The description of QRF900 working principle

After the chip CPU (IC1 ATmega324pv-10au) electrifies, it will be made the initialize setting and display the interface. Then wait for the importing single of pressing button through user. The system will enter the sleep mode automatically after 15 seconds if it doesn't import the single, and then the screen will be closed, if it receives the single, that can be displayed the information of the user importing. The single will be sent out through CC2500, when the user sends answers or login to the system. Then it will enter the receive state and wait the feedback information. When the host receives the single, it will judge whether the single is correct. If the single is correct, the host will transmit it to upper layer software in the computer, which will response and feedback the information to the host in according to the practical running and state. At last, the host will transmit the single to the student keypad and the instruction keypad. The keypads will prompt for the user operation if it's success or failure which the overtime causes.