

# RF2324 PCS CDMA/TDMA 3V PA DRIVER AMPLIFIER

RoHS Compliant & Pb-Free Product Package Style: MSOP-8

### **Features**

- Low Noise and High Intercept Point
- Power Down Control
- Single 2.5V to 6.0V Power Supply
- 150 MHz to 2500 MHz Operation
- Extremely Small MSOP-8 Package

## **Applications**

- TDMA/CDMA/FM PCS Tx Amplifier
- Low Noise Transmit Driver Amplifier
- 2.4 GHz WLAN Systems
- ISM Band LNA/Driver
- General Purpose Amplification
- Commercial and Consumer Systems



Functional Block Diagram

# **Product Description**

The RF2324 is a low noise CDMA/TDMA PA driver amplifier with a very high dynamic range designed for transmit digital PCS applications at 1880MHz. The device functions as an outstanding PA driver amplifier in the transmit chain of digital subscriber units where low transmit noise power is a concern. The IC includes a power down feature that can be used to completely turn off the device. The IC is featured in a standard miniature 8-lead plastic MSOP package.

#### **Ordering Information**

RF2324PCBA-41X Fully Assembled Evaluation Board

### **Optimum Technology Matching® Applied**

🗹 GaAs HBT	□ SiGe BiCMOS	🗌 GaAs pHEMT	🗌 GaN HEMT
GaAs MESFET	Si BiCMOS	🗌 Si CMOS	
🗌 InGaP HBT	SiGe HBT	🗌 Si BJT	

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