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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

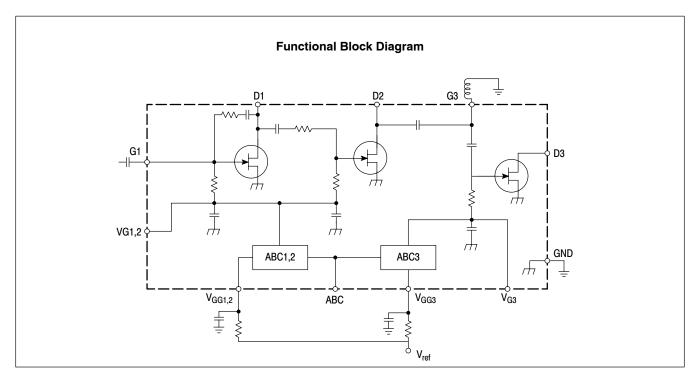


(Scale 2:1)

PLASTIC PACKAGE CASE 1308 (QFN-20)

#### **ORDERING INFORMATION**

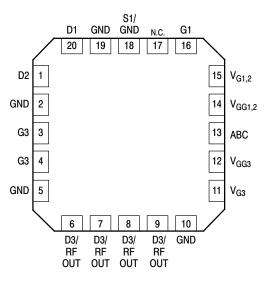
Device	Device Marking	Package
MRFIC1870	1870	QFN-20



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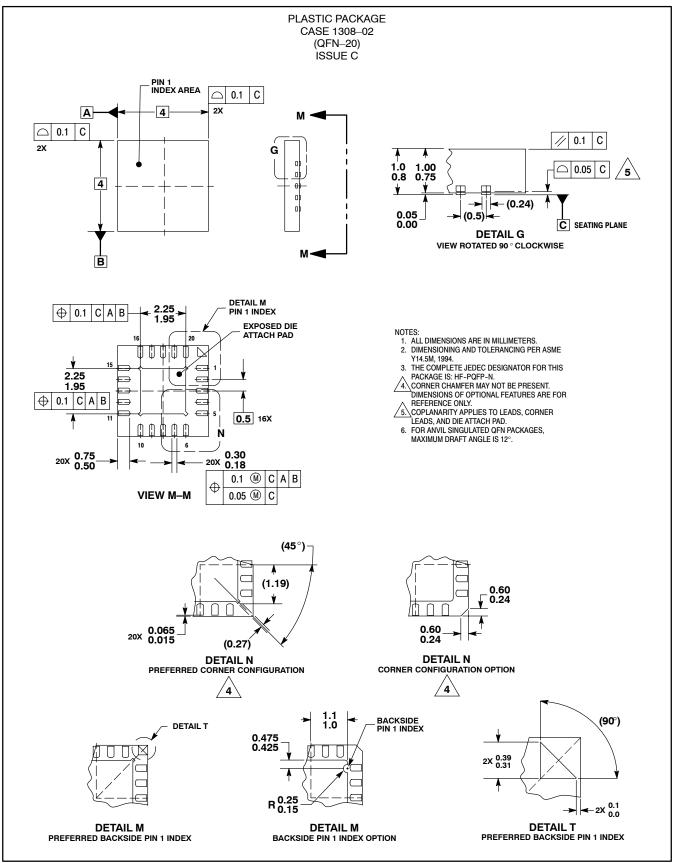
## MRFIC1870

#### CONTACT CONNECTIONS



### **MRFIC1870**

### **OUTLINE DIMENSIONS**



#### **MRFIC1870**

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#### How to reach us:

USA/EUROPE/Locations Not Listed: Motorola Literature Distribution; P.O. Box 5405, Denver, Colorado 80217. 1–303–675–2140 or 1–800–441–2447

Technical Information Center: 1-800-521-6274

HOME PAGE: http://www.motorola.com/semiconductors/



JAPAN: Motorola Japan Ltd.; SPS, Technical Information Center, 3–20–1, Minami–Azabu. Minato–ku, Tokyo 106–8573 Japan. 81–3–3440–3569

ASIA/PACIFIC: Motorola Semiconductors H.K. Ltd.; Silicon Harbour Centre, 2, Dai King Street, Tai Po Industrial Estate, Tai Po, N.T., Hong Kong. 852–26668334

