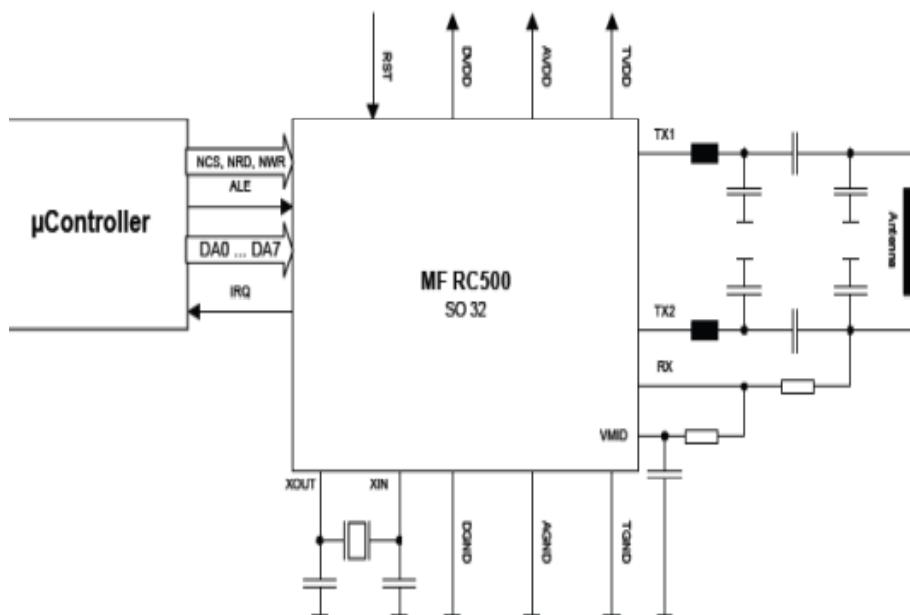


Mifare Card Reader

- Operating Configuration
 - Transceiver : MFRC500 CMOS Chip
 - Carrier Frequency : 13.56MHz
 - Data Transmission : 100% AM Modulation
- Circuit Diagram



- Operation Procedure
 - Microprocessor sets SRT to LOW level to activate MFRC500.
 - MFRC500 emit RF field with 13.56MHz carrier.
 - It starts to demodulation any AM signal seen on the antenna within 55msec.
 - Microprocessor detects no card within 55msec then deactivate MFRC500.
 - Microprocessor executes every 200msec above procedure.