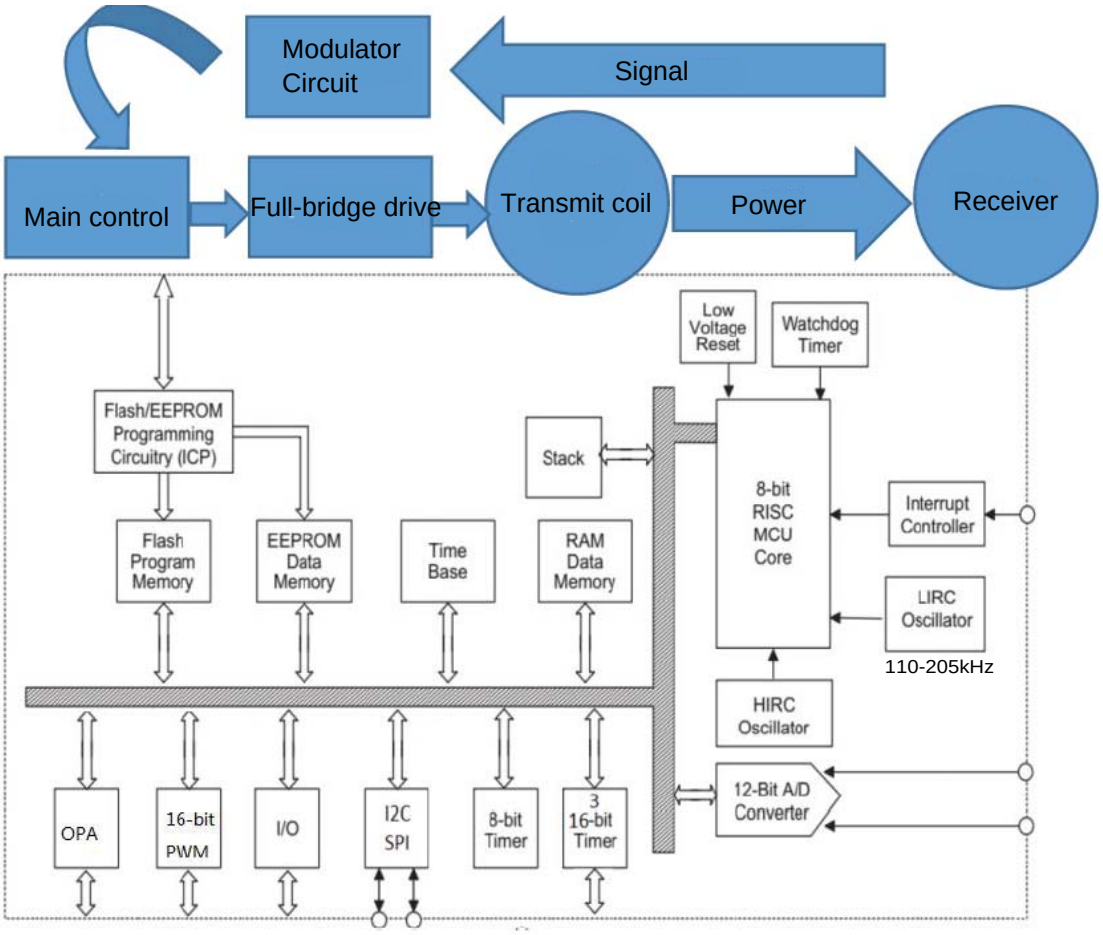
Modulator Circuit
Signal
Main control
Full-bridge drive
Transmit coil
Power
Receiver
Low Voltage Reset
Watchdog Timer
Flash/EEPROM Programming Circuitry (ICP)
Stack
8-bit RISC MCU Core
Interrupt Controller
Flash Program Memory
EEPROM Data Memory
Time Base
RAM Data Memory
LIRC Oscillator
110-205kHz
HIRC Oscillator
OPA
16-bit PWM
I/O
I2C SPI
8-bit Timer
3 16-bit Timer
12-Bit A/D Converter