Brain - block Diagram

Antenna(Helical Type)
RX/TX Common use

RX/TX Switching

(Receiving frequency : 413.3   (Transmitting frequency : 434

Block A (RF receiving)   **Block B (RF transmitting)**

A1
RF amplify

A2
High pass filter

A3
1st mixxer and middle frequncy amplify

A4
1st middle frequncy filter

A5
2st Local oscillation

A6
2st mixxer

A7
FM detection and audio frequncy filter

AB1
Low pass filter

AB2
RF buffer

AB3
Band pass filter

AB4
Local oscillation

B1
Low pass filter

B2
2st amplify

B3
Low pass filter

B4
1st amplify

B5
Modulation

Block C (Logic)

C1
RX data Input TX data output switching

C2
Regulator(5V)

C3
Battery(12V)

Micro-Controller (PIC16C74B)

CPU

C4
RF Power switching

C5
Real time clo

C6
Siren out,
LED out, Trunk release out, Starter kill ou

C7
Door sesing in, Shock sensing in
Hood sesing in, Ign(Key) sesing in