

SC1887-EVK500: SC1887-03 Evaluation Kit UHF Digital Terrestrial Broadcast

General Description

The SC1887-EVK500 is an engineering development tool used for the evaluation of Scintera's SC1887-03 Radio Frequency Power Amplifier Linearizer (RFPAL) SoC for the UHF digital terrestrial broadcast market. This kit consists of a reference PCB layout with all required RF components, delay line, and connectors. The SC-USB-SPI is available separately from Scintera or a National Instruments NI-USB-8451 may be used to interface the board to a USB enabled PC running Microsoft Windows. Windows PC software, release notes and a hardware design guide are also provided on CDROM and via FTP download. All one needs for evaluation testing is a PA module, signal generator, intermediate stage driver amplifier(s), couplers, and attenuators as required to set RF levels.

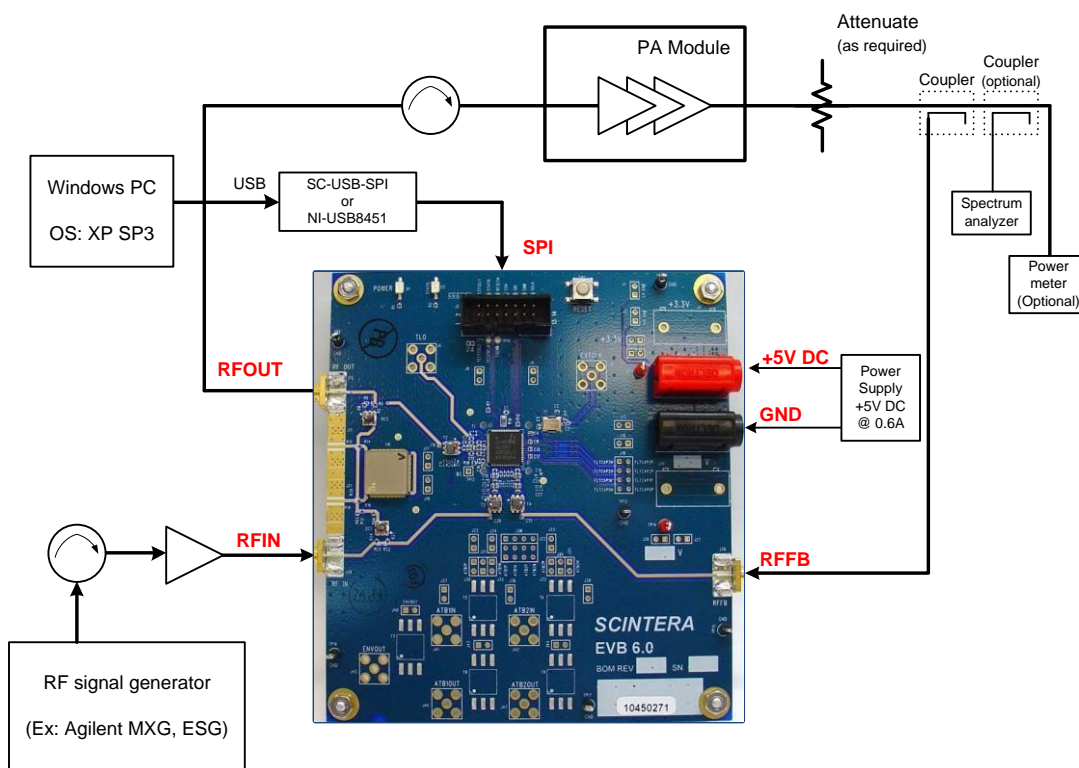


Figure 1: SC1887-EVK500

Operating Temperature Range: -40 to +75 °C

Product Ordering Information

| Part Number | Description |
|---------------|---|
| SC1887-EVK500 | Eval Kit, Frequency Range (470-862 MHz) |
| SC-USB-SPI | Adapter, SPI-USB Interface/Controller |

Contact Information

For additional information, please contact Scintera Sales at:
1154 Sonora Court, Sunnyvale, CA 94086 • 408-636-2600 • <http://www.scintera.com>

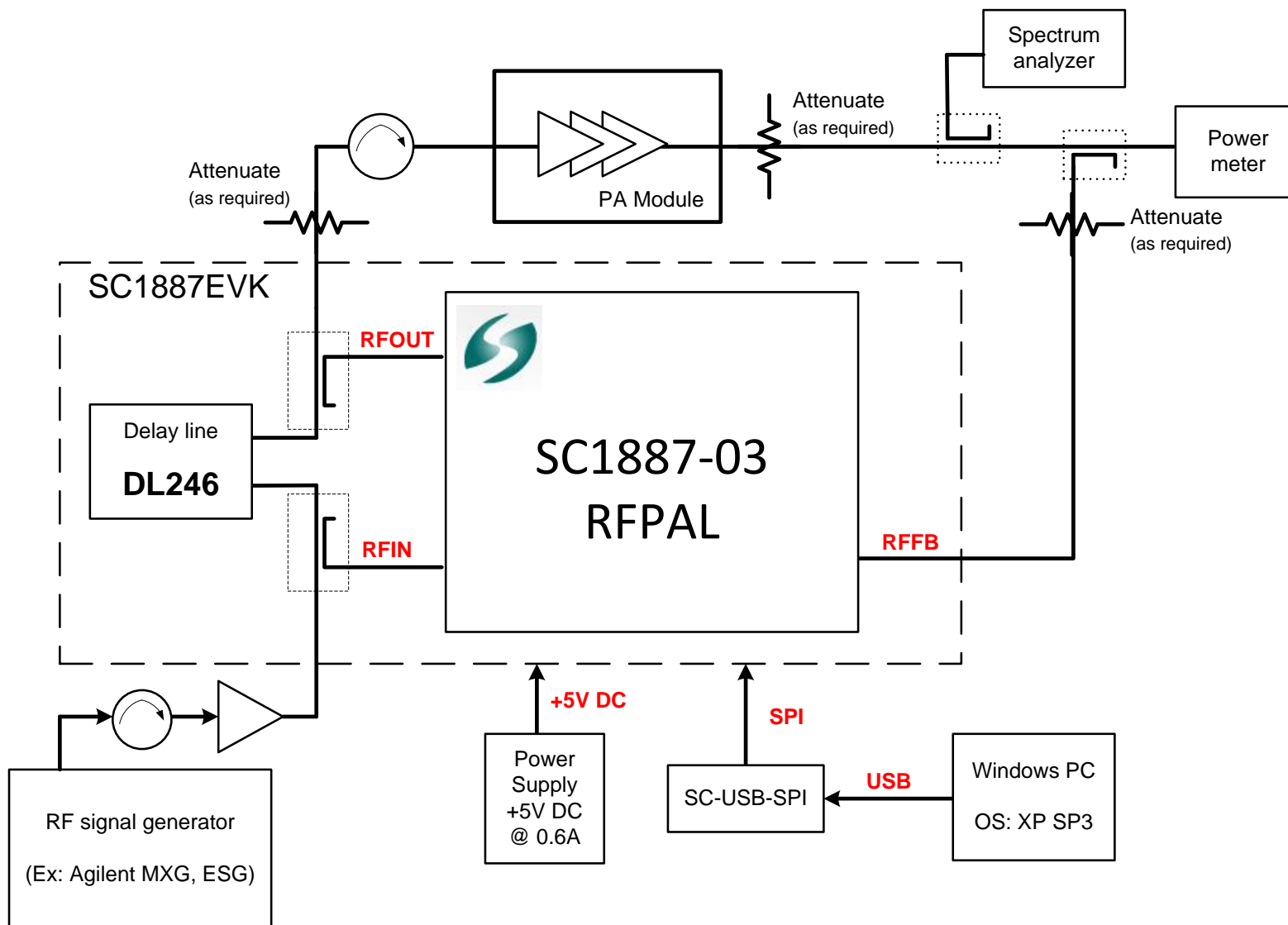


Figure 2: Detailed SC1887-EVK500 Connection Diagram