

Package: 14 pin, 2 mm x 2 mm x 0.55 mm

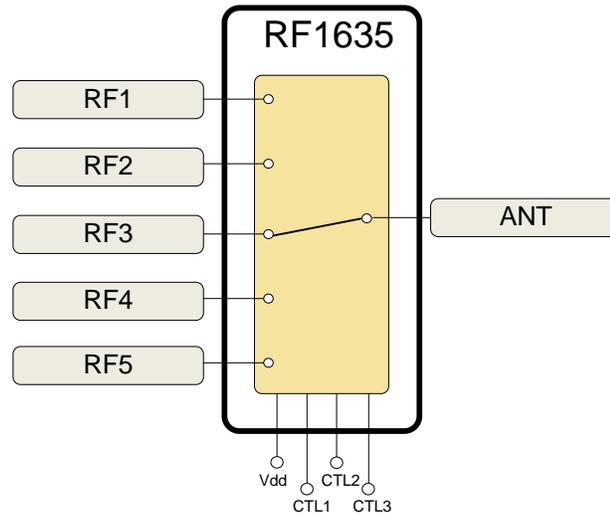


**Features**

- Excellent insertion loss and isolation performance
  - 0.40 dB Typ IL for Band 5
  - 32 dB Typ Isolation, Band 5
- Multi-Band operation 700MHz to 2700MHz
- GPIO compatible to 1.8V typ (1.3V min)
- Power handling +32dBm into 50ohms
- Compact 2mm x 2mm in QFN package
- No DC blocking capacitors required (unless external DC is applied to the RF ports)

**Applications**

- Cellular Handset Applications
- Cellular modems and USB devices
- Multi-Mode WCDMA, LTE Applications



Functional Block Diagram

**Product Description**

The RF1635 is a low loss, high isolation SP5T switch with performance optimized for CDMA, WCDMA & LTE applications requiring high linearity. The RF1635 is compatible with +1.3V control logic, which is a key requirement for most cellular transceivers. This part is packaged in a compact 2mm x 2mm, 14-pin, QFN package which allows for a small solution size with no need for external DC blocking capacitors (when no external DC is applied to the device ports).

**Ordering Information**

RF1635SB	5-pc Sample Bag
RF1635SQ	25-pc Sample Bat
RF1635SR	100-pc 7" Reel
RF1635TR7	2500-pc 7" Reel
RF1635PCK-410	Fully Assembled Evaluation Board and 5-pc Sample bag

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# RF1635



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