

**RF DEVICES (contd.)**

UHF - 225 - 400 MHz								
Type	Polarity	V <sub>CC</sub> (V)	P <sub>OUT</sub> (W)	P <sub>IN</sub> (W)	Power Gain dB	Test frequency MHz	Collector Efficiency %	Package
2N3866	NPN	28	1	0.1	10	400	45	TO-39
2N3375	NPN	28	3	1	4.7	400	40	TO-60
CD2087/C3-28/ 2N5916	NPN	28	3	0.3	10	400	60	1/4" Stud
CD2035	NPN	28	3	0.15	13	400	50	1/4" Stud
CD2505	NPN	28	5	0.6	9	400	50	1/4" Stud
CD2088/CM10-28/ 2N5918	NPN	28	10	1	10	400	60	1/4" Stud
CD 2089	NPN	28	20	3	8	400	50	1/4" Stud
CD2337	NPN	28	12	2	7.7	400	50	3/8" Stud
C25-28	NPN	28	25	6	7.7	400	50	3/8" Stud
CM25-28	NPN	28	25	3.5	8.5	400	50	1/2" Flange
CM45-28**	NPN	28	45	9	7	400	50	1/2" Flange
C2M-70-28R/ CD4526	NPN	28	70	10	8.5	400	60	1/2" Flange
C2M60-28/ 2N6439	NPN	28	60	10	7.7	400	60	1/2" Flange
C2M-100-28**	NPN	28	100	16	8	400	50	1/2" Flange

\*\* Under development

VHF:- 180-200 MHz								
Type	Polarity	V <sub>CC</sub> (V)	P <sub>OUT</sub> (W)	P <sub>IN</sub> (W)	Power Gain dB	Test frequency MHz	Collector Efficiency %	Package
2N5109	NPN	15	1.2 mW	0.12 mW	10	200	30	TO-39
B12-28/ 2N6198	NPN	12	28	1.0	10.5	175	50	3/8" Stud
B25-28/ 2N6119	NPN	28	25	3.5	8.5	175	50	3/8" Stud
B40-28/ 2N6200	NPN	28	40	6.0	8.3	175	50	3/8" Stud
BM100-28	NPN	28	100	20	7	175	50	1/2" Flange
BF-7-35	N-FET	35	7	0.5	11.5	175		3/8" Flange