Applications

- IEEE802.16e WiMAX™
- Mobile Computing

Features

- 24.5 dBm output power, at 3.3V, meeting WiMAX Forum spectral mask.
- Integrated PA with step attenuator and power detector, LNAs, TX filters, Switches
- All RF ports matched to 50 Ω
- Supply voltage: 2.9 V – 4.2 V
- Small lead free, ROHS and halogen free compliant package, 6 mm x 6 mm x 1.1 mm, MSL 3
- Coexistence with cellular radios

Product Description

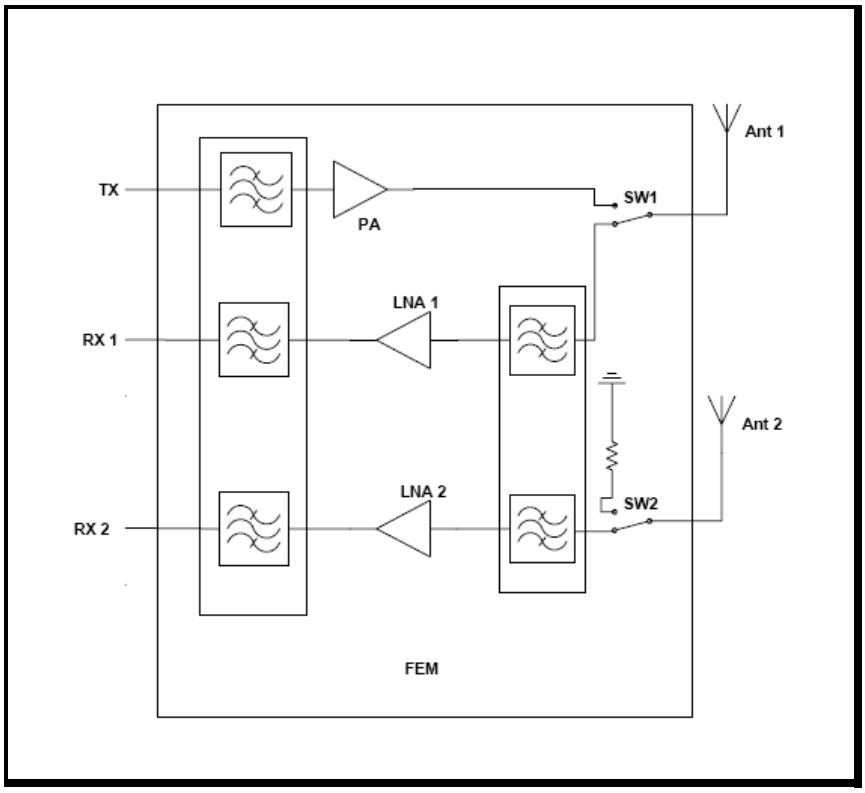
The SE7261A is a complete 2.5-2.7 GHz high performance WiMAX Front End Module (FEM) designed for high power efficiency, and for coexistence with UMTS radios.
The module is designed to operate with 1 transmit chain and 2 receive chains, supporting Wave 2 operation of WiMAX Forum certified devices.

The SE7261A integrates a power amplifier, two low noise amplifiers, and antenna switches. It also includes filtering for co-existence with cellular radios

Ordering Information

Part No.	Package	Remark
SE7261A	26 pin LGA	Samples
SE7261A-R	26 pin LGA	Tape and Reel
SE7261A-EK1		Evaluation kit

Functional Block Diagram: **Figure 1: Functional Block Diagram.**



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Product Preview
The datasheet contains information from the product concept specification. SiGe Semiconductor, Inc. reserves the right to change information at any time without notification.

Preliminary Information
The datasheet contains information from the design target specification. SiGe Semiconductor, Inc. reserves the right to change information at any time without notification.

Production testing may not include testing of all parameters.

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ISO 9001 BUREAU VERITAS Certification