Product Preview

MRFIC1870PP/D Rev. 0, 02/2003

3.2 V DCS/PCS GaAs Integrated Power Amplifier





MRFIC1870



Package Information

Plastic Package Case 1308 (QFN-20)

Ordering Information

Device	Device Marking	Package
MRFIC1870	1870	QFN-20

The MRFIC1870 is a single supply, RF power amplifier designed for the 2.0 W DCS/PCS handheld radios. The device is packaged in the QFN-20 package, with exposed backside pad, which allows excellent electrical and thermal performance through a solderable contact.

- Target 3.2 V Characteristics:
 RF Output Power: 32 dBm Minimum
 Efficiency: 42% Minimum
- Single Positive Supply Solution

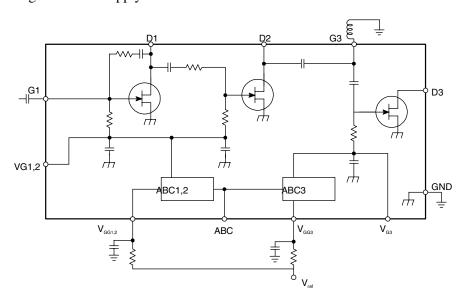


Figure 1. Functional Block Diagram

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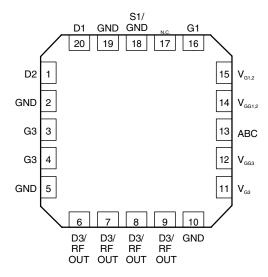


Figure 2. Contact Connections

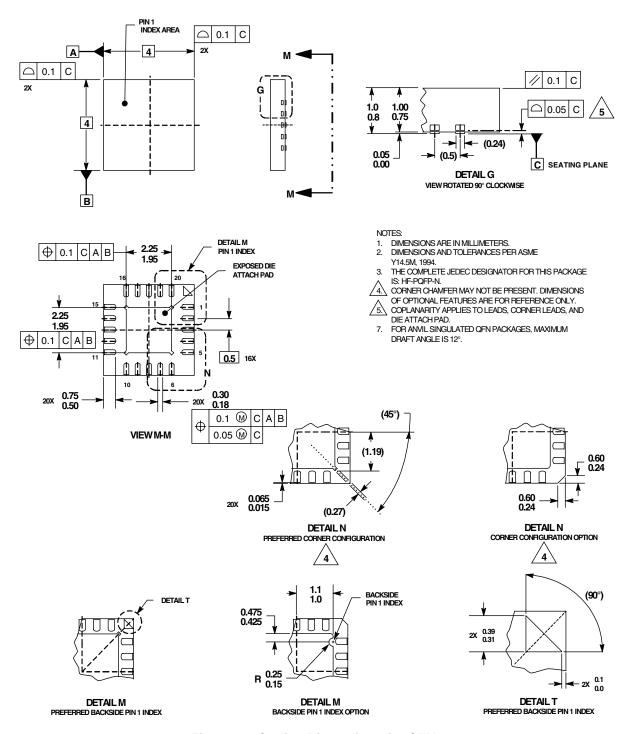


Figure 3. Outline Dimensions for QFN-20 (Case 1308-02, Issue C)

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