RFID READER
BLOCK DIAGRAM

PCB
Loop Antenna

Z-Matching
Circuit

13.56MHz

TX_OUT

RX_IN

RFID Chipset

Texas Instruments
TRF7960

13.56 MHz
Crystal

6-pin Conn.

Power (+5VDC)

Host UART transmit

Host UART receive

115,200bps
8 bits, 1 stop
no parity
3.3V level