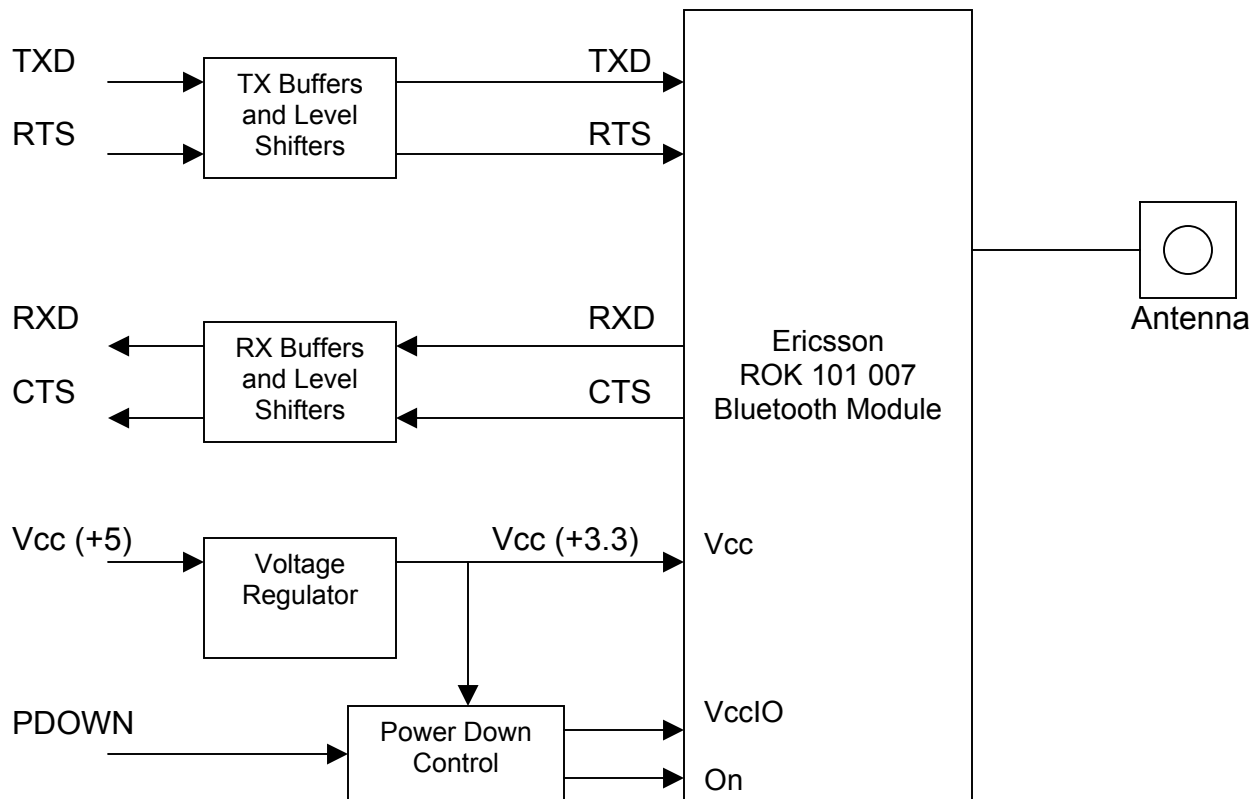


CC15727-1 BLUETOOTH MODULAR RADIO BLOCK DIAGRAM

January 11, 2002

Bob Heon



The CC15727-1 module digital interface is at 5-volt CMOS levels. The Ericsson ROK 101 007 module digital interface is at 3.3-volt CMOS levels. All inputs to the CC15727-1 module are buffered. Additional buffering is present at the inputs of the ROK 101 007. There is a voltage regulator on the CC15727-1 module that steps down from 5 volts to 3.3 volts. There is additional voltage regulation on the ROK 101 007 module. The Ericsson module is self-resetting at power-up.