**List of Abbreviations**

RISC Reduced Instruction Set Computing

RPi Raspberry Pi

IC Integrated Circuit

LED Light Emitting Diode

RTC Real Time Clock

PIR Passive Infra Red

LDR Light Dependent Resistor

SoC System On a Chip

GPU Graphics Processing Unit

UART Universal Asynchronous Receiver/Transmitter

I2C Inter-Integrated Circuit

GND Ground

LCD Liquid Crystal Display

PCB Printed Circuit Board