

Silicon ATE expansion: RFIC tester



MODEL MP5806

Feature

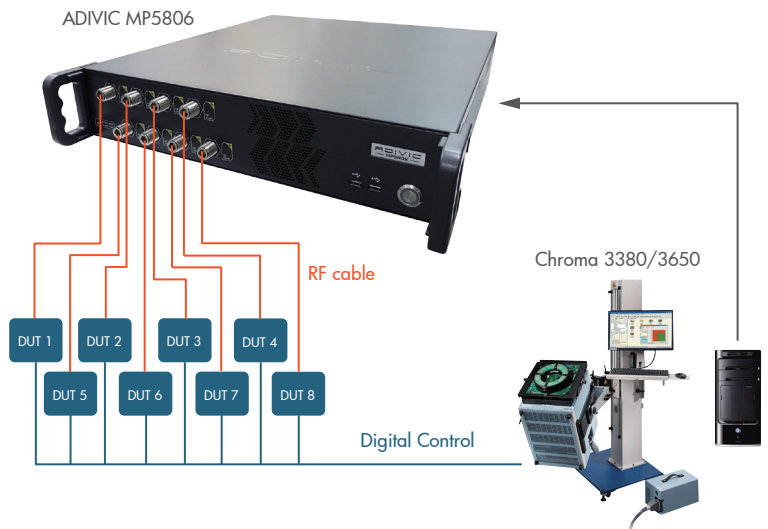
MP5806 offers an upgrade option of RFIC testing for the Chroma VLSI and SoC test systems 3380/3650.

Major Application

- IoT connectivity transceiver
 - > Wi-Fi (802.11 a/b/g/n/ac/ax)
 - > Bluetooth/BLE/BT5
 - > IoT (Zigbee, Z-Wave, 802.11 j/p/af/ah)
 - > LPWAN: NB-IoT, LoRa
- Radio broadcast receiver
 - > TV Tuner
 - > DVB Tuner
 - > FM Tuner
- GNSS receiver
 - > GPS
 - > BeiDou
 - > Glonass
 - > Galileo

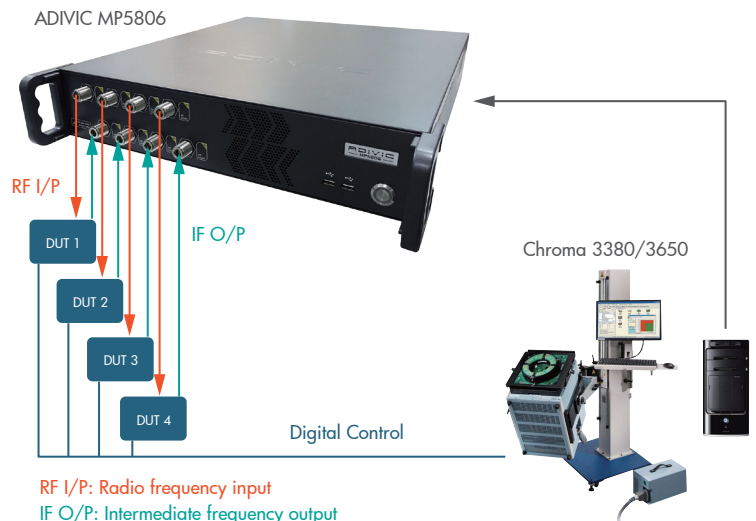
Use case 1

IoT communications: Testing RF TRX



Use case 2

Broadcast & GNSS: Testing RF input & IF output



ADIVIC
RF TEST & MEASUREMENT

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From design to production



Total solution: RF/digital/analog/mixed-signal IC

MP5806: RF capacity

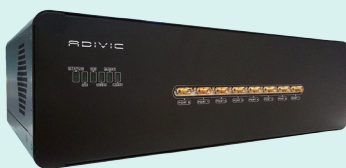
- > 4-port, 8-port parallelism
- > BW: 120MHz
- > Frequency range: 300 KHz ~ 6000 MHz



ADIVIC MP5806

CAL100: Automated RF calibration

- > Cable loss calibration
- > Precision power meter



ADIVIC CAL100

3380/3650: Digital capacity

- > 50/100 MHz clock rate
- > Up to 1024 I/O pins
- > Up to 128 CH DPS
- > Up to 1024 site parallelism



Chroma 3380/3650