Type No. Standard Type	Sylvania Type No. Reversible	NF db	Fig.
Frequency Band L			
1N25, R	D4084	12.6	D*
1N25A, AR	D4084A	10.3	D*
1N25B, BR	D4084B	8.3	...
Frequency Band S			
1N21C, CR	1N416C	8.3	D
.....	D5221C	8.3	...
D4186C, CR	D4188C	8.3	...
D4180C, CR	1N3655	8.3	D
.....	1N831	8.3	H
1N21D, DR	1N416D	7.3	D
.....	D5221E	7.0	...
.....	D5091	7.0	...
1N21E, ER	1N416E	7.0	D
.....	1N21WE	7.0	D
.....	1N831A	7.0	H
D4180E, ER	1N3655A	7.0	D
.....	1N3655B	6.5	D
1N21F, FR	1N416F	6.0	D
D4186F, FR	D4188F	6.0	...
1N21G	1N416G	5.5	...
Frequency Band S-X			
1N1132, R	.....	9.5	G
Frequency Band X			
.....	D5223C	9.5	...
.....	D5092	9.5	...
1N23C, CR	1N415C	9.5	D
D4181C, CR	1N3745	9.5	...
1N2510, R	.....	9.5	E
D4187C, CR	D4189C	9.5	...
.....	1N832	9.5	I
D4181D, DR	1N3746	8.5	...
1N149, R	.....	8.3	...
1N23D, DR	1N415D	7.8	D
D4187D, DR	D4189D	7.8	...
Frequency Band X (Cont'd)			
1N23E, ER	1N415E	7.5	D
.....	1N23WE	7.5	D
.....	1N832A	7.5	I
D4181E, ER	1N3747	7.5	...
D4160, R	.....	7.5	...
1N23F, FR	1N415F	7.0	D
1N23G	1N415G	6.5	...
Frequency Band Ku			
.....	1N918	12.0	...
D4082, R	.....	12.0	...
1N78B, BR	.....	8.8	E
D4082B, BR	.....	8.8	...
1N3205, R	.....	8.5	E
1N78C, CR	.....	8.3	E
D4081, R	.....	7.8	...
1N78D, DR	.....	7.5	E
D4081A, AR	.....	7.3	...
Frequency Band X-K			
1N286	.....	13.1	...
1N286A	.....	11.3	...
Frequency Band K			
1N26, R	.....	13.1	E
1N26A, AR	.....	11.3	E
1N26B, BR	.....	10.0	E
1N26C, CR	.....	9.5	E
D4089, R	.....	9.3	...
Frequency Band Ka			
1N53, R	.....	13.1	F
D4136, R	.....	13.1	...
1N53A, AR	.....	11.1	F
1N53B, BR	.....	10.0	F
1N53C, CR	.....	9.0	F
1N53D, DR	.....	9.0	F

DETECTOR DIODES

Sylv. Type	Freq. Band	T_{SS}* -dbm	FM Min.	Sylv. Type	Freq. Band	T_{SS}* -dbm	FM Min.
1N830†	100 Mc	.....	.....	1N833†	X	40	15
1N830A†	100 Mc	.....	.....	D5233†	X	40	15
D5090†	100 Mc	.....	.....	D5093†	X	40	15
1N358, R	L-X	40	15	1N833A†	X	45	....
1N630, R	L-X	40	15	D5093A†	X	45	30
1N358A, AR	L-X	45	30	1N3143	X	‡	....
1N369A, AR	L-X	40	15	1N3778†	X	‡	....
1N32, R	S	49	85	1N2926, R	X-K	40	15
1N2102†	S	49	85	1N2926A, AR	X-K	45	30
1N4379†	S	50	100	D4194	Ku	48	100
1N369, R	S-X	40	15	D4194A	Ku	51	200
1N1610, R	S-X	40	15	D4195	K	48	100
1N1611, R	X	51	130	D4195A	K	51	200
D4072†	X	51	130	D4196	Ka	45	50
1N1611A, AR	X	53	220	D4196A	Ka	48	100
D4072A†	X	53	220	1N446, R	Ka	40	15
1N1611B, BA	X	53	220	D4074	Q-W	40	25
1N31	X	47	55	D4074A	Q-W	45	50

*Bandwidth = 10 Mc. †Reversible type. ‡Power monitor.

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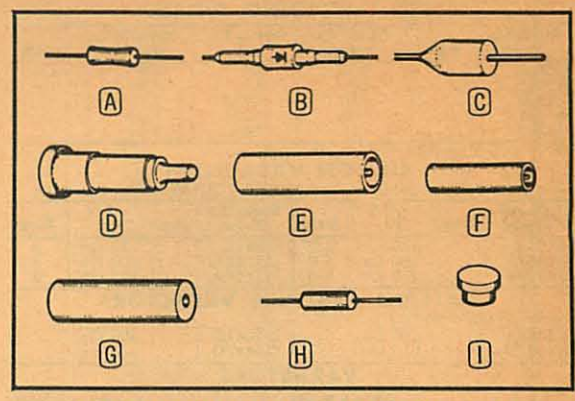

SILICON JUNCTION DIODES (FIG. A)

Designed for AF switching, rectifying, clipping and clamping, etc. **Absolute maximum ratings at 25° C unless otherwise noted.**

Sylv. Type	V_R V	I_{FWD} Avg.	I_R μA	Sylv. Type	V_R V	I_{FWD} Avg.	I_R μA
1N456	25	90 mA	.025	1N484	130	100 mA	.25
1N456A	25	200 mA	.025	1N484A, B	130	200 mA	.025
1N457*	60	75 mA	.025	1N485	180	100 mA	.25
1N457A	60	200 mA	.025	1N485A, B	180	200 mA	.025
1N458*	125	55 mA	.025	1N486A, B	225	200 mA	.05
1N458A	125	200 mA	.025	1N487	300	100 mA	.25
1N459*	175	40 mA	.025	1N487A	300	200 mA	.1
1N459A	175	200 mA	.025	1N488	380	100 mA	.25
1N461	25	60 mA	.5	1N488A	380	200 mA	.1
1N461A	25	200 mA	.5	1N625	30	200 mA	1.0
1N462	60	50 mA	.5	1N626	50	20 mA	1.0
1N462A	60	200 mA	.5	1N627	100	20 mA	1.0
1N463	175	30 mA	.5	1N628	150	20 mA	1.0
1N463A	175	200 mA	.5	1N629	200	20 mA	1.0
1N464	125	40 mA	.5	1N643A	175	40 mA	1.0
1N464A	125	200 mA	.5	1N658	100	200 mA	.05
1N482	36	100 mA	.25	1N659	50	100 mA	.05
1N482A, B	36	200 mA	.025	1N662*	50	40 mA	1.0
1N483	70	100 mA	.25	1N663*	75	60 mA	5.0
1N483A, B	70	200 mA	.025	1N816*	500	150 mA	.1

*MIL type also available.

HIGH SPEED SILICON EPITAXIAL PLANAR DIODES (FIG. A)

Sylv. Type	Recov. μsec	PRV V	I_{FWD}† mA	Sylv. Type	Recov. μsec	PRV V	I_{FWD}† mA
1N251*	150*	40	40	1N908	4	40	50
1N252	150*	40	40	1N908A	4	40	50
1N903	4	40	50	1N914*	4	100	75
1N903A	4	40	50	1N914A	4	100	75
1N904	4	30	50	1N914B	4	100	75
1N904A	4	30	50	1N916	4	100	75
1N905	4	20	50	1N916A	4	100	75
1N905A	4	20	50	1N916B	4	100	75
1N906	4	20	50	1N3064*	4*	75	75
1N906A	4	20	50	1N3604	4*	75	75
1N907	4	30	50	1N3605	4*	40	50
1N907A	4	30	75	1N3731	3*	100	200

*Nsec. †Average. *MIL type also available.

SILICON BULLET RECTIFIERS (FIG. C)

Sylv. Type	Volts Rms	Volts PIV	Max. mADC	Sylv. Type	Volts Rms	Volts PIV	Max. mADC
1N2069, A	140	200	750	SR200B	210	300	500
1N2070	280	400	750	SR500B	280	400	500
1N2071, A	420	600	750	SR1692	70	100	600*
1N2482	140	200	750	SR1693	140	200	600*
1N2483	280	400	750	SR1694	210	300	600*
1N2484	420	600	750	SR1695	250	400	600*

*At 50° C; all others at 25° C.

GERMANIUM SOLID STRUCTURE DIODES

Sylvania Type No.			I_p mA ±20%	Min. F_{TO} GHz
D5360	D5560	D5570	1.2	5.0
D5360A	D5560A	D5570A	1.2	25
.....	D5560B	D5570B	1.2	20
D5361	D5561	D5571	1.8	5.0
D5361A	D5561A	D5571A	1.8	25
.....	D5561B	D5571B	1.8	15
D5362	D5562	D5572	2.7	5.0
D5362A	D5562A	D5572A	2.7	25
.....	D5562B	D5572B	2.7	12
D5363	D5563	D5573	3.9	5.0
D5363A	D5563A	D5373A	3.9	25
.....	D5563B	D5573B	3.9	10
D5364	D5564	D5574	5.6	5.0
D5364A	D5564A	D5574A	5.6	25
.....	D5564B	D5574B	5.6	7.5
D5365	D5565	D5575	8.2	5.0
D5365A	D5565A	D5575A	8.2	25
.....	D5565B	D5575B	8.2	5.5

SYLVANIA Diodes, Rectifiers

Subsidiary of GENERAL TELEPHONE & ELECTRONICS

PIN SWITCHING DIODES

Sylvania Type	Fig.	Min. V_B Volts	Max. C_j, pF	Max. R_S, Ohms	P_T, Watts
D5020	.....	200	0.4	3.0	1.0
D5030	.....	500	0.4	3.0	1.0
D5151	.....	50	0.20*	3.75†	.....
D5151A	.....	80	0.10*	3.0†	.....
D5167	.....	75	0.4*	3.0†	.....

*C_T. †Z_F, dynamic forward impedance.

SILICON VARACTORS

For parametric amplifier applications. Breakdown, 5.5 volts.

Sylvania Type	Fig.	−3 V F_{co}	Beta	Sylvania Type	Fig.	−3 V F_{co}	Beta
D5046	....	150 Gc	3.0	D5146	....	75 Gc	8
D5046A	....	200 Gc	3.0	D5146A	....	100 Gc	8
D5046B	....	250 Gc	3.0	D5146B	....	125 Gc	8

GALLIUM ARSENIDE VARACTORS

Breakdown, 6 volts.

D5047A	....	200 Gc	.....	D5047C	....	300 Gc	.....
D5047B	....	250 Gc	.....	D5047D	....	350 Gc	.....

VARACTORS

Sylvania Type	Fig.	V_B V	At −6 Volts C_j, pF	At −6 Volts F_c, Gc	Sylvania Type	Fig.	V_B V	At −6 Volts C_j, pF	At −6 Volts F_c, Gc
D4601H	....	6	0.4–1.0	100	D4813D	....	15	2–4	60
D4612F	....	15	1–2	80	D4821E	....	24	0.4–1.0	70
D4651D	....	60	0.4–1.0	60	D4841F	....	45	0.4–1.0	80
D4801G	....	6	0.4–1.0	90	D4853	....	60	2–4	20
D4801H	....	6	0.4–1.0	100	D4873-2	....	120	2–4	10

GERMANIUM TUNNEL DIODES (FIG. I)

Sylvania Type	±10% I_p, mA	Min. F_{ro}, Gc	Sylvania Type	±10% I_p, mA	Min. F_{ro}, Gc
D4960	1.5	5.5	D5060	1.5	5.5
D4960A	1.5	10	D5060A	1.5	10
D4960B	1.5	16	D5060B	1.5	16
D4960C	1.5	26	D5060C	1.5	26
D4961	2.0	5	D5061	2.0	5
D4961A	2.0	9	D5061A	2.0	9
D4961B	2.0	14	D5061B	2.0	14
D4961C	2.0	24	D5061C	2.0	24
D4962	5.0	4	D5062	5.0	4
D4962A	5.0	7.5	D5062A	5.0	7.5
D4962B	5.0	12	D5062B	5.0	12
D4962C	5.0	20	D5062C	5.0	20
D4970	1.5	5.5	D5070	1.5	5.5
D4970A	1.5	10	D5070A	1.5	10
D4970B	1.5	16	D5070B	1.5	16
D4970C	1.5	26	D5070C	1.5	26
D4971	2.0	5	D5071	2.0	5
D4971A	2.0	9	D5071A	2.0	9
D4971B	2.0	14	D5071B	2.0	14
D4971C	2.0	24	D5071C	2.0	24
D4972	5.0	4	D5072	5.0	4
D4972A	5.0	7.5	D5072A	5.0	7.5
D4972B	5.0	12	D5072B	5.0	12
D4972C	5.0	20	D5072C	5.0	20

ALWAYS SPECIFY SYLVANIA FOR RELIABILITY IN NEW DEVELOPMENTS OF SEMICONDUCTORS

O.E.M. PRICING FOR SYLVANIA SEMICONDUCTORS

SILICON POWER RECTIFIERS

Sylvania Type	Net Each 1-99	Net Each 100-999	Sylvania Type	Net Each 1-99	Net Each 100-999	Sylvania Type	Net Each 1-99	Net Each 100-999	Sylvania Type	Net Each 1-99	Net Each 100-999
1N1183, R	$ 2.00	$ 1.59	PR9004, R	$ 8.46	$ 5.99	PR9069, R	$ 6.85	$ 5.50	PR9134, R	$ 50.30	$ 40.24
1N1184, R	2.99	2.02	PR9005, R	10.30	6.80	PR9070, R	10.05	8.04	PR9135, R	62.60	50.08
1N1185, R	3.58	2.49	PR9006, R	12.47	8.23	PR9071, R	13.20	10.55	PR9136, R	82.00	65.60
1N1186, R	3.99	2.78	PR9007, R	15.09	9.96	PR9072, R	17.20	13.75	PR9137, R	102.00	81.60
1N1187, R	4.99	3.44	PR9008, R	9.40	6.20	PR9073, R	22.30	17.85	PR9138, R	11.66	9.33
1N1188, R	5.53	3.79	PR9009, R	11.42	7.55	PR9074, R	28.90	23.10	PR9139, R	13.26	10.62
1N1189, R	6.05	4.14	PR9010, R	13.82	9.13	PR9075, R	7.15	5.75	PR9140, R	16.83	13.48
1N1190, R	6.33	4.34	PR9011, R	16.73	11.06	PR9076, R	8.10	6.50	PR9141, R	21.40	17.11
1N1199, R	1.13	.78	PR9012, R	11.00	8.80	PR9077, R	13.10	10.50	PR9142, R	27.17	21.73
1N1200, R	1.28	.89	PR9013, R	15.80	11.15	PR9078, R	16.65	13.30	PR9143, R	34.54	27.61
1N1201, R	1.60	1.20	PR9014, R	18.15	12.70	PR9079, R	21.10	16.90	PR9144, R	44.00	35.20
1N1202, R	2.19	1.71	PR9015, R	21.80	15.20	PR9080, R	26.80	21.50	PR9145, R	57.53	46.02
1N1203, R	2.53	2.28	PR9016, R	2.43	1.62	PR9081, R	34.10	28.90	PR9146, R	66.95	54.80
1N1204, R	3.06	2.60	PR9017, R	8.97	5.92	PR9082, R	44.30	35.44	PR9147, R	73.95	60.20
1N1205, R	3.88	3.46	PR9018, R	10.90	7.18	PR9083, R	54.90	43.92	PR9148, R	80.25	65.70
1N1206, R	4.88	4.19	PR9019, R	13.15	9.20	PR9084, R	72.00	57.60	PR9149, R	96.30	78.85
1N1341, R	1.05	.70	PR9020, R	15.80	11.15	PR9085, R	88.40	70.72	PR9150, R	9.46	7.57
1N1342, R	1.15	.80	PR9021, R	18.15	12.70	PR9086, R	6.65	5.35	PR9151, R	11.06	8.86
1N1343, R	1.45	1.00	PR9022, R	21.80	15.20	PR9087, R	24.80	19.85	PR9152, R	14.63	11.72
1N1344, R	1.95	1.54	PR9023, R	12.00	9.60	PR9088, R	32.10	25.70	PR9153, R	19.20	15.35
1N1345, R	2.20	2.00	PR9024, R	17.58	12.40	PR9089, R	42.30	33.84	PR9154, R	24.97	20.02
1N1346, R	2.70	2.40	PR9025, R	20.15	14.11	PR9090, R	52.90	42.32	PR9155, R	32.34	25.85
1N1347, R	3.40	3.05	PR9026, R	24.18	16.93	PR9091, R	70.00	56.00	PR9156, R	41.80	33.44
1N1348, R	4.30	3.85	PR9027, R	2.56	1.71	PR9092, R	86.40	69.12	PR9157, R	55.33	44.26
1N1454, R	3.06	2.04	PR9028, R	10.07	6.64	PR9093, R	7.87	6.33	PR9158, R	68.86	55.09
1N1455, R	4.56	2.98	PR9029, R	12.21	8.06	PR9094, R	8.91	7.15	PR9159, R	90.20	72.16
1N1456, R	6.13	3.95	PR9030, R	14.65	10.24	PR9095, R	14.41	11.55	PR9160, R	112.20	89.76
1N1457, R	6.95	4.45	PR9031, R	17.58	12.40	PR9096, R	18.32	14.63	PR9161, R	78.00	62.40
1N1458, R	3.22	2.15	PR9032, R	20.15	14.11	PR9097, R	23.21	18.59	PR9162, R	97.00	72.50
1N1459, R	4.70	3.14	PR9033, R	24.18	16.93	PR9098, R	29.48	23.65	PR9163, R	105.00	84.00
1N1460, R	6.88	4.42	PR9034, R	2.10	1.80	PR9099, R	37.51	31.79	PR9164, R	114.80	91.80
1N1461, R	8.32	5.50	PR9035, R	3.20	2.75	PR9100, R	48.73	38.98	PR9165, R	138.90	111.10
1N1466, R	7.60	6.10	PR9036, R	4.05	3.45	PR9101, R	60.39	48.31	PR9166, R	12.90	10.30
1N1467, R	11.10	8.88	PR9037, R	5.00	4.30	PR9102, R	79.20	63.36	PR9167, R	44.10	35.30
1N1468, R	14.65	11.70	PR9038, R	6.40	5.40	PR9103, R	97.24	77.79	PR9168, R	57.00	45.60
1N1469, R	19.10	15.30	PR9039, R	8.35	7.10	PR9104, R	7.32	5.89	PR9169, R	75.00	60.00
1N1478, R	15.10	12.10	PR9040, R	11.25	9.45	PR9105, R	8.36	6.71	PR9170, R	94.00	75.20
1N1479, R	19.95	15.95	PR9041, R	14.30	12.10	PR9106, R	12.21	9.77	PR9171, R	120.00	95.40
1N1480, R	26.20	20.95	PR9042, R	17.90	15.25	PR9107, R	16.12	12.87	PR9172, R	145.00	115.00
1N1481, R	34.00	27.20	PR9043, R	29.75	20.82	PR9108, R	21.01	16.83	PR7173, R	17.49	13.97
1N1581, R	.95	.69	PR9044, R	30.75	21.52	PR9109, R	27.28	21.84	PR9174, R	19.91	15.95
1N1582, R	1.10	.77	PR9045, R	5.00	4.45	PR9110, R	35.31	28.27	PR9175, R	25.25	20.24
1N1583, R	1.95	1.38	PR9046, R	6.00	5.30	PR9111, R	46.53	37.22	PR9176, R	32.12	25.63
1N1584, R	2.25	1.95	PR9047, R	8.10	7.10	PR9112, R	58.19	46.55	PR9177, R	40.70	32.56
1N1585, R	2.65	2.40	PR9048, R	9.60	8.36	PR9113, R	77.00	61.60	PR9178, R	51.81	41.36
1N1586, R	3.40	3.00	PR9049, R	11.50	9.70	PR9114, R	95.04	76.03	PR9179, R	66.00	52.80
1N1587, R	4.25	3.35	PR9050, R	12.80	10.15	PR9115, R	10.60	8.48	PR9180, R	85.80	68.64
1N2154, R	1.68	1.15	PR9051, R	15.90	12.05	PR9116, R	12.05	9.65	PR9181, R	106.70	79.75
1N2155, R	2.14	1.47	PR9052, R	5.30	4.25	PR9117, R	15.30	12.25	PR9182, R	115.50	92.40
1N2156, R	3.03	2.09	PR9053, R	6.40	5.10	PR9118, R	19.45	15.55	PR9183, R	126.30	101.00
1N2157, R	3.95	3.30	PR9054, R	9.00	7.20	PR9119, R	24.70	19.75	PR9184, R	151.55	133.30
1N2158, R	4.96	3.74	PR9055, R	10.75	8.60	PR9120, R	31.40	25.10	PR9185, R	14.19	11.33
1N2159, R	5.44	3.98	PR9056, R	12.85	11.50	PR9121, R	40.00	32.00	PR9186, R	16.61	13.31
1N2160, R	5.78	4.02	PR9057, R	15.25	12.25	PR9122, R	52.30	41.84	PR9187, R	21.95	17.55
1N3585, R	15.90	12.70	PR9058, R	18.25	14.65	PR9123, R	63.50	51.00	PR9188, R	28.82	23.05
1N3586, R	18.10	14.50	PR9059, R	5.30	4.70	PR9124, R	70.00	56.00	PR9189, R	37.40	29.92
1N3587, R	22.95	18.40	PR9060, R	6.35	5.60	PR9125, R	76.50	61.25	PR9190, R	48.51	38.83
1N3588, R	29.20	23.30	PR9061, R	9.00	7.90	PR9126, R	92.60	74.00	PR9191, R	62.70	50.16
1N3589, R	37.00	29.60	PR9062, R	10.65	9.40	PR9127, R	8.60	6.88	PR9192, R	82.50	66.00
1N3590, R	47.10	37.60	PR9063, R	12.75	10.75	PR9128, R	10.05	8.05	PR9193, R	103.40	82.72
1N3591, R	60.00	48.00	PR9064, R	14.20	11.30	PR9129, R	13.30	10.65	PR9194, R	130.00	104.00
PR9000, R	7.40	5.18	PR9065, R	16.55	13.40	PR9130, R	17.45	13.95	PR9195, R	160.00	128.00
PR9001, R	9.42	6.39	PR9066, R	18.00	14.50	PR9131, R	22.70	18.20			
PR9002, R	11.82	8.27	PR9067, R	20.90	16.80	PR9132, R	29.40	23.50			
PR9003, R	14.73	10.31	PR9068, R	6.00	4.80	PR9133, R	38.00	30.40			

SEE NEXT PAGE FOR O.E.M. PRICING INFORMATION ON OTHER SEMICONDUCTORS

SYLVANIA Semiconductor Prices

Subsidiary of GENERAL TELEPHONE & ELECTRONICS

O.E.M. PRICING FOR SYLVANIA SEMICONDUCTORS (CONTINUED)

RECTIFIERS AND DIODES (MULTIPLE DIODES SEE SEPARATE LISTING)

RECTIFIERS AND DIODES

Sylvania Type	Net Each, Lots of 1-9	10-99	100-999*
1N21C	$ 1.02	$ 0.88	$ 0.81
1N21CR	1.41	1.22	1.12
1N21D	2.45	2.10	1.93
1N21DR	3.68	3.16	2.90
1N21E	4.20	3.60	3.30
1N21ER	6.30	5.40	4.95
1N21F	8.10	6.90	6.35
1N21FR	12.15	10.35	9.50
1N21G	12.60	10.80	9.90
1N21WE	5.25	4.50	4.15
JAN-1N21WE	5.25	4.50	4.15
1N23C	1.02	.88	.81
1N23CR	1.41	1.22	1.12
1N23D	2.45	2.10	1.93
1N23DR	3.68	3.16	2.90
1N23E	4.20	3.60	3.30
1N23ER	6.30	5.40	4.95
1N23F	8.10	6.90	6.35
1N23FR	12.15	10.35	9.50
1N23G	12.60	10.80	9.90
1N23WE	5.25	4.50	4.15
JAN-1N23WE	5.25	4.50	4.15
1N25	3.53	3.03	2.74
JAN1N25	3.53	3.03	2.74
1N25A	8.48	7.28	6.75
1N25AR	12.70	10.90	9.95
1N25B	11.75	10.10	9.20
1N25BR	17.65	15.15	13.80
1N25R	5.30	4.62	4.25
1N26	6.50	5.60	5.10
JAN1N26	6.50	5.60	5.10
1N26A	7.75	6.60	6.05
1N26AR	11.65	10.99	9.15
1N26B	27.25	23.70	21.75
USA1N26B	27.25	23.70	21.75
1N26BR	40.85	35.70	32.65
1N26C	31.15	27.80	25.50
1N26CR	48.20	41.70	38.22
1N26R	9.90	8.50	7.80
1N31	7.05	6.05	5.53
JAN1N31	7.05	6.05	5.53
1N32	11.61	9.95	9.15
JAN1N32	11.61	9.95	9.15
1N32R	16.50	14.15	12.95
1N34A	.30	.30	.23
1N35	1.58	1.58	1.21
1N38A	.49	.49	.38
1N38B	.49	.49	.38
1N53	23.20	19.80	18.25
JAN1N53	23.20	19.80	18.25
1N53A	25.70	22.05	20.60
1N53AR	38.95	33.40	30.60
1N53B	29.65	25.40	23.30
1N53BR	49.30	42.25	38.70
1N53C	46.79	40.25	37.45
1N53CR	70.20	60.75	55.60
1N53D	73.50	63.00	57.80
1N53DR	107.80	93.00	85.25
1N53R	36.30	31.10	28.50
1N54A	.42	.42	.32
1N55A	.40	.40	.31
1N58A	.55	.55	.41
1N60	.30	.30	.23
1N63	.36	.36	.28
1N65	.48	.48	.35
1N67A	.28	.28	.21
1N68A	.28	.28	.21
1N69A	.30	.30	.23
1N70A	.48	.48	.38
1N78B	10.00	8.60	7.85
JAN1N78B	10.00	8.60	7.85
1N78BR	15.00	12.90	11.80
1N78C	33.00	28.30	25.90
JAN1N78C	33.00	28.30	25.90
1N78CR	49.50	42.50	38.95
JAN-1N78CR	49.50	42.50	38.95
1N78D	41.00	35.20	32.20
1N78DR	61.50	52.75	48.50
1N81A	.48	.48	.36
1N82	.70	.70	.55
1N82A	.91	.91	.71
USA1N82A	.91	.91	.71
1N90	.33	.33	.22
1N115	.64	.64	.50
1N116	.49	.49	.36
1N119	.51	.51	.40
1N120	.46	.46	.36
1N126	.30	.30	.24
1N126A	.30	.30	.24
1N127	.42	.42	.28
1N127A	.42	.42	.28
1N128	.32	.32	.25
1N149	3.10	2.75	2.52

Sylvania Type	Net Each, Lots of 1-9	10-99	100-999*
1N149R	$ 4.60	$ 3.95	$ 3.62
1N191	.35	.35	.28
1N192	.34	.34	.26
1N198	.35	.35	.28
1N198A	.35	.35	.28
1N198B	1.03	1.03	.78
1N251	.65	.65	.43
JAN1N251	.72	.72	.48
1N252	.65	.65	.43
1N286	41.05	35.20	32.70
1N286A	55.15	47.25	43.25
1N294	.34	.34	.26
1N295	.35	.35	.27
1N297	.34	.34	.26
1N298	.45	.45	.30
1N358	17.85	15.30	14.00
1N358A	19.25	16.50	15.15
1N358AR	28.90	24.80	22.70
1N358R	26.80	23.00	21.10
1N369	27.35	23.50	21.50
1N369A	31.85	27.30	25.48
1N369AR	47.80	41.00	38.22
1N369R	41.00	35.25	32.25
1N415C	1.02	.88	.81
1N415D	2.45	2.10	1.93
1N415E	4.20	3.60	3.30
1N415F	8.10	6.90	6.35
1N415G	12.60	10.80	9.90
1N416C	1.02	.88	.81
1N416D	2.45	2.10	1.93
1N416E	4.20	3.60	3.30
1N416F	8.10	6.90	6.35
1N416G	12.60	10.80	9.90
1N446	36.60	31.40	28.75
1N446R	55.00	47.10	43.30
1N456	.36	.36	.28
1N456A	.36	.36	.28
1N457	.36	.36	.30
JAN1N457	.36	.36	.30
1N457A	.36	.36	.30
1N458	.48	.48	.32
JAN1N458	.48	.48	.32
1N458A	.48	.48	.32
1N459	.51	.51	.34
JAN1N459	.51	.51	.34
1N459A	.51	.51	.34
1N461	.35	.35	.28
1N461A	.35	.35	.28
1N462	.38	.38	.28
1N462A	.38	.38	.28
1N463	.46	.46	.36
1N463A	.46	.46	.36
1N464	.45	.45	.35
1N464A	.45	.45	.35
1N482	.58	.58	.44
1N482A	.59	.59	.46
1N482B	.59	.59	.46
1N483	.61	.61	.47
1N483A	.61	.61	.47
1N483B	.61	.61	.47
1N484	.61	.61	.47
1N484A	.61	.61	.47
1N484B	.61	.61	.47
1N485	.77	.77	.60
1N485A	.77	.77	.60
1N485B	.77	.77	.60
1N486	.85	.85	.60
1N486A	.85	.85	.60
1N486B	.85	.85	.60
1N487	.90	.90	.70
1N487A	1.20	1.20	.94
1N488	1.05	1.05	.78
1N488A	1.54	1.54	1.19
1N625	.43	.43	.29
1N626	.43	.43	.30
1N627	.60	.60	.39
1N628	.72	.72	.47
1N629	.74	.74	.54
1N630	35.70	30.60	28.00
1N630R	53.50	45.80	42.00
1N632	.72	.72	.54
1N636	.37	.37	.26
1N643A	1.60	1.60	1.12
1N658	1.76	1.76	1.20
USA1N658	1.76	1.76	1.20
1N659	.58	.58	.39
1N662	.92	.92	.44
JAN1N662	.92	.92	.44
1N663	1.35	1.35	1.05
JAN1N663	1.35	1.35	1.05
1N805	.29	.29	.20
1N816	.45	.45	.35
USN-1N816W	.45	.45	.35
1N830	2.95	2.53	2.35
1N830A	3.85	3.30	3.00

Sylvania Type	Net Each, Lots of 1-9	10-99	100-999*
USN-1N830A	$ 3.85	$ 3.30	$ 3.00
1N831	6.85	5.87	5.40
1N831A	12.55	10.75	9.80
1N832	8.60	7.38	6.75
1N832A	10.90	9.35	8.60
1N833	4.65	4.00	3.65
1N833A	13.95	11.95	10.95
1N903	1.02	1.02	.68
1N903A	1.02	1.02	.68
1N904	.99	.99	.66
1N904A	1.14	1.14	.76
1N905	1.14	1.14	.76
1N905A	1.55	1.55	1.09
1N906	.90	.90	.60
1N906A	1.13	1.13	.75
1N907	.89	.89	.59
1N908	.87	.87	.58
1N908A	1.02	1.02	.68
1N914	.45	.45	.30
JAN1N914	.45	.45	.30
1N914A	.50	.50	.33
1N914B	1.35	1.35	.90
1N916	.75	.75	.50
1N916A	.75	.75	.50
1N916B	.92	.92	.61
1N918	17.65	15.15	13.85
1N933	1.12	1.12	.85
1N1132	33.50	29.00	26.50
1N1132R	55.00	47.00	44.50
1N1610	32.90	28.30	25.90
1N1610R	49.40	42.30	38.80
1N1611	4.30	3.68	3.40
1N1611A	9.15	7.85	7.35
1N1611AR	12.80	11.00	10.50
1N1611B	18.00	15.45	14.15
1N1611R	6.45	5.55	5.15
1N2069	.50	.50	.33
1N2069A	.53	.53	.36
1N2070	.68	.68	.38
1N2070A	.72	.72	.45
1N2071	.87	.87	.48
1N2071A	.92	.92	.50
1N2102	13.35	11.45	10.40
1N2482	.50	.50	.30
1N2483	.55	.55	.38
1N2484	.68	.68	.45
1N2510	18.20	15.60	14.30
1N2510R	21.50	18.45	16.90
1N2926	17.15	14.75	13.50
1N2926A	23.30	20.00	18.30
1N3064	.67	.67	.44
USN1N3064	.67	.67	.44
1N3143	5.60	4.70	4.40
1N3205	51.45	44.10	40.40
1N3205R	77.20	66.20	60.60
1N3604	.80	.80	.56
1N3605	.72	.72	.48
1N3655	8.00	6.85	6.33
1N3655A	19.10	16.40	15.00
1N3655B	25.00	21.50	19.60
1N3731	.85	.85	.68
1N3745	6.60	5.65	5.20
1N3746	13.80	11.85	10.85
1N3747	19.75	16.95	15.50
USAF-1N3747	19.75	16.95	15.50
1N3778	6.70	5.75	5.25
D4072	8.25	7.08	6.50
D4072A	18.50	15.80	14.60
D4074	196.00	168.00	154.00
D4074A	325.00	279.00	255.00
D4081	25.70	22.00	20.55
D4081A	49.00	42.30	39.20
D4081AR	74.00	64.10	59.20
D4081R	39.65	33.80	31.70
D4082	5.50	4.72	4.32
D4082B	10.00	8.60	7.85
D4082BR	15.00	12.90	11.80
D4082R	8.25	7.10	6.50
D4084	10.00	8.55	7.90
D4084A	13.75	11.75	10.75
D4084B	23.00	20.00	18.50
D4089	21.65	18.80	17.35
D4089R	32.60	28.00	25.60
D4136	34.30	29.40	26.95
D4136R	58.85	50.55	46.40
D4160	11.20	9.60	8.80
D4175	6.50	5.60	5.10
D4175A	7.90	6.75	6.20
D4180C	3.67	3.14	2.88
D4180E	17.90	15.35	14.10
D4181C	5.90	4.80	4.40
D4181CR	6.30	5.40	4.95
D4181D	19.00	16.30	14.90
D4181DR	28.40	24.40	22.40

Sylvania Type	Net Each, Lots of 1-9	10-99	100-999*
D4181E	$25.00	$21.40	$19.70
D4181ER	37.50	32.20	29.50
D4186C	1.17	1.01	.93
D4186D	3.92	3.42	3.10
D4186E	5.15	4.42	4.00
D4186F	13.69	11.75	10.75
D4187C	1.15	1.01	.92
D4187D	3.90	3.36	3.10
D4187E	5.10	4.38	4.00
D4187F	13.70	11.80	10.75
D4188C	1.35	1.16	1.06
D4188D	4.33	3.71	3.44
D4188E	6.50	5.55	5.10
D4188F	20.50	17.60	16.10
D4189C	1.30	1.12	1.02
D4189D	4.37	3.75	3.44
D4189E	6.50	5.60	5.10
D4189F	16.90	14.50	13.28
D4194	38.00	33.00	30.00
D4194A	89.00	76.00	70.00
D4195	45.00	39.00	35.50
D4195A	98.00	84.00	77.00
D4196	100.00	86.00	79.00
D4196A	280.00	240.00	220.00
D4960	35.00	30.00	28.00
D4960A	56.00	48.00	44.00
D4960B	106.00	91.00	83.00
D4960C	148.00	127.00	116.00
D4961	25.00	21.40	19.65
D4961A	40.00	34.20	31.50
D4961B	75.00	64.00	59.00
D4961C	110.00	94.00	86.50
D4962	20.00	17.15	15.70
D4962A	30.00	25.30	23.60
D4962B	50.00	43.00	39.20
D4962C	85.00	73.00	67.00
D4970	*	*	*
D4970A	*	*	*
D4970B	*	*	*
D4970C	*	*	*
D4971	25.00	21.40	19.65
D4971A	40.00	34.20	31.50
D4971B	75.00	64.00	59.00
D4971C	110.00	94.00	86.50
D4972	20.00	17.15	15.70
D4972A	30.00	25.30	23.60
D4972B	50.00	43.00	39.20
D4972C	85.00	73.00	67.00
D5020	35.00	30.00	27.50
D5020A	35.00	30.00	27.50
D5020B	35.00	30.00	27.50
D5030	17.00	12.50	8.75
D5030A	17.00	12.50	8.75
D5030B	17.00	12.50	8.75
D5060	42.00	36.00	33.00
D5060A	67.00	58.00	53.00
D5060B	128.00	110.00	100.00
D5060C	178.00	152.00	140.00
D5061	30.00	26.00	23.60
D5061A	48.00	41.00	38.00
D5061B	90.00	77.00	71.00
D5061C	130.00	111.00	102.00
D5062	24.00	20.60	18.85
D5062A	36.00	31.00	28.00
D5062B	60.00	52.00	47.00
D5062C	100.00	86.00	79.00
D5070	*	*	*
D5070A	*	*	*
D5070B	*	*	*
D5070C	*	*	*
D5071	30.00	26.00	23.60
D5071A	48.00	41.00	38.00
D5071B	90.00	77.00	71.00
D5071C	130.00	111.00	102.00
D5072	24.00	20.60	18.85
D5072A	36.00	31.00	28.00
D5072B	60.00	52.00	47.00
D5072C	100.00	86.00	79.00
D5090	4.20	3.60	3.30
D5091	9.00	7.70	7.07
D5092	12.90	11.00	10.10
D5093	10.40	8.90	8.15
D5093A	15.85	13.60	12.50
D5151	23.00	19.80	18.20
D5151A	33.00	28.20	26.00
D5167	29.00	25.00	23.00
D5221C	9.00	7.70	7.10
D5221E	16.00	13.70	12.60
D5223C	11.00	9.45	8.65
D5233	15.00	12.90	11.80
SR200B	.65	.65	.42
SR500B	.68	.68	.45
SR1692	.45	.45	.30
SR1693	.50	.50	.33
SR1694	.59	.59	.39
SR1695	.48	.48	.45

*For prices on quantities of 1,000 or over, write or call for information. *Price on request.

SEE NEXT PAGE FOR O.E.M. PRICING INFORMATION ON OTHER SEMICONDUCTORS

SYLVANIA Semiconductor Prices

Subsidiary of GENERAL TELEPHONE & ELECTRONICS

O.E.M. PRICING FOR SYLVANIA SEMICONDUCTORS (CONTINUED)

MULTIPLE DIODES

Sylvania Type	Net Each, Lots of 1-9	10-99	Sylvania Type	Net Each, Lots of 1-9	10-99	Sylvania Type	Net Each, Lots of 1-9	10-99
M0101/SID2B-1	$ 2.84	$ 2.50	M0120/SID4C-3	$12.00	$ 7.50	M0062/SID4B-4	$ 6.80	$6.00
M0102/SID3B-1	4.25	3.75	M0127/SID2E-2	3.40	3.00	M0063/SID4E-3	6.25	5.50
M0103/SID4B-2	5.70	5.00	M0128/SID4E-4	6.80	6.00	M0082/SID4B-8	5.10	4.50
M0104/SID2B-2	4.25	3.75	M0129/SID5E-2	8.50	7.50	M0083/SID4A-10	4.95	4.35
M0105/SID3B-2	6.30	5.60	M0130/SID5E-3	8.50	7.50	M0090/SID4E-7	10.50	9.40
M0106/SID4B-3	8.50	7.50	M0010/SID4A-2	6.80	6.00	M0092/SID4A-5	7.60	4.50
M0107/SID2B-3	3.40	3.00	M0011/SID4A-3	8.50	7.50	M0094/SID4D-1	7.50	7.00
M0108/SID3B-3	5.10	4.50	M0012/SID4A-4	9.10	8.00	M0001/SID2A-1	3.40	3.00
M0109/SID4B-5	6.80	6.00	M0027/SID2E-1	4.50	3.60	M0002/SID3A-1	5.00	4.50
M0110/SID8A-1	12.50	11.00	M0045/SID2A-6	9.10	8.00	M0003/SID2A-2	4.25	3.75
M0111/SID8B-1	12.50	11.00	M0046/SID3A-6	9.40	8.25	M0004/SID3A-2	6.30	5.60
M0112/SID4A-6	10.20	9.10	M0047/SID4A-8	12.50	11.00	M0005/SID2A-3	4.55	4.00
M0113/SID5A-1	12.70	11.40	M0058/SID4E-2	9.30	7.60	M0006/SID3A-3	6.80	6.00
M0114/SID4B-6	10.20	9.10	M0059/SID4A-9	6.25	5.50	M0007/SID2A-4	2.84	2.50
M0115/SID5B-1	12.70	11.40	M0060/SID4A-7	10.20	9.10	M0008/SID3A-4	4.25	3.75
M0119/SID4C-2	11.00	6.90	M0061/SID4C-1	10.00	8.00	M0009/SID4A-1	5.70	5.00

VARACTORS

Sylv. Type	Net Each, Lots of 1-9	10-99	100-999	Sylv. Type	Net Each, Lots of 1-9	10-99	100-999	Sylv. Type	Net Each, Lots of 1-9	10-99	100-999	Sylv. Type	Net Each, Lots of 1-9	10-99	100-999
D5046	$ 90.00	$ 77.00	$ 71.00	D5047	$ 90.00	$ 77.00	$ 71.00	D5047C	$290.00	$245.00	$228.00	D5146A	$210.00	$180.00	$165.00
D5046A	150.00	129.00	118.00	D5047A	150.00	129.00	118.00	D5047D	380.00	326.00	290.00	D5146B	285.00	245.00	224.00
D5046B	240.00	206.00	189.00	D5047B	210.00	180.00	165.00	D5146	150.00	129.00	118.00				

TRANSISTORS

Sylvania Type	Net Each, Lots 1-99	100-999	Sylvania Type	Net Each, Lots 1-99	100-999	Sylvania Type	Net Each, Lots 1-99	100-999	Sylvania Type	Net Each, Lots 1-99	100-999
2N35	$ 0.91	$ 0.61	2N741	$ 2.15	$ 1.45	2N1044-2	$ 8.55	$ 5.70	2N2368	$ 2.31	$ 1.54
2N94	1.08	.72	2N741A	3.30	2.20	2N1045	11.45	7.65	2N2369	2.40	1.60
2N94A	1.41	.94	2N743	6.20	4.15	2N1045-1	11.40	7.60	2N2410	9.00	6.00
2N102/13	9.00	6.00	2N743/46	7.35	4.90	2N1045-2	11.25	7.50	2N2453	30.00	20.00
2N144/13	20.25	13.50	2N744	2.90	1.95	2N1058	1.75	1.17	2N2455	3.75	2.50
2N193	.99	.67	2N744/46	6.00	4.00	2N1059	1.00	.67	2N2475	5.25	3.50
2N194	.99	.67	2N753	1.47	.98	2N1059-3	1.09	.72	2N2481	3.90	2.60
2N194A	1.17	.78	2N753/46	1.56	1.04	2N1101	.58	.39	2N2552	3.00	2.00
2N212	1.50	1.00	2N760A	2.70	1.80	2N1101-1	.66	.44	2N2553	3.90	2.60
2N213	.91	.61	2N782	2.40	1.60	2N1102	.64	.43	2N2554	5.85	3.90
2N213A	1.59	1.05	2N784A	9.00	6.00	2N1102-1	.73	.49	2N2555	7.65	5.10
2N214	1.15	.77	2N834	4.50	3.00	2N1131	5.04	3.36	2N2556	3.05	2.00
2N214-1, -2	1.24	.83	2N834/46	5.25	3.50	2N1131A	7.80	5.20	2N2557	3.95	2.65
2N216	1.75	1.17	2N835	1.50	1.00	2N1132	5.60	3.75	2N2558	5.90	3.95
2N228	1.59	1.05	2N835/46	5.70	3.80	2N1132A	6.00	4.00	2N2559	7.75	5.15
2N229	.50	.33	2N914	2.48	1.65	2N1132B	9.00	6.00	2N2560	4.45	2.95
2N233	.50	.33	2N914/51	7.25	4.85	2N1132B/51	21.00	14.00	2N2561	5.80	3.85
2N233A	1.13	.76	2N917	6.00	4.00	2N1141	4.83	3.22	2N2562	8.70	5.80
2N306	.67	.45	2N918	5.25	3.50	2N1142	4.20	2.80	2N2563	11.40	7.60
2N326	25.50	17.00	2N918/51	31.50	21.00	USN2N1142	4.61	3.08	2N2564	4.30	2.85
2N501/18	3.52	2.35	2N929	4.20	2.80	2N1143	3.50	2.33	2N2565	5.65	3.75
2N507	1.50	1.10	2N930	4.65	3.10	2N1218	9.75	6.50	2N2566	8.55	5.70
2N515	1.42	.94	2N960	.96	.64	2N1251	.75	.50	2N2567	11.25	7.50
2N516	1.50	1.00	2N961	.91	.61	2N1292	10.05	6.70	2N2630	3.25	2.15
2N517	1.67	1.11	2N962	.85	.57	2N1294	19.50	13.00	2N2635	.94	.63
2N647/22	1.16	.77	USN2N962	.93	.62	2N1296	35.25	23.50	2N2719	1.80	1.20
2N649/22	.86	.57	2N963	.83	.55	2N1321	10.10	6.75	2N2784	4.15	3.60
2N700/18	7.35	4.90	2N964	.99	.66	2N1323	19.50	13.00	2N2784/46	6.25	4.15
2N703	6.75	4.50	USN2N964	1.65	1.10	2N1325	35.25	23.50	2N2784/51	8.50	7.20
2N705	1.04	.69	2N964A	5.25	3.50	2N1431	1.25	.83	2N2800	6.75	4.50
JAN2N705	1.14	.76	2N965	.94	.63	2N1613	2.89	1.93	2N2801	7.10	4.75
USN2N705	1.14	.76	2N966	.89	.59	2N1646	6.00	4.00	2N2831	2.10	1.40
2N705A	2.62	1.75	2N967	.87	.58	2N1853/18	1.32	.88	2N2860	2.25	1.50
2N706	.81	.54	2N968	.90	.60	2N1958	3.95	2.65	2N2906	6.48	4.32
JAN2N706	.91	.61	2N985	2.83	1.89	2N1958A	6.00	4.00	2N2907	7.83	5.22
2N706/46	1.50	.99	2N1038	2.80	1.90	2N1959	4.45	2.95	2N2927	12.40	8.25
2N706/51	3.30	2.20	2N1038-1	3.00	2.00	2N1959A	6.60	4.40	2N3081	22.50	15.00
2N706A	.85	.57	2N1038-2	3.05	2.05	2N1959A/51	20.00	12.50	2N3133	4.95	3.30
2N706A/46	1.80	1.20	2N1039	3.75	2.50	2N1962	9.00	6.00	2N3135	4.95	3.30
2N706A/51	3.60	2.50	2N1039-1	3.90	2.60	2N1963	10.00	6.70	2N3136	5.85	3.90
2N706B	1.32	.88	2N1039-2	3.95	2.65	2N1964	6.37	4.25	2N3633	11.00	7.25
2N706B/46	1.65	1.10	2N1040	5.70	3.80	2N1965	10.00	6.65	SYL792	3.25	2.50
2N706B/51	10.05	6.70	2N1040-1	5.85	3.90	2N1990	2.25	1.50	SYL832	2.48	1.65
2N708	.97	.65	2N1040-2	5.90	3.95	2N2205	1.24	.83	SYL1265	1.25	.83
2N708/46	1.87	1.25	2N1041	7.50	5.00	2N2217	3.37	2.25	SYL1279	1.34	.89
2N708/51	4.50	3.00	JAN2N1041	8.25	5.50	2N2218	3.97	2.65	SYL1279-1	1.42	.94
2N709	2.48	1.65	2N1041-1	7.65	5.10	USA2N2218	7.50	5.00	SYL1458	1.67	1.11
2N709/46	2.95	1.95	2N1041-2	7.75	5.15	2N2219	3.55	2.37	SYL1583	.50	.33
2N709/51	7.50	5.00	2N1042	4.50	3.00	USA2N2219	9.00	6.00	SYL1951	1.17	.78
2N709A	4.87	3.25	2N1042-1	4.45	2.95	2N2219/51	30.00	20.00	SYL2516	1.09	.72
2N709A/46	5.85	3.90	2N1042-2	4.30	2.85	2N2220	9.00	6.00	SYL2853	1.15	.90
2N710	1.34	.89	2N1043	5.85	3.90	2N2221	3.60	2.40	SYL2860	1.65	1.10
2N711	.89	.59	2N1043-1	5.80	3.85	USA2N2221	7.50	5.00	SYL4323	1.65	1.10
2N711A	.89	.59	2N1043-2	5.65	3.75	2N2297	13.25	9.50			
2N711B	.94	.63	2N1044	8.80	5.85	2N2303	6.60	4.40			
2N722	5.60	3.75	2N1044-1	8.70	5.80	2N2354	.92	.61			

GERMANIUM SOLID STRUCTURE DIODES

Sylvania Type	Net Each, Lots of 1-9	10-99	100-999	Sylvania Type	Net Each, Lots of 1-9	10-99	100-999	Sylvania Type	Net Each, Lots of 1-9	10-99	100-999	Sylvania Type	Net Each, Lots of 1-9	10-99	100-999
D5360	$10.50	$ 9.00	$ 8.25	D5560	$10.50	$ 9.00	$ 8.25	D5564	$ 9.00	$ 7.70	$ 7.10	D5572	$ 9.75	$ 8.35	$ 7.65
D5360A	40.00	34.25	31.50	D5560A	40.00	34.25	31.50	D5564A	30.00	25.75	23.60	D5572A	35.00	30.00	27.50
D5361	10.50	9.00	8.25	D5560B	85.00	73.00	67.00	D5564B	60.00	51.50	47.00	D5572B	75.00	64.30	59.00
D5361A	40.00	34.25	31.50	D5561	10.50	9.00	8.25	D5565	9.00	7.70	7.10	D5573	9.75	8.35	7.65
D5362	9.75	8.35	7.65	D5561A	40.00	34.25	31.50	D5565A	30.00	25.75	23.60	D5573A	35.00	30.00	27.50
D5362A	35.00	30.00	27.50	D5561B	85.00	73.00	67.00	D5565B	60.00	51.50	47.00	D5573B	75.00	64.30	59.00
D5363	9.75	8.35	7.65	D5562	9.75	8.35	7.65	D5570	10.50	9.00	8.25	D5574	9.00	7.70	7.10
D5363A	35.00	30.00	27.50	D5562A	35.00	30.00	27.50	D5570A	40.00	34.25	31.50	D5574A	30.00	25.75	23.60
D5364	9.00	7.70	7.10	D5562B	75.00	64.30	59.00	D5570B	85.00	73.00	67.00	D5574B	60.00	51.50	47.00
D5364A	30.00	25.75	23.60	D5563	9.75	8.35	7.65	D5571	10.50	9.00	8.25	D5575	9.00	7.70	7.10
D5365	9.00	7.70	7.10	D5563A	35.00	30.00	27.50	D5571A	40.00	34.25	31.50	D5575A	30.00	25.75	23.60
D5365A	30.00	25.75	23.60	D5563B	75.00	64.30	59.00	D5571B	85.00	73.00	67.00	D5575B	60.00	51.50	47.00