

RF DEVICES (contd.)

| UHF - 225 - 400 MHz | | | | | | | | |
|---------------------------|----------|------------------------|-------------------------|------------------------|------------------|-----------------------|---------------------------|-------------|
| Type | Polarity | V _{CC} (V) | P _{OUT} (W) | P _{IN} (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 _{CC} (V) | P _{OUT} (W) | P _{IN} (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 |