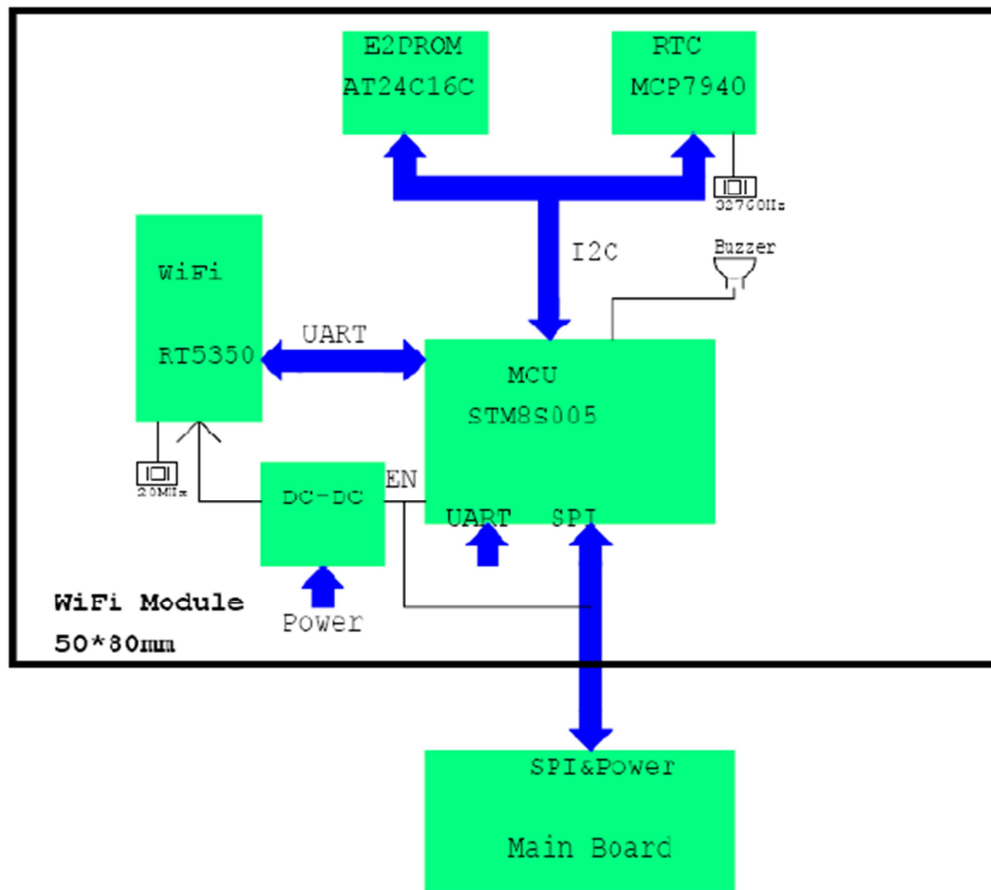


Circuit description

This circuit is a module for sending message to internet through WiFi. The WiFi is working on 2.4G, and follow IEEE802.11b/g/n(HT20) standard. The message is send from Main Board, MCU will get the message through UART port, then send it to internet through WiFi circuit part.



1. MCU circuit

Receive message from SPI and send it to WiFi circuit. It also store the message in the EEPROM when the internet is not available. it sound though a buzzer when something wrong. It get the real time from RTC circuit.

2. DC - DC circuit

Supply 3.3V power for the WiFi circuit. It is controlled by MCU.

3. WiFi circuit

Send the message to internet through Access Point. It work in 2.4GHz and support IEEE802.11b/g/n(HT20) standard. It can't support HT40.