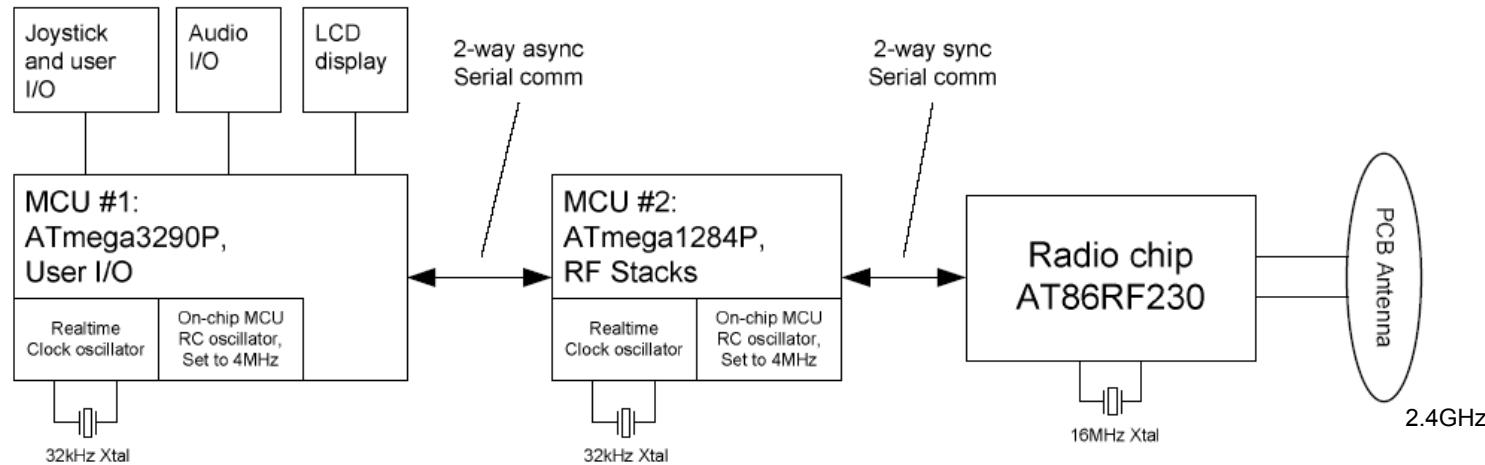


**Figure 3-1 AVRRAVEN overview**



The AVRRAVEN hardware is based on 2 microcontroller and one radio transceiver chip. The ATmega3290P handles the sensors and the user interface and the ATmega1284P handles the AT86RF230 radio transceiver and the RF protocol stacks. The MCUs and the radio communicate via serial interfaces.