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MRFIC1870

Product Preview 3.2 V DCS/PCS GaAs Integrated Power Amplifier

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

DCS 1710 – 1785 MHz PCS 1850 – 1910 MHz INTEGRATED POWER AMPLIFIER

> SEMICONDUCTOR TECHNICAL DATA

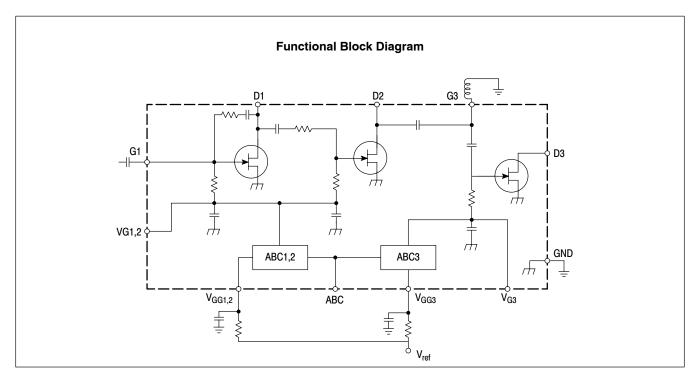


(Scale 2:1)

PLASTIC PACKAGE CASE 1308 (QFN-20)

ORDERING INFORMATION

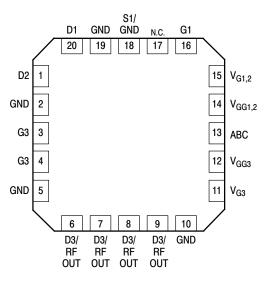
| Device | Device Marking | Package |
|-----------|----------------|---------|
| MRFIC1870 | 1870 | QFN-20 |



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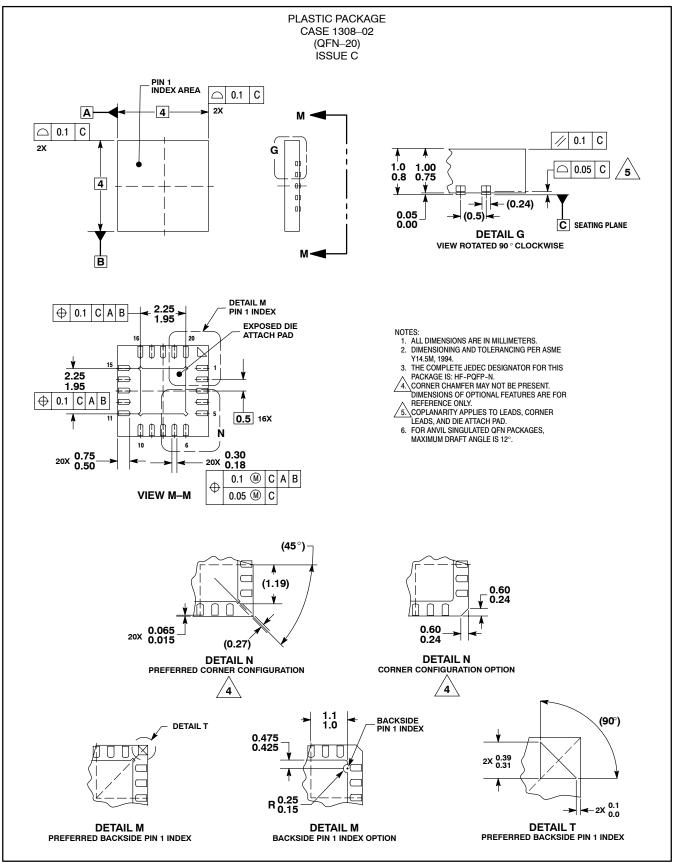
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CONTACT CONNECTIONS



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OUTLINE DIMENSIONS



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