**LIST OF ABBREVATIONS**

**ARM** Advanced RISC Machine

**AMBA** Advanced Microcontroller Bus Architecture

**ASB** Advanced System Bus

**AHB** High Performance Bus

**API** Application Programming Interface

**CPI** Clock Per Instruction

**CISC** Complex Instruction Set Computer

**GUI** Graphical User Interface

**FTDI** Future Technology Devices International

**I2C** Integrated - Integrated Circuit

**LED** Light Emitting Diode

**LDR** Light Dependent Register

**PWM** Pulse Width Modulation

**Vin** Power In

**ANALOG IN** Analog In