

Home Security System with 2 PIR Sensors, LCD User Interface and Piezo Buzzer

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AVR Project for Microprocessor Techniques and Embedded Systems

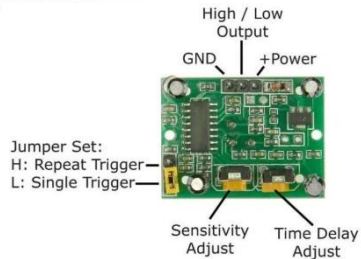


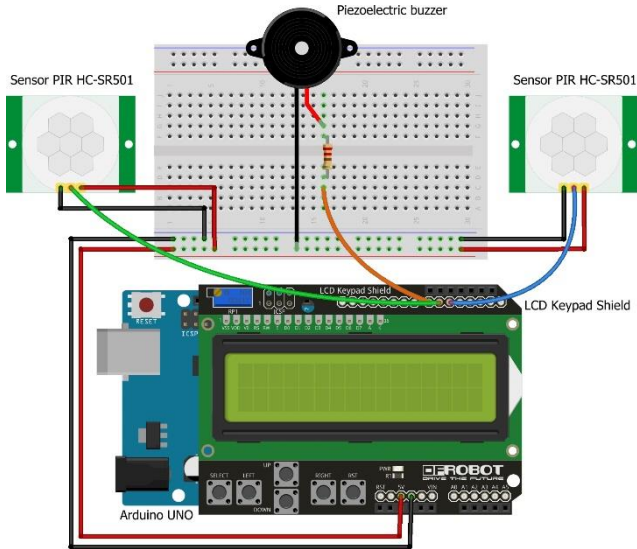
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- This AVR Project presents the implementation of a Home Security System using commercially available electronical components, which will be adapted and after controlled by a microcontroller ATmega328P.

Components

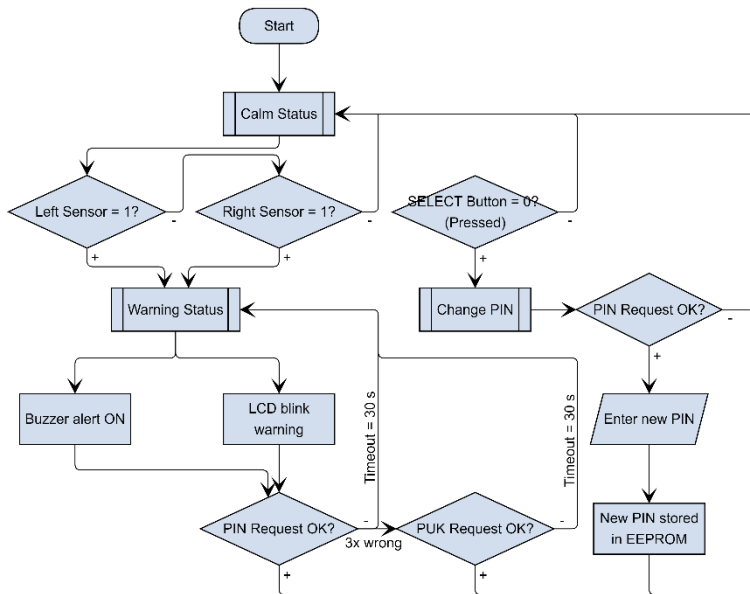
- 2 PIR Sensors HC-SR501
- Arduino LCD Shield
- Piezoelectric Buzzer
- Arduino UNO R3 ATmega328P
- Breadboard
- Resistors
- Male-male & Male-female wires





fritzing

Program flowchart



Created with yED Graph Editor



Youtube link:

<https://youtu.be/nknj1tl5YVQ>

Github link:

<https://github.com/jhonybenites/AVR-project>