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Product Specifications of the New Gallium Nitride (GaN) Power Amplifier Module, the MC-7802

- Recommended bias conditions: VDD = 24 V
- Circuit current: Typ. 365 mA
- Frequency range: 40 to 1,000 MHz
- Linear gain (GL): Typ. 19 dB at f = 1,000 MHz
- Noise figure (NF): Typ. 5 dB
- Output power: Typ. 56 dBmV at 745.25 MHz (110 channels, 10 dB tilt)
- Package: 7-pin hollow plastic package with heat sink
- Lead-free pin contacts

Applications:

Power stage amplifiers for CATV systems using 1 GHz band