Description:

1. RX antenna receive the RF signal of tag, nRF24l01 decode the data of tag, and send the data to ARM IC LPC2364 via SPI .   LPC2364 check the data is ok, and send the data to RS232 port or Ethernet port.    And flash red LED or driver buzzer
2. The SP3232E is interface circuit of RS232 . The DM9161A is interface circuit of Ethernet .
3. LPC2364 send data to MCU Atmega8 via serial port. MCU Atmega8 send data to nRF24L01 via SPI.   nRF24L01   encode data   to FSK and send the 2.4ghz FSK signal radio frequency to air from antenna.
4. FM25l256 is EEPROM. It store the data

Note: The EUT's modulation mode is GFSK and has two antennas. The one is for transmit antenna and the other one is receiver antenna only. It's not multiple input & multiple output.