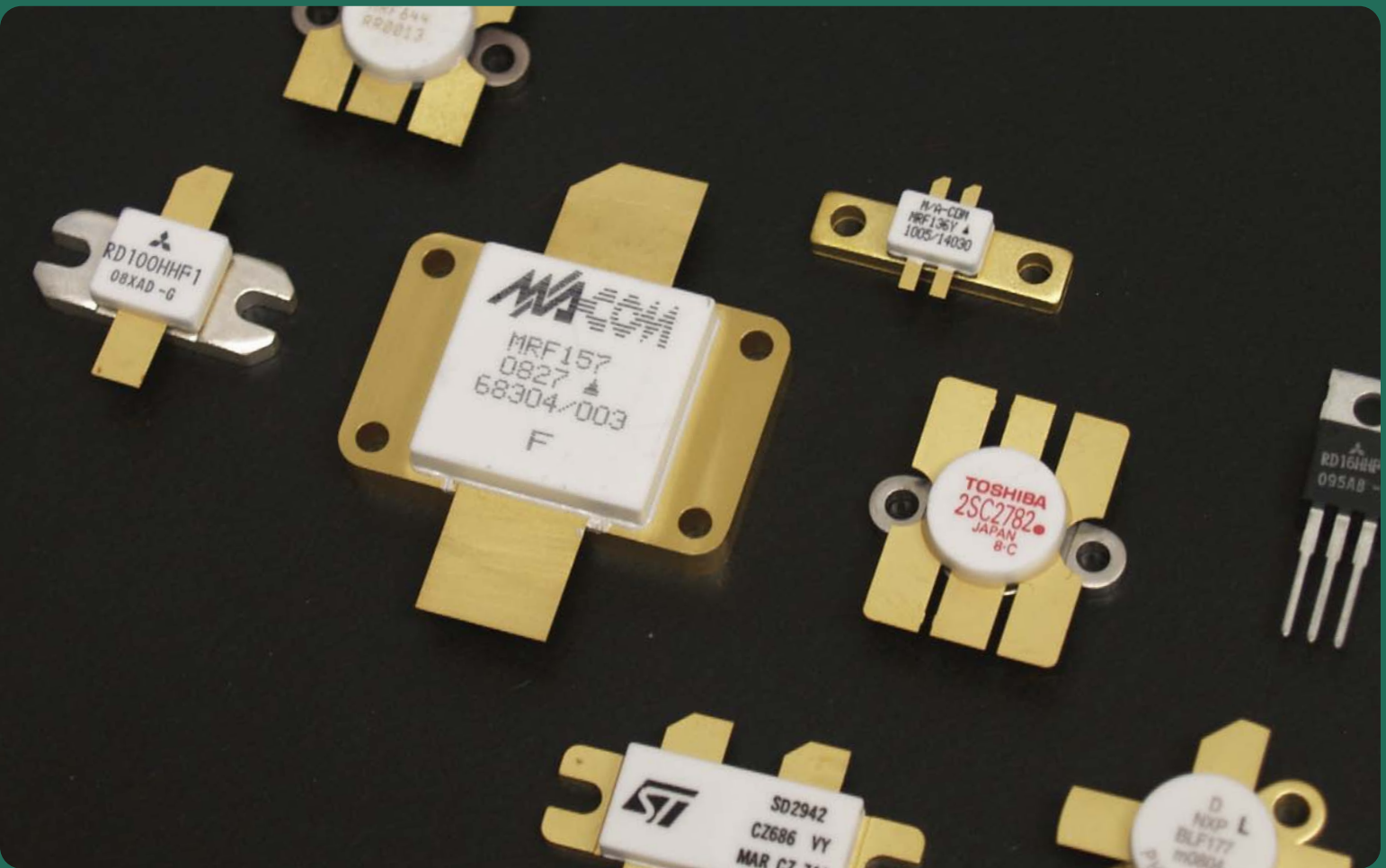


# TRANSISTORS & INTEGRATED CIRCUITS



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## ST Micro Electronics Beta Cross Reference



J	70-80	L	90-100	N	110-120
K	80-90	M	100-110	O	120-150

## Motorola Beta Coding

MOTOROLA uses two methods to designate d.c. current gain (Beta) of popular RF Power Transistors; "COLOR DOT" and "LETTER CODE".

(Note: Some transistors may not carry the Beta test code.)

Letter Code	Color Dot	Lo Beta Range	Letter Code	Color Dot	Med. Beta Range	Letter Code	Color Dot	Hi Beta Range
B	Brown	15-23	F	Green	48-63	I	Blk-Blk	87-108
C	Red	20-32	G	Blue	57-78	J	Brn-Brn	100-125
D	Orange	28-42	H	Violet	72-93	K	Red-Red	115-140
E	Yellow	38-52				L	Org-Org	130-155

Generally speaking, RF power gain (Pg) and Maximum Saturated Power Output (Po) will be higher with "High Beta" parts, however, amplifiers will tend to be less "rugged" and may require additional stabilization.

## Transistor Matching

When an amplifier stage has two or more transistors, it is best to have all devices of the same gain and output to better equalize power sharing and d.c. current in each device. Other companies only offer matching of "Beta Codes"—hardly what matching is really about.

RF PARTS COMPANY has developed a testing program to provide the service technician with PREMIUM MATCHED RF POWER TRANSISTORS, having the best quality and performance: First, we select transistors with the same "Lot Number" and "d.c. Beta". (This is where others stop and call the transistors "matched".) Next, we test each transistor's B-E, B-C, and C-E junctions with a curve tracer to separate out those with "undesirable" junction characteristics. Only transistors with low Collector-Base leakage (Icbo) are accepted for further testing. Finally, these "PREMIUM" selected parts are placed in our RF Test Fixture, one at a time. The test measurement is noted on each part. Our transistor Power Gain test is measured at about 50-60% of maximum peak power rating. (Note: Different drive power levels are used for the various transistors, and test numbers only apply for the particular part number under test.)

We select the best parts for matched sets of 2, 4, 8, 16, etc. The number on the outside of the envelope is the Power Measurement of each transistor as discussed above. Use of our selected parts will help assure top performance and reliability in multi-transistor power amplifiers.

Examples of popular transistors selected for these tests are: MRF150, MRF422, MRF448, MRF454, MRF455, MRF492, SRF3662, SRF3749, SRF3775, 2SC2290, 2SC2879, 2SC2904, 2SC3133, SD1407, SD1446, SD1460, etc.

**Only RF PARTS offers  
PREMIUM SELECTED TRANSISTORS.**

## MOTO COMMUNICATIONS - Stocked Transistors

M11L07	M48B32	M9426	M9588*	M9652*	M9755
M11L08	M6702	M9428	M9591	M9653	M9755*
M11L29	M6708	M9440	M9591*	M9657*	M9780*
M11L52	M6709	M9443	M9592	M9662	M9756
M11L55	M9027	M9447	M9594	M9663	M9806*
M11L90	M9108	M9456	M9614	M9665*	M9822*
M1102*	M9130	M9466	M9618	M9669*	M9836
M1104	M9135	M9467	M9619	M9675*	M9850
M1104*	M9144	M9476	M9622	M9676	M9850*
M1106*	M9164	M9491	M9622*	M9676*	M9851
M1107	M9199	M9494	M9623	M9677	M9851*
M1113*	M9225	M9528	M9623*	M9687	M9857
M1133*	M9227	M9531*	M9624	M9687*	M9859*
M1134*	M9244	M9534	M9624*	M9699	M9860*
M2215	M9302*	M9539	M9625	M9701	M9866*
M2517	M9311	M9543	M9625*	M9703*	M9867*
M2527	M9316*	M9565	M9626	M9706	M9874*
M2528	M9320	M9567	M9628*	M9715	M9875
M2529	M9325	M9568	M9630*	M9718*	M9888*
M2530	M9326	M9570	M9631*	M9719*	M9995*
M25C22*	M9327	M9571	M9639*	M9720*	PK704/M9741
M25C24	M9328	M9572	M9641	M9728*	PK705/M9755
M4017*	M9334	M9574	M9642	M9730	MK817/M9888
M4051*	M9348	M9576	M9643	M9739	RF208
M4056*	M9357	M9580*	M9649	M9739*	
M4061*	M9390	M9583*	M9651	M9740*	
M4331	M9411	M9585	M9651*	M9741	
M4438/MN61	M9425	M9587*	M9652	M9741*	

\* Substitute part

## White Thermal Transistor Grease

The Material Safety Data Sheet for this Grease can be viewed on our website at [www.rfparts.com](http://www.rfparts.com).



Package	Size	Part #	Price
Small Tube	6.5 grms	Grease	\$ 2.50 ea
Can (mfg:Thermalloy)	1 lb.	Therm251	19.95 ea

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on most semiconductors and modules.**

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**800-737-2787**

**steve@rfparts.com**



## Popular Japanese Transistors


Part #	Net	Part #	Net	Part #	Net	Part #	Net	Part #	Net	Part #	Net	Part #	Net
<b>2SA</b>		2SA1475	1.10	2SC710	2.25	2SC1605A	Call	2SC2055	2.25	<b>2SC2290A MP</b>	<b>Call</b>	2SC2540	29.95
2SA473	2.75	2SA1491	3.93	2SC730	5.55	2SC1623	.85	2SC2056	8.85	<b>2SC2290B</b>	<b>Call</b>	2SC2555	2.30
2SA562	.45	2SA1492	4.90	2SC731	8.93	2SC1674L	1.25	2SC2058	.85	2SC2307	5.20	2SC2558	24.70
2SA564Q	.60	2SA1494	8.90	2SC741	5.90	2SC1675K	1.50	2SC2068	1.13	2SC2312C	Call	2SC2559	Call
2SA564R	.60	2SA1667-Y	3.30	2SC763	.75	2SC1678	2.73	2SC2075	7.95	2SC2312 MP	Call	2SC2570	1.95
2SA608	.45	2SA1869	2.25	2SC776/ECG195A	8.95	2SC1729	19.95	2SC2076	1.20	2SC2314E	1.75	2SC2579	3.73
2SA683	.75			2SC784R	.50	2SC1756	.80	2SC2078	7.35	2SC2329	8.35	2SC2591	1.30
2SA695	.75	<b>2SB</b>		2SC789	1.75	2SC1815	.50	2SC2081	16.90	2SC2330-0	1.95	2SC2603	.95
2SA719	.45	2SB435	1.75	2SC790	1.15	2SC1826	1.20	2SC2086D	1.20	2SC2347	.90	2SC2627	15.20
2SA733	.75	2SB496Q	3.20	2SC799	5.33	2SC1844	.99	2SC2091	.90	2SC2353	2.60	2SC2628	29.95
2SA738	1.20	2SB510	1.95	2SC900	.80	2SC1923	.50	2SC2094	14.95	2SC2379	37.95	2SC2629	29.95
2SA798	.85	2SB511	1.35	2SC908	6.95	2SC1944	5.90	2SC2097-H	Call	2SC2381	49.95	2SC2630	37.95
2SA904	.93	2SB525-D	1.93	2SC923	1.90	2SC1945-MP	Call	2SC2101	25.00	2SC2383	1.85	2SC2638	28.30
2SA923	Call	2SB560	.75	2SC941	.75	2SC1946	24.95	2SC2102	Call	2SC2395	Call	2SC2640	24.90
2SA934	.65	2SB564	.75	2SC945A	.65	2SC1946A	29.95	2SC2103A	35.95	2SC2395 MP	Call	2SC2641	21.20
2SA965A	.65	2SB596	3.25	2SC998	9.40	2SC1947	8.95	2SC2120	.70	2SC2407	2.00	2SC2642	39.90
2SA966	.95	2SB624	1.25	2SC1000GR	1.25	2SC1955	9.90	2SC2131	5.70	2SC2458Y	.50	2SC2643	33.95
2SA968-Y	1.95	2SB633	1.45	2SC1011	2.95	2SC1957	2.95	2SC2132A	39.95	2SC2494	27.95	2SC2644	1.20
2SA983K	1.70	2SB649	1.15	2SC1012	3.95	2SC1964A	21.90	2SC2133	109.95	2SC2495	Call	2SC2668 O/Y	1.23
2SA984	.60	2SB698	.75	2SC1030	3.50	2SC1966	15.85	2SC2163	42.30	2SC2509	29.50	2SC2673	.65
2SA985	1.40	2SB707	3.40	2SC1034	14.65	2SC1967	23.75	2SC2166C	3.95	2SC2509 MP	48.00	2SC2694	Call
2SA999	.90	2SB754	8.95	2SC1047	.50	2SC1968A	19.95	2SC2166 -MP	12.70	2SC2510A	Call	2SC2695	39.95
2SA1012	1.25	2SB775	2.90	2SC1061	1.95			2SC2181	41.65	2SC2510A MP	Call	2SC2705	1.10
2SA1013	.75	2SB810	.65	2SC1096	1.25			2SC2199	9.95	2SC2528	4.60	2SC2712	.75
2SA1015	.50	2SB817	9.95	2SC1122A	19.93			2SC2221	8.25	2SC2538	1.95	2SC2714Y	1.25
2SA1048 GR	.45	2SB822	1.55	2SC1165	2.95			2SC2230	1.25	2SC2539	17.95	2SC2724	.85
2SA1102	3.75	2SB827	7.95	2SC1172	2.45			2SC2230-AY	1.25				
2SA1115Y	.50	2SB909M	.75	2SC1172B	4.95			2SC2230-GR	1.25				
2SA1115-11-E	.40	2SB951	1.75	2SC1173	2.55			2SC2230-Y	1.25				
2SA1121	.50	2SB1019	2.95	2SC1213	.50			2SC2233	2.60				
2SA1152	.75	2SB1135	3.95	2SC1306 @	Call			2SC2235	.80				
2SA1154	.80	2SB1143	1.25	2SC1307 @	Call			2SC2236	1.95				
2SA1179 M6	1.25	2SB1163	6.45	2SC1308K	3.75	2SC1970	2.75	2SC2237	11.30				
2SA1207-T	.65	2SB1302-S	6.95	2SC1316	9.50	2SC1971	Call	2SC2238-Y	1.65				
2SA1215	7.50			2SC1345	.55	2SC1971MP	Call	2SC2245	7.80				
2SA1244	2.50	<b>2SC</b>		2SC1359	.50	2SC1972	Call	2SC2258	1.55				
2SA1282	1.75	2SC385	1.95	2SC1383	.65	2SC1972 MP	Call	2SC2274	.55				
2SA1286	1.25	2SC451	3.30	2SC1419	Call	2SC1973	2.50	2SC2281	27.20				
2SA1301-0	3.93	2SC458	.85	2SC1424	4.45	2SC1975Q	4.23	2SC2283K	13.90				
2SA1302-0	Call	2SC460	.85	2SC1445	7.40	2SC1986	2.95	2SC2289	17.95				
2SA1348	.65	2SC495	.85	2SC1449	1.40	2SC2026	1.25	<b>2SC2290</b>	<b>use 2SC2290A</b>				
2SA1356Y	1.25	2SC508	4.85	2SC1571G	.55	2SC2028	2.45	<b>2SC2290 MP</b>	<b>Call</b>				
2SA1386	5.50	2SC535C	.50	2SC1583	3.50	2SC2029	5.95	<b>2SC2290 MQ</b>	<b>Call</b>				
2SA1406	4.95	2SC681	4.95	2SC1589	8.93	2SC2053	1.45	<b>2SC2290A</b>	<b>Call</b>				

**2SC1969**  
Original  
Mitsubishi



\$12.95 ea.  
\$31.90 for a  
Matched Pair

**Explanation of the 2SC2290 Series differences:**



2SC2290 (NO DOT)  
2SC2290A Lot number 077 & earlier  
2SC2290B Lot number 08 & above

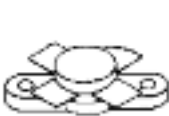
**2SC2290B is the latest version of the 2SC2290 Series.**

20% - 25% higher drive requirement makes the 2SC2290B ideal for "high drive" amplifier applications (Some retuning of circuit may be required)



## Popular Japanese Transistors

Part #	Net	Part #	Net	Part #	Net	Part #	Net	Part #	Net	Part #	Net		
<b>2SC</b>		2SC2999	2.95	2SC3241	29.95	2SC3963-Y	1.65	2SD1192	1.95	2SK168	2.00	2SK3756	1.00
2SC2762	Call	2SC3001	19.95	2SC3242	.85	2SC4053	2.90	2SD1193	3.55	2SK170-BL	2.00	2SK4037	4.95
2SC2782	Call	2SC3017	12.95	2SC3246	1.25	2SC4058	5.25	2SD1225M	1.75	2SK184Y	2.00		
2SC2782 MP	Call	2SC3018	7.95	2SC3281	5.95	2SC4123	6.05	2SD1229	2.70	2SK185	3.75	<b>3SK</b>	
2SC2782A	Call	2SC3019	Call	2SC3298	1.30	2SC4167	19.90	2SD1267	.95	2SK187-D	1.75	3SK39	2.40
2SC2782A MP	Call	2SC3020	19.75	2SC3314E	2.15	2SC4200	5.95	2SD1272	2.65	2SK192A	1.70	3SK63GR	4.93
2SC2785	.65	2SC3021	16.95	2SC3315C	1.95	2SC4236	7.60	2SD1279	6.65	2SK210-GR	2.00	3SK72	2.93
2SC2812L5	.60	2SC3022	24.95	2SC3337	1.55	2SC4237	7.50	2SD1408-Y	2.85	2SK241-GR	2.00	3SK73GR	2.93
2SC2814F4	.55	2SC3026	7.95	2SC3350	.75	2SC4240	69.65	2SD1415	1.65	2SK241Y	2.40	3SK74L	2.93
2SC2834A	Call	2SC3039	1.45	2SC3355	1.95	2SC4242	3.35	2SD1427	3.90	2SK301	2.00	3SK74 K/M	2.80
				2SC3356	.95	2SC4310	6.85	2SD1428	4.70	2SK324	10.85	3SK73GR	2.93
				2SC3357	3.95	2SC4381-Y	3.10	2SD1432	5.95	2SK330	2.00	3SK78-GR	4.45
<b>2SC2879</b>				2SC3369	3.95	2SC4524	29.95	2SD1554	3.83	2SK507	2.80	3SK81	1.90
<p>The difference between the 2SC2879 and the 2SC2879A is that the "A" version is RoHS compliant, and uses an Aluminum Nitrite insulator (color gray) on the header vs. Beryllium Oxide (color white). No change in electrical specifications.</p>													
<p>FOR PRICING &amp; AVAILABILITY, PLEASE CALL OR VISIT OUR ONLINE CATALOG AT WWW.RFPARTS.COM</p>													
				2SC3379	15.00	2SC4547	2.20	2SD1555	4.25	2SK508L	2.00	3SK85	2.95
				2SC3398	1.10	2SC4624	42.95	2SD1556	4.25	2SK520L	5.85	3SK113	2.95
				2SC3399	1.00	2SC4728 (s)	3.95	2SD1650	3.30	2SK727	7.70	3SK121Y	4.93
				2SC3402	1.50	2SC4742	4.45	2SD1667	2.25	2SK790	6.25	3SK142 P	4.45
				2SC3404	27.95	2SC4744	5.95	2SD1718	5.85	2SK791	5.43	3SK174	4.90
				2SC3419Y	1.95	2SC4770	5.95	2SD1757-K	1.55	2SK792	5.10	3SK177	1.75
				2SC3421Y	1.25	2SC4838	29.95	2SD1877	5.15	2SK793	6.25	3SK195	2.95
				2SC3422	1.25	2SC4977	6.95	2SD1887	2.95	2SK794	5.90		
				2SC3461	5.15	2SC5125 sub 2SC2782		2SD1902	1.50	2SK933	1.95	<b>LOW NOISE GAS FET</b>	
				2SC3519	5.30			2SD2125	5.60	2SK1082	16.65	BF966S	\$4.95
				2SC3537	4.95	<b>2SD</b>				2SK1087	9.25	BF980	2.75
				2SC3538	2.95	2SD180	7.95	<b>2SJ - 2SK</b>		2SK1088	9.95	MGF1302	11.95
				2SC3544	3.35	2SD235Y	4.95	2SJ43Q	\$ 1.45	2SK1113	2.65	MGF1501	8.95
				2SC3606	.60	2SD313E	1.35	2SJ106-GR	1.19	2SK1117	10.40	MGF4319G	7.95
				2SC3628	32.65	2SD596	.90	2SJ210	3.30	2SK1118	3.60	MGF4919G	3.95
				2SC3638	9.70	2SD613	1.40	2SK19	2.00	2SK1169	9.95	MRF966	5.93
				2SC3653	1.10	2SD633	1.20	2SK23A	2.00	2SK1191	13.95	3SK174 (NE25137)	4.90
				2SC3656	.55	2SD637	.50	2SK30A-Y	2.00	2SK1310A	119.95	3SK177 (NE25139)	1.75
				2SC3657	6.55	2SD717	2.93	2SK33	2.00	2SK1358	9.70	NE32184A	5.95
				2SC3661	1.95	2SD822	6.95	2SK40	5.95	2SK1459	2.75		
				2SC3678	5.75	2SD837	1.80	2SK44C	2.00	2SK1530	6.90	<b>LOW NOISE</b>	
				2SC3688	6.70	2SD856	1.00	2SK48	5.95	2SK2854	1.65	<b>GaAs MMIC</b>	
				2SC3750	3.95	2SD892	.65	2SK54	2.00	2SK2855	1.75	MGA-87563-BLK	1.95
				2SC3771	3.95	2SD1012	.50	2SK61	2.00	2SK2973	4.35		
				2SC3772	1.50	2SD1046	2.65	2SK103M	1.95	2SK2975	13.00		
				2SC3781	2.50	2SD1047	3.50	2SK104	2.95	2SK3074	1.25		
				2SC3783	5.00	2SD1060	.85	2SK117	2.00	2SK3075	5.25		
				2SC3855-A	3.75	2SD1061	2.40	2SK118	2.00	2SK3078A	1.25		
				2SC3858	8.40	2SD1117	8.45	2SK128	2.00	2SK3079A	3.50		
				2SC3887-A	4.45	2SD1135	2.95	2SK161-0	2.00	2SK3475	.90		
				2SC3907	3.95	2SD1159	1.50	2SK161GR	2.00	2SK3476	5.25		



CASE 211-11  
STYLES 1,2 (.500" flange)



CASE 221A-04  
STYLES 1,2 (TO-220AB)



CASE 244-04  
STYLES 1,3,4 (.280" stud)



CASE 316A-01  
STYLE 1



CASE 317-01  
STYLE 2 (MACRO-X)

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## Misc. Transistors 2N - 3N - PT - SD

Part #	Net	Part #	Net	Part #	Net	Part #	Net	Part #	Net	Part #	Net
<b>2N</b>		2N3702	.50	2N5458	JFET 1.75	2N6166S	Moto 79.95	BF980	2.75	ECG232	2.00
2N174	PNP 9.95	2N3740	2.95	2N5484	1.10	2N6167	scr 11.95	BFR90	1.75	ECG340	4.95
2N174A	PNP 9.95	2N3771	ST 2.95	2N5486	1.10	2N6179	1.10	BFR91	Moto 3.95	<b>EN369DR</b>	<b>1.99</b>
2N277	PNP 17.95	2N3772	ST 2.75	2N5566	dual JFET 8.95	2N6199	see B25-28	BFR91A	Philips 3.45		<b>(5+) 1.40</b>
2N396A	1.95	2N3773	MOT 3.75	2N5589	MOT 27.95	2N6214	9.80	BFY-90	MSC 2.50	<b>EN369FN</b>	<b>1.99</b>
2N457A	14.95	2N3819	.95	2N5590	MOT 27.95	2N6233	4.75	BFY-90	APT 2.50		<b>(5+) 1.40</b>
2N538A	2.95	2N3820	1.90	2N5591	MOT 27.95	2N6236	SCR .60	BLF145	Philips 39.75	<b>EN1230</b>	<b>1.99</b>
2N681	scr 18.93	2N3822	2.95	2N5637	MSC 16.95	2N6255	MOT 6.60	BLF147	Philips 92.95		<b>(5+) 1.40</b>
2N685	scr 18.90	2N3822	JAN 3.95	2N5639	JFET 1.60	2N6255	MSC 5.95	BLF175	Philips 39.95	<b>ERF2030</b>	<b>(1-24) 2.75</b>
2N686	scr 18.90	2N3866	MSC 4.95	2N5640	JFET 1.60	2N6258	7.50	BLF177-PH	Philips 62.95		<b>(25-99) 2.68</b>
2N690	scr 18.90	2N3866	MOT 4.95	2N5641	Moto Call	2N6286	6.80	BLF177-NXP	56.95	<b>ERF7530</b>	<b>(1-9) 10.50</b>
2N697	3.30	2N3866	MEV 1.95	2N5641	MEV 22.50	2N6292	1.95	BLF242	Philips 32.95		<b>(10-24) 9.95</b>
2N706	1.35	2N3903	.20	2N5641	SSS 19.95	2N6304	MOT 1.95	BLF244-PH	Philips 36.95		<b>(25-99) 8.95</b>
2N918	1.45	2N3904	.35	2N5642	MEV 22.50	2N6304	MSC 1.95	BLF244-NXP	33.95	<b>F</b>	
2N930	1.75	2N3906	.35	2N5642	Moto Call	2N6305	MOT 1.95	BLF245	Philips 33.95	F1013	Polyfet 24.95
2N1305	2.35	2N3926	37.00	2N5643	Moto Call	2N6307	8.90	BLF246B	77.95	F1015	Polyfet 24.95
2N1308	RCA 4.95	2N4033	.75	2N5643	MEV 22.50	2N6354	8.90	BLF248	Philips 199.95	F1074	Polyfet 58.95
2N1358	Call 2.95	2N4036	2.95	2N5643	SSS 27.95	2N6386	2.90	BLF278-PH	Philips 134.95	F2012-1	Polyfet 24.00
2N1522	PNP Call 17.95	2N4048	PNP Call .45	2N5643	APT/MSM 81.00	2N6387	1.05	BLF278-NXP	109.95	F3002	Polyfet 58.95
2N1523	17.95	2N4123	.50	2N5644	-MPMoto 16.95	2N6427	1.90	BLF861A	NXP 137.95	F3007	Polyfet 24.95
2N2102	1.45	2N4125	.50	2N5685	Call 6.95	2N6439-MA	51.95	BLF872	Philips 199.95		
2N2219A	.95	2N4222	JFET .70	2N5688	Call 6.95	2N6455	MP 49.00	BLU98	use MRF581	<b>G</b>	
2N2222A	plastic .40	2N4234	3.90	2N5684	SSI 6.95	2N6456	29.95	BLV910	Philips 39.95	GPD202	Avantek 6.95
2N2222A	metal .65	2N4342	JFET 1.25	2N5686	MOT 8.95	2N6505	scr 4.25	BLX13	25.00	GPD402	Avantek 5.95
2N2369	.69	2N4392	JFET 1.25	2N5686	SSI 6.95	2N6545	MOT 7.95	BLX66	Call		
2N2369A	.85	2N4401	1.25	2N5756	RCA 4.95	2N6552	2.65	BLX94A	Philips 68.00	<b>H.</b>	
2N2708	1.89	2N4402	Call	2N5770	.50	2N6558	2.85	BLT53	Philips 14.95	HA4CP103A	19.95
2N2740	17.50	2N4403	.35	2N5882	Call	2N6660	4.35	BLY88C	Philips 27.95	HUM317	1.50
2N2857	4.70	2N4416 A	2.50	2N5885	OnSemi 6.95	2N6668	3.80	BUV26	2.95	HPMA-2086	1.85
2N2857	MSC 3.95	2N4427	SSS 4.95	2N5886	4.50	2N6849	17.50	BU911	1.95		
2N2905	MEV .65	2N4427	MSC 6.95	2N5913	3.75	2N6986	99.50			<b>I</b>	
2N2905A	ST 1.25	2N4427-ST	6.95	2N5944	MOT 19.95					IRF140	9.95
2N2905A	MOT 1.45	2N4431	MSC 47.50	2N5945	MOT 24.95	<b>3N</b>				IRF510	1.95
2N2907	plastic .40	2N4906	10.95	2N5946	Call	3N140	RCA 4.95	C201 (POINT9)	48.95	IRF520	1.95
2N2907A	metal .55	2N4919	3.95	2N5947	Call	3N152	RCA 4.95	C202 (POINT9)	34.95	IRF540	4.50
2N3019	.95	2N4957	1.25	2N5950	1.65	3N153	MFET 8.95	C203 (POINT9)	69.95	ITT975	.50
2N3137	1.75	2N5031	MOT 2.95	2N5961	.95	3N211	9.45	C204 (POINT9)	69.95		
2N3055 -ST	1.75	2N5031	MSC 2.25	2N6035	2.65	3N212	8.95	CD2545 @	Call	<b>J</b>	
2N3056	.95	2N5036	5.90	2N6037	2.25	3N213	8.95	CD2664A	Call	J110	JFET 1.45
2N3252	.70	2N5090	29.90	2N6038	2.25	3N246	1.20	CD5590	14.95	J113	JFET 1.30
2N3373	ST 12.95	2N5108	MOT 2.95	2N6044	2.00	3N257	1.35	CM40-12	30.25	J174	JFET 1.25
2N3375	ST 21.95	2N5109	MEV 5.95	2N6045	1.80	4N25	1.95	CRN4	2.95	J310	JFET 1.25
2N3375	MEV 17.95	2N5109	SGS 8.95	2N6051	6.95					JO3020	33.00
2N3402	1.50	2N5109	MOT Call	2N6055	7.90	<b>A</b>				JO2005	TRW 27.95
2N3439	2.95	2N5172	.75	2N6057	4.20	ARF520	APT 24.95	<b>D</b>		JO2015A	Call
2N3478	2.95	2N5179	MOT 3.35	2N6080	MOT 24.95	ATF10135	MMIC 2.95	D44T8	3.25		
2N3553	MEV 3.95	2N5179	MSC 4.95	2N6080	MEV 19.95	ATF13736	2.50	D1009 (POINT9)	58.95		
2N3553	MSC 4.75	2N5180	4.30	2N6081	MOT Call	AT41472	3.95	D2212 (POINT9)	27.95	<b>M</b>	
2N3553	MOT Call	2N5181	4.30	2N6081	MEV 19.95	AT41485	1.50	D2213 (POINT9)	34.95	MA4P959	1.95
2N3565	1.60	2N5189	2.70	2N6083	MOT 27.90	A50-12 stud	use MRF453A	DU1230S	Philips 29.95	MA4C101A	2.95
2N3616	18.90	2N5194	1.70	2N6084	MOT 29.95			DU2880T	Call	MA862	1.25
2N3632	MEV 17.95	2N5225	1.95	2N6084	MP 67.90			DVD120T	Philips 29.95	MAC10-1	MOT 2.95
2N3634	.90	2N5241	8.95	2N6084	M3 101.85	<b>B</b>		DV2840S	Call	MCL25	2.50
2N3635	3.95	2N5320	2.15	2N6094	PNP4w Call	B25-28	24.90	DX541CF	38.00	MCR225	scr 4.35
2N3644	.59	2N5400	.50	2N6102	2.95	BA182	2.19			MFE132	3.95
2N3646	1.00	2N5446	scr Call	2N6107	2.25	BF966S	4.95	<b>E</b>		MFE201	5.95
								E339	MSC 19.95	MFE204	3.95

TRANSISTORS: Misc. 2N, 3N, PT, SD



CASE 317D-02  
STYLE 2



CASE 319-06  
STYLES 1,2,3 (CS-12)



CASE 333-04  
STYLE 1



CASE 33A-02  
STYLE 1 (MAAC PAC)



CASE 368-02  
STYLES 1,2 (HOG PAC)

## Misc. Transistors 2N - 3N - PT - SD

Part #	Net	Part #	Net	Part #	Net	Part #	Net	Part #	Net	Part #	Net
MFE521	5.95	MS1426 MSC/APT	19.95	PT8874	19.50	SD1089	26.00	SD2900	Call	TIP100	1.80
MFE2001	1.95	MS1454 MSC	24.95	PT9700	Call	SD1115-7	14.80	SD2902	29.95	TIP102	1.40
MJ3000	3.05	MS1490 MSC	29.95	PT9701	Call	SD1124 ST	22.50	SD2903	49.95	TIP106	1.90
MJ4033	5.35	MS1507 APT	19.95	PT9703	27.00	SD1134-1	14.80	SD2904	27.95	TIP107	.70
MJ11012	7.25	MS1626 MSC	19.95	PT9731	30.00	SD1143 Stud	24.95	SD2922	84.95	TIP110	1.40
MJ11016	Call	MS1649 MSC	4.25	PT9732	16.95	SD1143-1 Flange	24.95	SD2932	129.95	TIP111	1.15
MJE180	1.80	MS2293 MSC	24.95	PT9734 F	16.95	SD1143-MSC	Call	SD2942	129.95	TIP112	.95
MJE340	1.00	MS4040 MSC	19.95	PT9776	17.95	SD1143-10	Call	SD4590	Call	TIP116	1.25
MJE370	.60	MS4080 MSC	19.95	PT9782A	14.95	SD1212	14.95	SD4701 ST	49.50	TIP120	1.10
MJE521	1.80	MS4280 MSC	19.95	PT9783 MP	87.00	SD1214	14.95	SD8250	129.95	TIP122	.75
MJE801	1.90	MS4300 MSC	19.95	PT9784	26.50	SD1229	18.00	SD8528-04	24.95	TIP125	.80
MJE2955 MOT	5.95	MS4775 MSC	24.95	PT9784 MP	58.00	SD1272	Call	SD56120MK	89.95	TIP127	.70
MJE3055K	5.93	MS4820 MSC	24.95	PT9796	14.95	SD1274	44.95	SD57030	38.95	TIP141	2.70
MJE3055T	1.80	MS4910 MSC	24.95	PT9797	14.95	SD1275-1 MSC	19.95	SD57045	49.95	TIP142	2.20
MPS102	1.25	MSA0785	1.65	PT9847 MP	57.00	SD1289	17.95	SD57045-01	49.95	TIP3055	3.65
MPS911	2.90	MSA-1104	1.75	PT9852	22.75	SD1295	37.90	SE4020	1.45	TIPL760	5.60
MPS2369	.60	MSA1105 (HP)	1.95			SD1398	27.95	SE5025	1.55	TSD2902	Call
MPS2907A	.60	MSA2086	1.75	<b>Q</b>		SD1400-2	Call	SK3849	2.95	TSD2904	Call
MPS3563	1.95	MSA-3111	1.50	Q100C	35.00	SD1400-3	Call	SM80-0600-2	Call	TSD2921	Call
MPS3638	1.60			Q400E3	1.70	SD1405	32.00	SM724	Call	TXL-50	12.85
MPS3703	.60	<b>N</b>				SD1405 MP	75.00	SM724MP	Call	TXL-60	12.35
MPS3711	.50	NE32184A	5.95	<b>R</b>		SD1407	45.00	SM2718	4.00	TXL-125	19.50
MPS3866	2.25	NSD102	3.95	RCA3055	1.20	SD1407 MP	98.00				
MPS6515	.50	NTE318	31.88	RCA40312 RCA	.	SD1415	25.00	<b>T</b>		<b>U</b>	
MPS6519	1.60	NTE320	28.60	RCA40602 MOSFET	5.93	SD1420-6	15.95	TH430B ST	34.95	U309 Moto	3.95
MPS6531	.95	NTE335	34.35	RCA40673 MOSFET	6.93	SD1424	88.00	TH430C MSC	44.95	U310	3.95
MPS6534	1.60	NTE338	31.24	RCA8203A	2.75	SD1426	Call	TH430D MSC	34.95	UA78H12	5.95
MPS6544	.95	NTE338F	37.66	RF35	23.00	SD1428-2	Call	TH430E APT	34.95	UA78H12ASC	5.95
MPS8099	.95	NTE351	27.79	RF120	Call	SD1429-3	37.70	TH430F APT	34.95	UF2820R Philips	27.95
MPS8599	.75	NTE356	.	RF208	14.00	SD1429-3 MP	82.00	TH560C ST	17.95		
MPSA06	.40	NTE359	27.64	RF2092	24.95	SD1434-09	32.50	TH562D MSC	19.95	<b>V</b>	
MPSA13	.40			RF2123	Call	SD1444 MSC	4.35	TH562E MSC/APT	19.95	VMIL100 Acrian	29.95
MPSA14	.45	<b>P</b>		RF2124	24.95	SD1446	Call	TH562F MSC	19.95		
MPSA42	.40	P124-401	14.95	RF2171	29.95	SD1446 MP	Call	THA15	59.95	<b>Y</b>	
MPSA55	.50	P125 Polyfet	Call	RF3437	Call	SD1446-8	24.95	THA15E APT	49.95	Y2388B	Call
MPSA63	.60	PH0810-4	Call	RFP25	17.95	SD1450	Call	THA15F APT	39.95	Y2403A	Call
MPSA92	.40	PH0810-35	49.95			SD1451 @	Call	THX15A	129.95		
MPSA112	.50	PH0810-L5	28.95	<b>S</b>		SD1452 @	Call	TIC106B1	1.80	<b>#</b>	
MPSD54 see ECG232		PH1819-4N	Call	SE4020	1.45	SD1455	69.95	TIP29	.55	8T64A	1.95
MPSH04	.40	PH1819-10	Call	S10-12 @	Call	SD1460	Call	TIP29A	.55	8H18 ST	15.95
MPSH10	.70	PH1819-33	Call	S30-12	Call	SD1460 MP	Call	TIP29C	.55	51R-84312B01	Call
MPSH32	1.80	PMD11K100	7.95	S50-28	25.00	SD1477	59.95	TIP30C	1.65	75D05 MOT	Call
MPSU01	1.95	PN2222A	.40	S100-28 MP	89.25	SD1477 MP	Call	TIP31	Use TIP31A	201-4	Call
MPSU05	2.95	PN2905	.45	S504	21.23	SD1480	67.95	TIP31A	.65	301-695-5	18.00
MPSU57	2.25	PN2907	.30	S2800A scr	2.30	SD1487	use SRF3662	TIP31C	.75	301-696-6	15.00
MPX093	17.75	PN2907A	.35	SD1006-7	2.00	SD1526	Call	TIP32A	.95	301-733-4	18.00
MRA0610-3	Call	PN3643	.95	SD1006-11	2.90	SD1528-06	28.95	TIP32B	1.15	632P1	45.00
MRA1000-3.5L	108.50	PN3692	.50	SD1012-4 MSC	19.95	SD1537-01H	24.95	TIP32C	.95	634-001 MSC	11.95
MS1055 MSC	19.95	PT3123C	Call	SD1013-3	Call	SD1562	Call	TIP33B,C	2.65	0608-450 MEC	Call
MS1204 APT	24.95	PT6619 @	Call	SD1013 MSC	19.95	SD1728-21	79.95	TIP34A	1.25	1050-02 ST	12.95
MS1307/MPS1307	4.95	PT6665	Call	SD1013-15H ST	15.95	SD1728-23	79.95	TIP34B	1.25	1407	Call
MS1332 MSC	19.95	PT8809	Call	SD1015	Call	SD1730-03 ST <sup>3</sup>	34.95	TIP41B,C	.65	1416-200 Acrian	Call
MS1336 MSC	19.95	PT8809S	18.00	SD1015-6 APT	19.95	SD1900	Call	TIP42B	.65	124331 Moto	8.95
MS1337 MSC	19.95	PT8811	Call	SD1018-6	Call	SD1902	36.00	TIP42C	.65	68068 Acrian	Call
MS1402 MSC	19.95	PT8828	19.70	SD1019	Call	SD1912	Call	TIP47	1.80	5490810 PNP GE MsrPro	12.95
MS1404 MSC	19.95	PT8873	12.00	SD1077	12.60	SD1920	Call	TIP49	1.00	851931 SawTek	Call



CASE 375-03  
STYLE 2



CASE 382-01  
STYLE 1



CASE 397-01  
STYLE 1



CASE 412-01  
STYLE 1



CASE 744a-01  
STYLE 1

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All parts on this page manufactured by Motorola unless noted otherwise.



Part #	Net	Part #	Net	Part #	Net	Part #	Net	Part #	Net	Part #	Net
MRF134	\$ Call	MRF174	Call	MRF260	15.95	MRF412 MP	49.90	MRF450 MP	Call	MRF497	39.95
MRF134-MA	20.95	MRF174-MA	49.95	MRF260 MP	34.90	MRF420	Call	MRF450A	24.93	MRF497 MP	86.90
MRF136	Call	MRF175GU	129.90	MRF261	11.95	MRF421	72.95	MRF450A MP	55.90	MRF502	1.95
MRF136-MA	22.90	MRF175GU-MA	149.95	MRF262	Call	MRF421 MP	151.90	MRF453	27.95	MRF515	2.95
MRF136 MP-MOT	79.95	MRF175GV	Call	MRF264	39.95	MRF421 MQ	303.80	MRF453 MP	Call	MRF517	5.75
MRF136Y	72.95	MRF175GV-MA	159.95	MRF264 MP	Call	MRF421 MA	67.95	MRF453 MQ	Call	MRF517 APT	3.95
MRF136Y-MA	65.95	MRF175LU-MA	79.95	MRF275G	179.95	MRF421 MP-MA	141.90	MRF453A	39.95	MRF517 MSC	4.95
MRF137	32.95	MRF176GU	149.90	MRF275G-MA	142.95	MRF422-MA	64.95	MRF453A MP	84.90	MRF521	9.90
MRF137-MA	29.95	MRF176GU-MA	139.95	MRF275L-MA	94.95	MRF422 MP-MA	134.90	MRF454/SRF3749 see SRF3749		MRF531	3.95
MRF140	79.90	MRF176GV	149.95	MRF309	37.93	MRF422 MQ-MA	269.80	MRF454	42.95	MRF544	5.25
MRF140-MA	69.90	MRF176GV-MA	139.95	MRF309 MP	88.90	MRF422 HB	.	MRF454-MA	44.95	MRF544 APT	4.25
MRF140 MP-MA	155.00	MRF177-MA	69.95	MRF313-MA	22.95	MRF422HB-MP-MOT	119.00	MRF454 MP	92.90	MRF545	MSC 4.95
MRF141	69.95	MRF206	11.95	MRF314-MA	26.95	MRF422LB-MP-MOT	141.90	MRF454 MP-MA	95.90	MRF545 APT	4.35
MRF141-MA	69.95	MRF207	2.95	MRF314 MP-MA	59.90	(Org./Yellow Kenwood)		MRF454 MQ	185.80	MRF553	4.25
MRF141 MP-MA	Call	MRF208	24.90	MRF314	32.95	<i>Toshiba equiv. of MRF422MOT:</i>		MRF454 MQ-MA	191.80	MRF553 MSC	2.95
MRF141G-MA	156.95	MRF212	37.95	MRF314 MP	79.90	2SC2510A	34.95	MRF454A	Call	MRF553G APT	2.75
MRF141G	Call	MRF220	19.93	MRF314A	39.75	2SC2510A-MP	74.90	MRF455	see SRF3775	MRF555	7.95
MRF148	65.00	MRF221	17.95	MRF314A MP	Call	MRF426	39.90	MRF455 / SRF7000	Call	MRF555 MSC	6.95
MRF148A-MA	35.95	MRF221 MP	42.00	MRF315A MP	Tic Call	MRF426-MA	33.75	<i>Substitues available</i>		MRF555 APT	Call
MRF150-MA	49.95	MRF222	19.90	MRF315	Call	MRF426 MP	83.00	MRF455-MA	44.95	MRF557	3.95
MRF150-MP MA	Call	MRF224	47.00	MRF315 MP	Call	MRF426 MP-MA	73.00	MRF455 MP	Call	MRF557 APT	1.75
MRF151	Call	MRF224 MP	98.00	MRF316	39.00	MRF426A	29.95	MRF455 MP-MA	94.90	MRF557 MSC	1.75
MRF151-MA	53.95	MRF226	32.90	MRF316-MA	47.95	MRF427	Call	MRF455 MQ	Call	MRF559	2.75
MRF151MP-MA	Call	MRF227	13.95	MRF316 MP	86.00	MRF428-MA	64.95	MRF455 MQ-MA	189.90	MRF559 MSC	1.95
MRF151A-MA	72.95	MRF227-MSC	6.95	MRF317-MA	47.95	MRF428	74.00	MRF458	24.50	MRF571	4.90
MRF151G	Call	MRF229	14.90	MRF317 MP	Call	MRF428 MP-MA	149.00	MRF460	29.95	MRF581	2.50
MRF151G-MA	109.95	MRF231	19.90	MRF321-MA	32.95	MRF429	54.00	MRF460 MP	Call	MRF581G APT	1.35
MRF151G-MA-MP	Call	MRF232	14.95	MRF321	36.95	MRF429-MA	42.50	MRF464	Call	MRF581A	Call
MRF153	250.00	MRF233	15.95	MRF323	38.95	MRF429 MP	125.00	MRF464 MP	Call	MRF581A MSC	3.95
MRF154-MA	454.95	MRF234	Call	MRF323-MA	32.95	MRF429 MP-MA	93.00	MRF466	38.00	MRF586	MSC 4.95
MRF154	Call	MRF237	MSC 7.25	MRF325	Call	MRF429 MQ	256.00	MRF466 MP	83.80	MRF607	2.85
MRF156	300.00	MRF237	8.95	MRF327	49.90	MRF433	Call	MRF475	9.95	MRF607-S trim leads	1.95
MRF157	525.00	MRF238	32.95	MRF327-MA	54.95	MRF433 -MOT-MP	Call	MRF475 MP	27.00	MRF627	Call
MRF157-MA	469.95	MRF239	32.95	MRF327 MP	109.90	MRF433 -RFP-MP	Call	MRF476	Sub 2SC2166	MRF629	4.75
MRF158-MA	25.25	MRF240 Stud	27.95	MRF328	59.00	MRF435 MP	110.00	MRF477	Call	MRF630	11.95
MRF160-MA	33.95	MRF240 MP	52.80	MRF329	79.95	MRF448-MOT	89.50	MRF479	18.00	MRF630 MSC	9.95
MRF164W	79.00	MRF240A Flange	28.95	MRF331	Call	MRF448-MA	92.95	MRF479 MP	44.90	MRF641	34.95
MRF166C-MA	35.95	MRF240A MP	60.90	MRF338	88.75	MRF448 MP	194.00	MRF485HB	23.95	MRF641 TRW	28.95
MRF166W-MA	78.95	MRF245	33.73	MRF392-MA	99.95	MRF448 MP-MA	193.90	MRF485HB MP	53.90	MRF641 MP	74.90
MRF171A-MA	34.50	MRF245 MP	72.20	MRF393-MA	94.95	MRF448 MQ	395.00	MRF486	Call	MRF644	27.50
MRF171A	Call	MRF247	use 2SC2782	MRF401	15.50	MRF448 MQ-MA	387.80	MRF492	39.95	MRF644 MP	60.00
MRF173	69.95	MRF248	46.90	MRF401-MP	45.00	MRF449	Call	MRF492 MP	Call	MRF646	39.95
MRF173-MA	39.90	MRF248 MP	103.90	MRF406	32.95	MRF449 MP	Call	MRF492 MQ	Call	MRF646 MP	86.60
MRF173CQ	54.95	MRF250	20.00	MRF406 MP	75.90	MRF449A MP	Call	MRF492A	39.95	MRF648	48.45
MRF173CQ-MA	45.95	MRF255	Call	MRF412	14.50	MRF450	Call	MRF492A MP	84.90	MRF648 MP	96.90

All MRF and SRF transistors are manufactured by Motorola unless noted otherwise.



Please call for quantity pricing.

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Part #	Net	Part #	Net	Part #	Net
MRF650	49.00	MRF5943	2.95	SRF3800 MQ	Call
MRF650 MP	106.00	MRF5943 MSC	2.50	SRF3804	40.00
MRF652	Call	MRF5943G APT	1.25	SRF3836P	Call
MRF652S surface mt.	Call	MRF5943C MSC	2.50	SRF3837	Call
MRF653	Call	MRF8004	14.95	SRF3839	15.00
MRF653S surface mt.	Call	MRF8372 surface mt.	2.95	SRF3839 MP	33.00
MRF654	29.95	MRF9011L	1.83	SRF3840H	27.40
MRF658	Call	MWA110	19.95	SRF3841H	27.40
MRF658 MP	Call	MWA120	27.95	SRF3883	use MRF247
MRF660	19.75	MWA120 MSC	25.00	SRF3897	use MRF248
MRF752	Call	MWA130	Call	SRF3927	24.90
MRF754	32.90	MWA210	24.95	SRF3977	29.95
MRF837	Call	MWA220	29.95	SRF7000-90	Use MRF455
MRF839	Call	MWA230	Call	SRF7000-90 MP	Use MRF455
MRF839F	Call	MWA230 MSC	29.95	SRF7000-90 MQ	Use MRF455
MRF840	40.00	MWA320	Call	SRFH1900	use MRF260
MRF841	Call	SM724	Call	SRFJ7044	use RD70HVF1
MRF843	Call	SM724MP	Call	SRFM4144	19.95
MRF843F	49.90	SRF2017	Call	SRFT3034	24.95
MRF844	49.90	SRF2072	Call	SRFT3834	24.95
MRF846	Call			TP3007S	11.50
MRF847	44.95			TP3022B	59.00
MRF858	Call			TPV8100B	Call
MRF859	49.93	SRF2072 MP	Call	UTV8100B	APT 129.50
MRF873	37.73	SRF2072 MQ	Call	M25C24	36.00
MRF891	56.95	SRF2281	Call	M11L36	see MRF641
MRF892	42.50	SRF2442K	24.75	M11L60	see MRF648
MRF896	24.95	SRF2483	26.75		
MRF897	59.95	SRF2543	15.00	HB	High Beta
MRF898	Call	SRF2648	21.25	LB	Low Beta
MRF901	1.95	SRF2818K	16.95	MP	Matched Pair
MRF904 MSC	3.00	SRF2838	Call	MQ	Matched Quad
MRF904 APT	2.50	SRF3030	@	-S	Trim Leads
MRF911	9.90	SRF3417	@	@	Substitute Available
MRF951	Call	SRF3605	23.00		
MRF965	1.75	SRF3614	35.75	MOT	Motorola
MRF966	5.93	SRF3614 MP	75.50	MA	M/A-COM
MRF15030	Call	SRF3627	14.95	MSC	Microsemi
MRF1015MB	Call	SRF3653	32.00	APT	Advanced Power Technology
MRF1090MA	49.50	SRF3653 MP	68.00		
MRF1150MA	42.50	SRF3653 MQ	138.00		
MRF1150MB	Call	SRF3662	39.95		
MRF1946	32.95	SRF3662 MP	85.00		
MRF1946A	32.95	SRF3749	Call		
MRF2628	33.00	SRF3749 MP	Call		
MRF3866 APT	1.25	SRF3749 MQ	Call		
MRF3866	3.25	SRF3775 /MRF455	Call		
MRF4427 MSC	1.50	SRF3775 MP	Call		
MRF5003	Call	SRF3775 MQ	Call		
MRF5007	32.00	SRF3795 /MRF454	Call		
MRF5015	34.90	SRF3800 /MRF492	Call		
MRF5812	2.95	SRF3800 MP	Call		

All parts in this section manufactured by Motorola unless noted otherwise.

## New Series MOSFET Quantity Pricing Available

Part #	Freq. (MHz)	VDD (V)	Power out (W)	Price Each
RD00HHS1	30	12.5	0.3	\$ .95
RD00HVS1	175	12.5	0.5	1.00
RD01MUS1	520	7.2	0.8	1.75
RD01MUS2	520	7.2 (W/GRD)	0.8	1.75
RD02MUS1	175	7.2	2	5.75
RD02MUS1B	520	12.5 (W/IDS)	4	4.95
RD05MMP1	941	7.2	5.5	7.50
RD06HHF1	30	12.5	6	4.25
RD06HVF1	175	12.5	6	4.25
RD07MUS2B	175/527	7.2 (W/GPD)	7	5.75
RD07MVS1	520	7.2	7	6.75
RD07MVS1B	175	9.6 (W/IDS)	8	6.75
RD07MVS2	175	9.6 (W/GPD)	8	6.75
RD09MUP2	520	7.2 (W/GPD)	8	7.95
RD12MVS1	175	7.2	11.5	6.35
RD15HVF1	175	12.5	15	4.95
RD16HHF1	30	12.5	16	4.75
RD20HMF1	900	12.5	20	32.25
RD30HUF1	520	12.5	30	22.95
RD30HVF1	175	12.5	30	22.95
RD45HMF1	900	12.5	30	34.95
RD60HUF1	520	12.5	45	29.95
RD70HHF1	30	12.5	70	29.95
RD70HVF1	175	12.5	70	29.95
RD100HHF1	30	12.5	100	32.25

## PNP Power Supply Switching Transistors

GE Master Pro, etc., including inverters and DC-DC power supplies used in older transceivers and linears. Rated 40 Amps max. Similar to 2N1522 & 2N4048.



Large quantity available.

Part #: 5490810  
\$12.95 ea.

## HR2510 & HTX-100 High Power Modification

Reprint of the 1993 "73 Magazine" article giving full modification information for doubling output power using the MRF497 transistor is available.

Reprint may be requested at no charge when placing a parts order.

## Integrated Circuits

Part#	Net	Part#	Net	Part#	Net	Part#	Net	Part#	Net	Part#	Net	Part#	Net	Part#	Net
706BPC	12.95	LA4192	3.00	LM388N	1.50	MC7812CT (7812)		STK7573	8.85	TA7604AP	3.25	TA8215H	5.25	TDA3653C	4.90
74H393	1.50	LA4440	3.95	LM388N-3	1.50		1.25	STR5412	5.45	TA7609P	4.45	TA8215L	6.85	TL496CP	1.85
74HC14	1.50	LA4460	4.60	LM393N	1.05	MC7815CT (7815)		STR10006	5.75	TA7611AP	5.43	TA8216H	7.95	TMS1024	9.95
74HC32	1.50	LA4465	3.05	LM709CN	2.75		1.25	STR11006	5.75	TA7613AP	2.70	TA8217P	2.40	UA7905	1.50
78M08CG	1.25	LA4480	4.55	LM711N	3.55	MC78L05	1.50	STR41090	8.45	TA7628HP	2.95	TA8221AH	9.95	UA7906C	1.50
AN103	2.00	LA4508	3.45	LM723CN	1.77	MC78M05DTRK	1.50	STR50103A	8.85	TA7628P	3.35	TA8605N	7.30	UHC005	6.95
AN214Q	4.45	LA4510	1.15	LM733CN	1.40	MC7905C	2.00	STR50213	11.40	TA7629P	3.93	TA8607P	5.95	UHC006/ECG1247	
AN240P	2.15	LA4555	2.05	LM741CN	1.50	MC7906C (7906)		STR53041	7.95	TA7640AP	2.95	TA8620P	7.70		9.95
AN374P	4.45	LA4557	3.15	LM748CH	3.30		1.25	STR54041	7.75	TA7641BP	1.95	TBA810P	1.85	UHC070	6.95
AN612	3.95	LA4705	6.25	LM1496N	4.50	MC7912CT	2.00	STR58041	13.95	TA7644BP	8.35	TBA810SH	2.45	uPA81C	3.45
AN829/P/S	4.40	LA5521	1.30	LM1871N	5.95	MC7918CK (TO-3)		STR59041	10.45	TA7654P	1.75	TC40H373	4.45	uPC151C	2.95
AN1324		LA7210	3.00	LM3900N	2.20		1.25	TA7061BP	1.90	TA7668BP	2.00	TC4020BP	2.25	uPC258C	1.49
AN6541	5.05	LA7330	5.45	LM7915CT	2.55	MC14001UBCP	.90	TA7089P	3.90	TA7670P	9.65	TC4028BP	1.95	uPC2726	3.25
BA501	2.65	LA7520	4.00	LM8560	2.95	MC14023BCP	.75	TA7137P	2.00	TA7672P	7.95	TC4029BP	1.95	uPC277C	2.50
BA521	2.59	LA7550	3.60	M4538BP	3.95	MC14071BCP	.90	TA7140BP	3.65	TA7673P	3.95	TC4036BP	9.95	uPC358C	1.49
BA614	1.50	LA7800	2.90	M51182L	3.25	MC14081BCL	1.25	TA7205AP	2.90	TA7680AP	5.55	TC4050BP	1.95	uPC575C2	5.95
BA10324A	2.85	LA7801	2.10	M51516L	5.45	MC14163BCP	9.90	TA7222AP	3.95	TA7691P	4.15	TC4066BP	1.15	uPC577H	2.45
BA10393	1.50	LA7820	2.80	M5223L	1.60	MC145106P	2.95	TA7230P	3.70	TA7705AP	1.50	TC4069UBP	1.45	uPC1028H @	5.95
BA4558	1.50	LA7824	3.00	M51953BL	2.30	MC145145P	10.90	TA7232P	4.13	TA7717AP	5.95	TC4071BP	1.95	uPC1028HA	2.45
BA5404	2.45	LA7850	1.10	M51977FP	5.95	MC145156	7.95	TA7233P	4.10	TA7718P	6.65	TC4511BP	2.35	uPC1152H/	
CA3081	1.95	LA7910	1.20	M54460L	4.20	MJD31 MOT	2.00	TA7241AP	4.55	TA7719P	4.45	TC4518BP	3.95	ECG1275	5.95
CA3083	1.45	LA7912	1.25	MB3712	5.95	MLM324P	2.00	TA7242P	4.85	TA7748P	3.85	TC5080P	13.95	uPC1181H	12.93
CA3085	3.10	LC7130	5.45	MB3713	3.45	MM5221EDS	6.95	TA7243P	4.90	TA7757P	2.85	TC5081AP	3.75	uPC1182H	12.93
CA3086N	2.45	LC7131	5.35	MB3752	5.95	NE602N	7.95	TA7245BP	5.33	TA7761P	6.15	TC5082P	3.85	uPC1185H2	12.43
CA3094T	3.45	LC7132	6.00	MB3759	2.95	NJM317F	2.00	TA7250BP	4.70	TA7769P	2.50	TC8830AF	7.95	uPC1241H	15.95
CA3130E	1.50	LC7137	6.93	MB87001	11.75	NJM2902	1.85	TA7251P	4.95	TA7777N	14.95	TC9109BP	8.93	uPC1242H	4.93
CD4016		LC7385	2.00	MC74HC139	1.50	NJM2902NK	1.85	TA7263P	4.95	TA7783P	3.95	TC9122P	14.95	uPC1615G K	5.93
(MC14016BCP)	1.50	LM34CZ	7.45	MC78L05CPG	.50	NJM2902N	1.15	TA7273P	5.35	TA7796P	3.45	TC9123BP	6.90	uPC1652G	9.95
CD4066	1.50	LM79M	2.00	MC78L08CP	.50	NJM2904D	1.50	TA7279P	4.75	TA7809S	3.95	TC9130P	3.65	uPC1677C	1.50
CX7925B	19.95	LM301A&P	1.80	MC79L05CG	.50	NJM2904L	1.85	TA7281P	2.00	TA8029S	2.00	TC9142	3.95	uPC1688G	7.95
D4069	1.50	LM304H	3.75	MC79M12AHC	.75	NJM2904M	1.85	TA7299P	3.95	TA8108AP	2.95	TC9147BP	8.95	uPC2002	2.00
DM7404M	1.50	LM310J	4.45	MC1350P	3.15	NJM3404AS	2.25	TA7302P	3.85	TA8109AZ	4.65	TC9148P	2.95	uPC2726	3.25
DM7490	1.50	LM311N	3.15	MC1496D	3.50	NJM4558-L	2.95	TA7310P	1.50	TA8110AP	1.50	TC9149P	4.55	uPD858	8.95
DS8857J	5.95	LM317H	2.00	MC1496G	6.45	NJM4558M	2.95	TA7313AP	1.45	TA8113P	5.45	TC9150P	6.75	uPD861C	6.95
DTA124EK	.89	LM317T	1.95	MC1496P	1.75	NJM4558-S	1.35	TA7317P	2.35	TA8118AP	1.95	TC9153AP	1.50	uPD1913C	5.50
HA1339A	5.95	LM319N	3.20	MC1590G	12.95	NJM7809A		TA7318P	5.83	TA8119P	3.90	TC9303ANO	8.95	uPD2819	8.95
HA1366W	5.95	LM320K-5.0	2.25	MC1723CP	.95	use MC7809		TA7320P	1.50	TA8126S	4.30	TD6111P	4.75	uPD2834C	14.95
HA1366WR	5.95	LM324AN	1.45	MC1733CP	2.00	NSN74RFC40	2.00	TA7334P	2.33	TA8127N	3.50	TD6709N	4.75	uPD4028	1.29
HD74HC688P	2.00	LM330T	1.95	MC1741CG	2.00	PLL02A	8.95	TA7341P	1.70	TA8135P	4.25	TD62004AP	2.75	uPD4094BC	3.55
HA17555	1.50	LM334Z	2.30	MC1741G	2.00	PLL02A-G	13.95	TA7342P	1.40	TA8189N	2.80	TD62551S	4.45	uPD4512	1.00
HD14093BP	2.20	LM335Z	2.70	MC3350P	1.65	PS2505-IND OPTO	.69	TA7344P	2.00	TA8202K	4.75	TDA1021	7.95	uPD82C43C	6.65
ICM7208	21.95	LM336Z	6.90	MC3357	2.75	RFP12P08	3.25	TA7359P	2.75	TA8205AH	5.30	TDA2003L	3.95		
IR2429	5.90	LM340K5.0P	5.95	MC3357D	2.75	RN1203	1.20	TA7403P	2.25	TA8210AH	6.65	TDA2004R	6.95		
L555CP	1.50	LM340T-5.0	3.75	MC3357	3.25	SL560C	16.95								
LA1260	2.25	LM340T12	1.50	MC3359P	2.00	SO42P	9.95								
LA1266	4.25	LM345K5.0	5.95	MC3401-P	2.89	STK436	8.80								
LA2110	3.55	LM348N	2.45	MC3403DR	2.00	STK2110	9.45								
LA3401	3.05	LM358N	.95	MC7805CT (7805)		STK6325A	9.20								
LA3600	1.65	LM361N	1.95		1.25	STK6982	13.95								
LA4140	1.10	LM373N	6.93	MC7805KC	5.95	STK6982H	7.55								
LA4160	2.05	LM380N	1.95	MC7809A	2.00	STK7308	5.95								
LA4165M	4.55	LM381N	5.25	MC7809CT (7809)		STK7348	4.75								
LA4180	1.65	LM383T	2.15		1.25	STK7358	5.25								

### IC Sockets



Standard Low Profile DIP IC Sockets have 0.021" (.53mm) diameter solder tail. Open frame design. All are standard 0.100" (2.54mm) pin spacing. Sold by the package.

Part #	Pins	Row Spacing	Standard Package	Price Pkg.
DIP16	16	0.3	5	\$3.00
DIP18	18	0.3	5	3.00
DIP20	20	0.3	4	3.00
DIP22	22	0.3	4	3.00
DIP24	24	0.6	3	3.00
DIP32	32	0.6	1	2.50
DIP40	40	0.6	1	3.00