

SAA5968-06 interface PCB and SAA5968-07 Sensor PCB used on MXD-430 panel

This board contain an RFID transceiver chip TRF7970A manufactured by Texas Instruments and is designed to operate at a distance of a few centimeters. The block diagram of the chip, as found in the data sheet by TI, is shown below:

System Block Diagram

Figure 6-2 shows a block diagram of the TRF7970A.

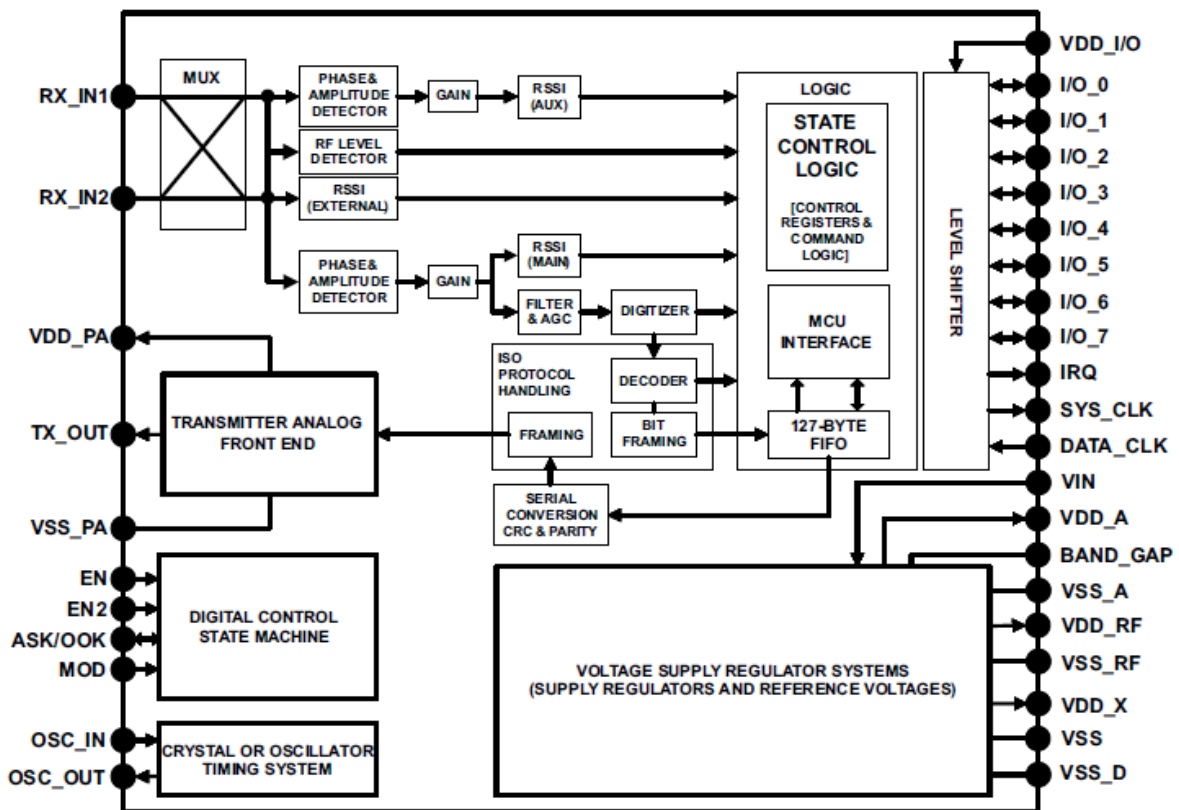


Figure 6-2. System Block Diagram

List of Antennas to be used on transmitter:

- The antenna system consists of a PCB loop antenna. The design was provided by Texas Instruments to work with the transceiver chip TRF7970A. See picture below for details:

