

Product Preview

MRFIC1870PP/D
Rev. 0, 02/2003

3.2 V DCS/PCS
GaAs Integrated
Power Amplifier



MOTOROLA
intelligence everywhere™

digital dna™

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

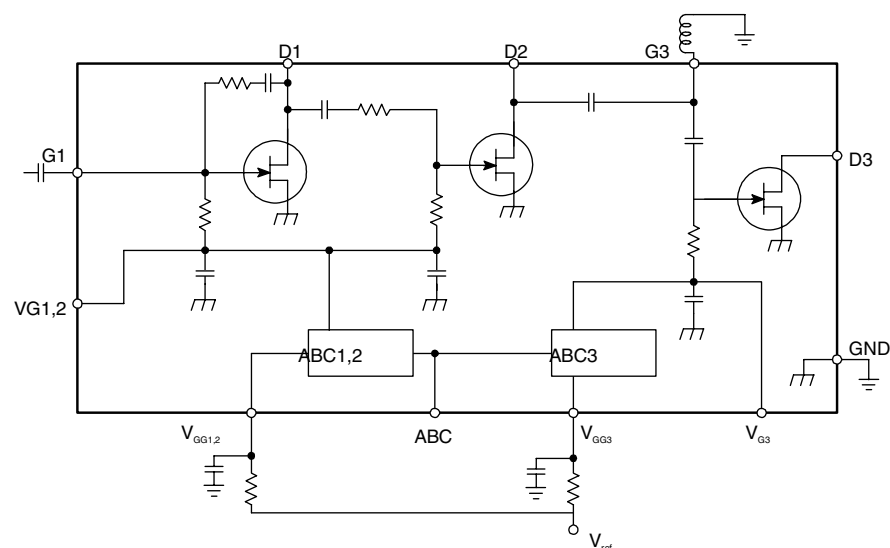


Figure 1. Functional Block Diagram

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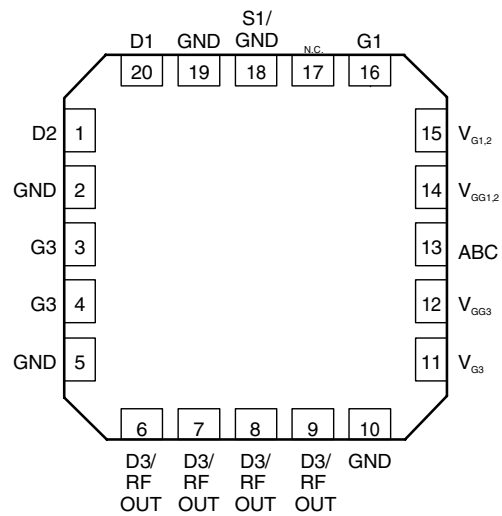
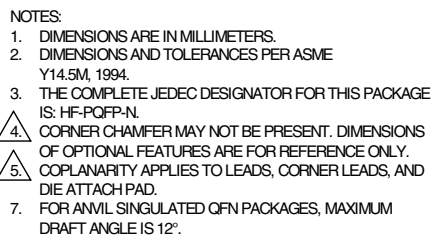


Figure 2. Contact Connections



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