

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

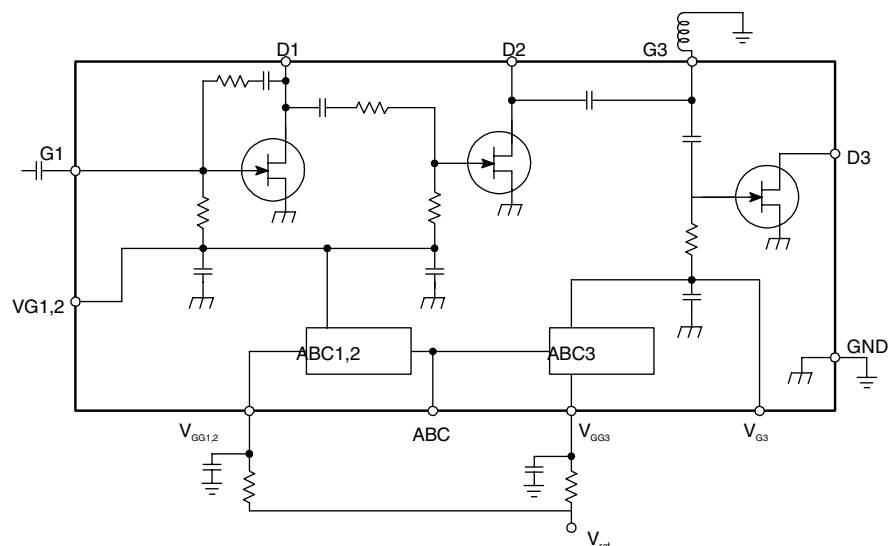


Figure 1. Functional Block Diagram

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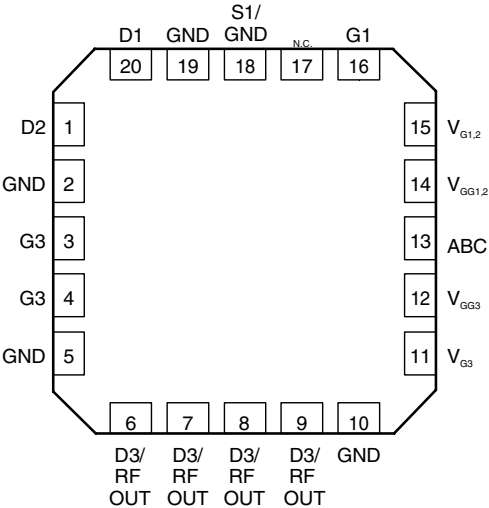
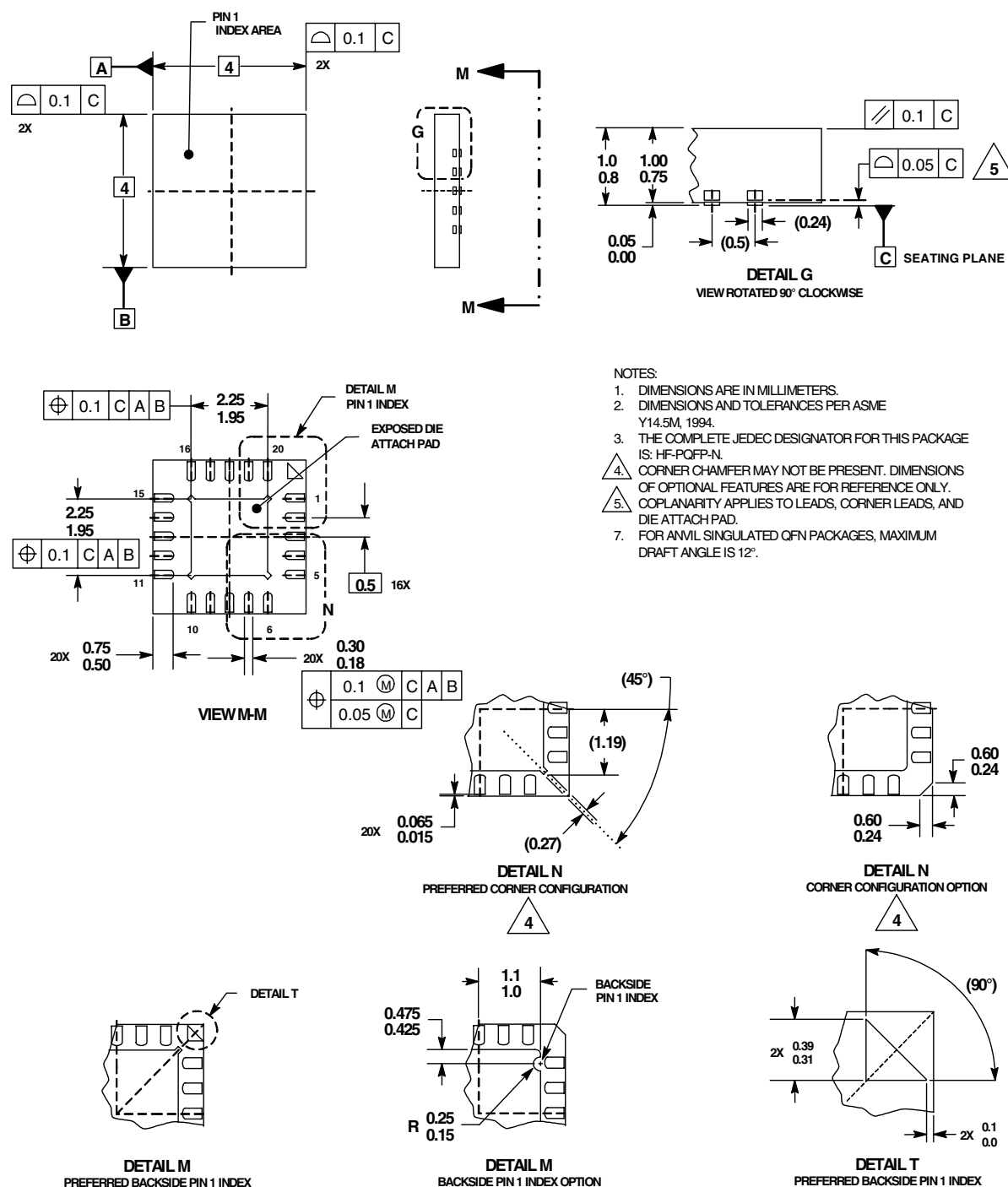


Figure 2. Contact Connections

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

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