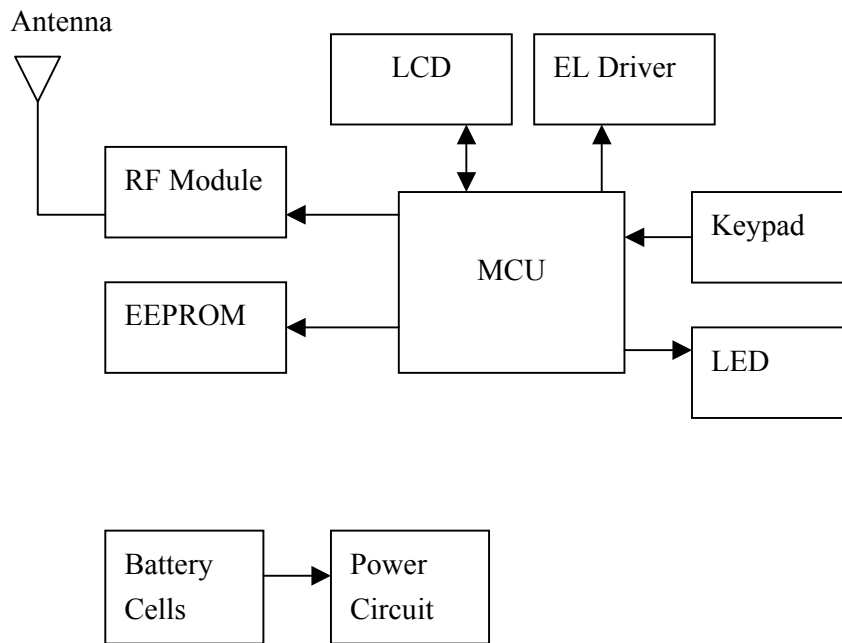


PDA pool/spa wireless remote controller handheld (model 8265) Block Diagram



Circuit Description.

The PDA handheld is part of a wireless remote controller system for transmitting and receiving control signal to and from a PDA J-Box.

It uses 2 AA battery cells and the input is stepped up to 3.5V and another regulator gives a 3.3V which will be used in the circuit. If the device has been inactive for a certain period of time, the device will turn off and enter a sleep mode.

It includes an LCD with EL backlight, an EEPROM for data storage, a Keypad and LEDs for user interface and an RF module. The frequency of operation is in the range of 902-928MHz. The modulation used is FSK with 10kHz deviation.