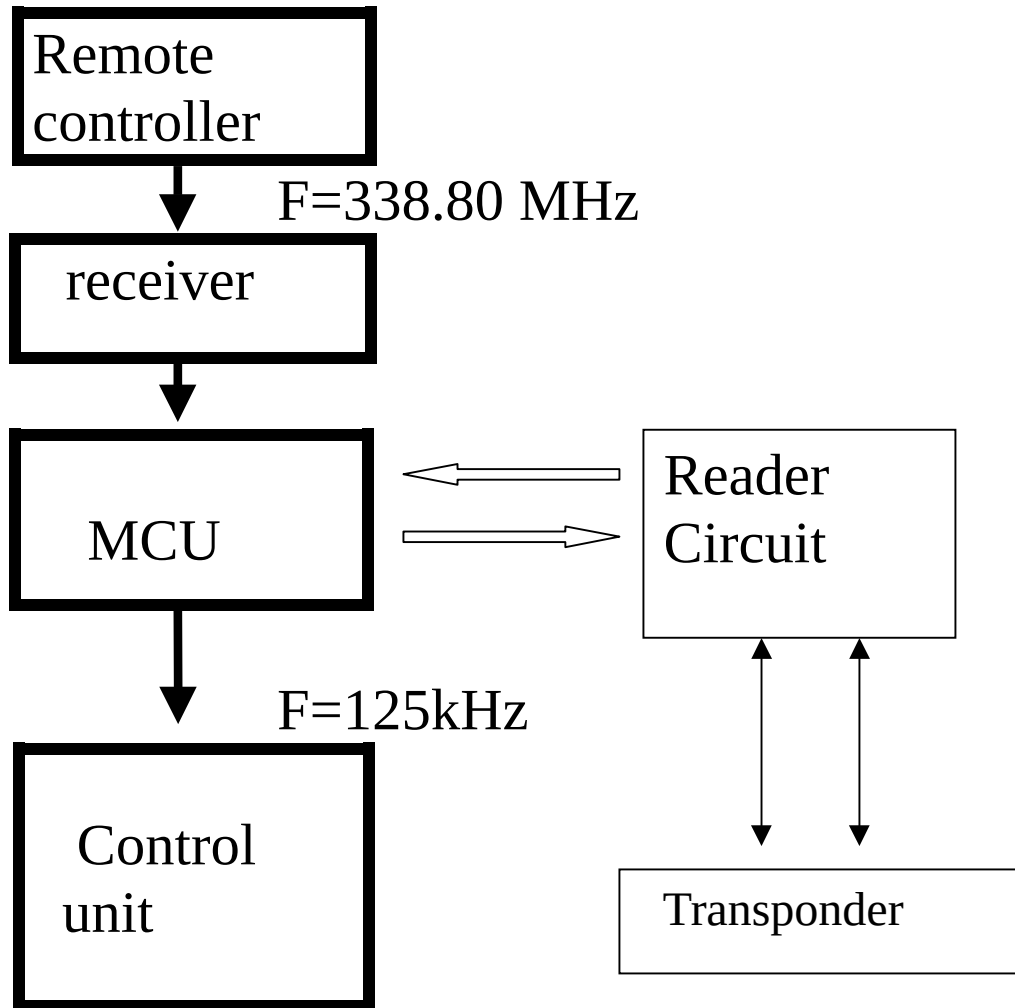
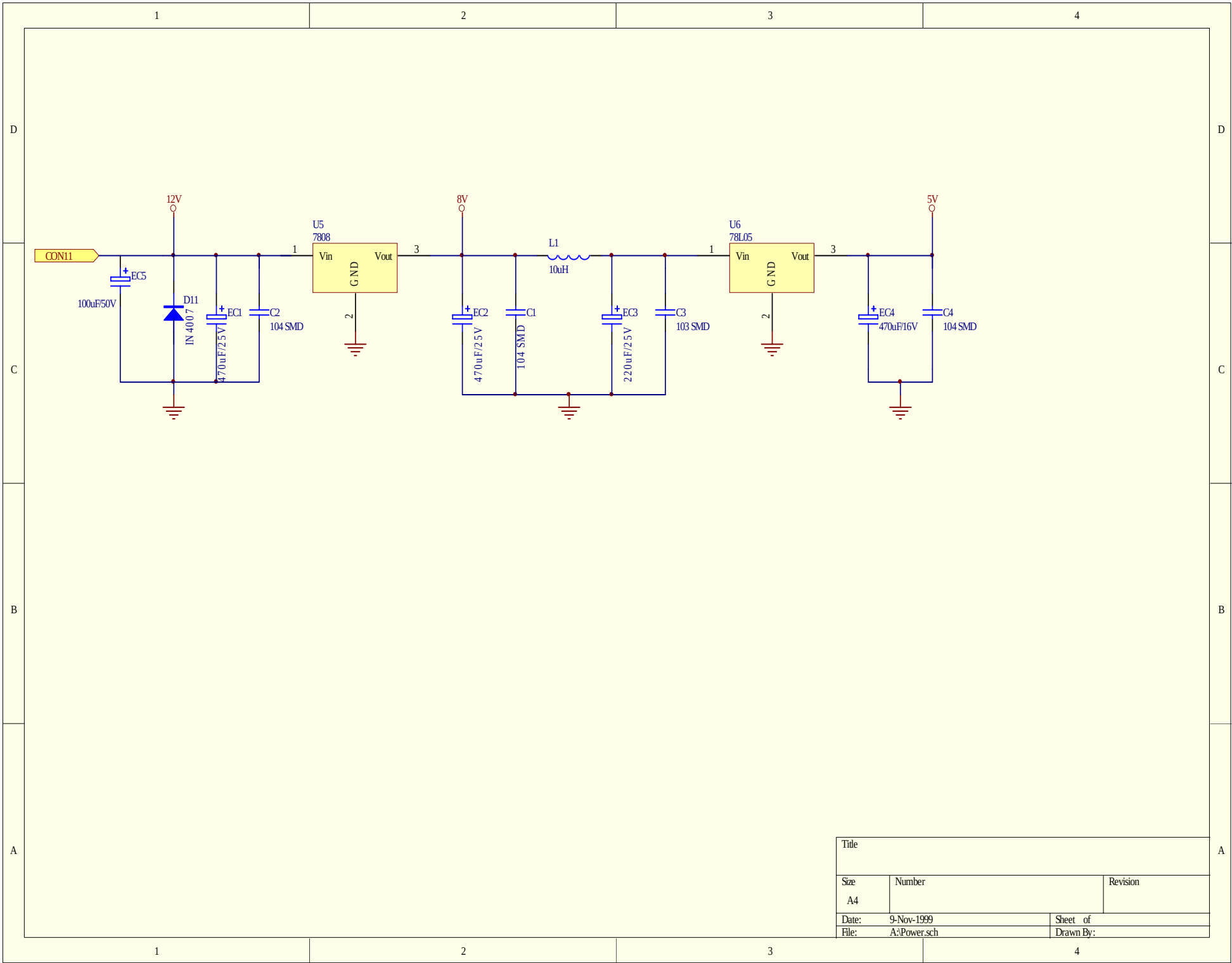






This is reader system.

The U2270B enables a MCU to read and to process the identifier or the key code from a transponder.

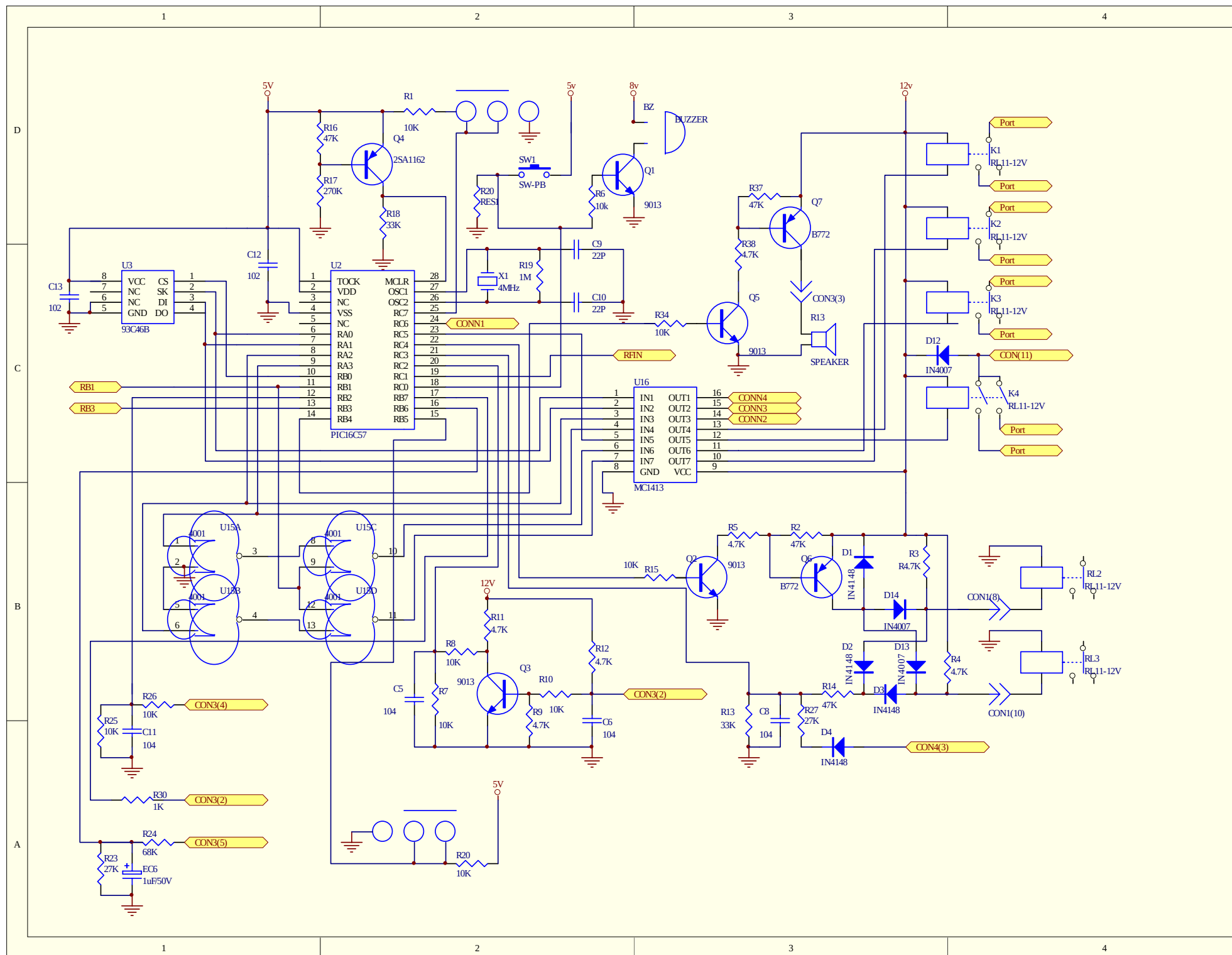
K4, K5, K6, and K7 are used for resonant frequencies.

CON5 (3), CON5 (1) is connected to pickup coil.

PORT (RB3) output Manchester code.

PORT (RB1) enable U2270B.

CONN1, CONN2, CONN3, CONN4, it controls K4, K5, K6, K7.



PIC16C57 (U2) is a microcontroller.
It decodes code hopping and Manchester code

93C46B(U3) is an eeprom.
It stored the serial number, synchronization information and decryption key.

CON3 detect the ignition.

CON3 detect the brake light input for locking doors

CON3 detect the door state (lock or unlock).

SW1 learning button.

Q2, Q6 controls lock circuit.

CON4 connect with shock sensor.

CON3 connect with an LED, it indicate the system enter armed state or learn state.

Q5, Q7 connect with an alarm speaker.

K1 trunk release outputrelay.

K2, K3 door lock and unlock relays

K4 flashing lights relay