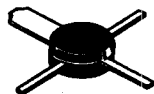


# RF PRODUCTS — BIPOLAR POWER TRANSISTORS (continued)

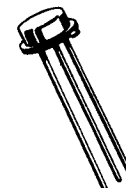
3



CASE 317D-01



CASE 316-01



CASE 26-03  
TO-206AB  
(TO-46)

## VHF Applications (continued)

### 136–174 MHz, High-Band/VHF FM Transistors

The “workhorse” VHF FM High-Band is served by Motorola with the broadest range of devices and package combinations in the industry.

Device	P <sub>out</sub> Output Power Watts	P <sub>in</sub> Input Power Watts	G <sub>PE</sub> Power Gain dB Min	V <sub>CC</sub> Supply Voltage Volts	Package
2N4427	1.0	0.1	10	12	TO-205AD
MRF604	1.0	0.1	10	12.5	TO-206AB
MRF553	1.5	0.1	11.5	12.5	317D-01
MRF607	1.75	0.12	11.5	12.5	TO-205AD
2N6255	3.0	0.5	7.8	12.5	TO-205AD
MRF237*	4.0	0.25	12	12.5	79-03
2N6080	4.0	0.25	12	12.5	145A-09
MRF260	5.0	0.5	10	12.5	TO-220AB
MRF261	10	3.0	5.2	12.5	TO-220AB
MRF212	10	1.25	9.0	12.5	145A-09
2N6081	15	3.5	6.3	12.5	145A-09
MRF262	15	3.5	6.3	12.5	TO-220AB
MRF2628#	15	1.0	12	12.5	244-04
2N6082	25	6.0	6.2	12.5	145A-09
2N6083	30	8.1	5.7	12.5	145A-09
MRF264	30	9.1	5.2	12.5	TO-220AB
MRF1946/A# @	30	3.0	10	12.5	211-07
2N6084	40	14.3	4.5	12.5	145A-09
MRF224	40	14.3	4.5	12.5	211-07
MRF4070**	70	20	5.0	12.5	316-01
MRF247**	75	15	7.0	12.5	316-01
2N5589	3.0	0.44	8.2	13.6	144B-05
2N5590	10	3.0	5.2	13.6	145A-09
2N5591	25	9.0	4.4	13.6	145A-09
MRF238	30	3.7	9.0	13.6	145A-09
MRF239	30	3.0	10	13.6	145A-09
MRF240	40	5.0	9.0	13.6	145A-09

# Characterized for operation over 136–220 MHz Band

@ A Version in case 145A-09

MRF207	1.0	0.15	8.2	12.5	TO-205AD
MRF227*	3.0	0.13	13.5	12.5	79-03
MRF208	10	1.0	10	12.5	145A-09

\*Grounded Emitter CASE 79-03 (TO-205 Type)

\*\*Internal Impedance Matched