

ASUS-RX

ASUS-8037-RX includes a MCU EM78P611 and a RF Module EM198850. It is connected via the SPI communication; MCU is a host, The MCU has a crystal of 6MHz and the RF Module has a crystal of 12MHz. The RF antenna is on the PCB board of the module.

The EM78611 is a series of 8-bit Universal Serial Bus (USB) RISC architecture, Multi-Time Programming (MTP) microcontrollers. It is specifically designed for USB low speed device application. The EM198850H/AW is a CMOS integrated circuit that performs all functions from the antenna to the microcontroller for transmission and reception of a 2.4GHz digital data. This transceiver IC integrates most of the functions required for data transmission into a single integrated circuit.