Library functions

1. IO read and write

```
// read the data from the base
IORD ALTERA AVALON PIO DATA(BASE);
// write the data to the base
IOWR ALTERA AVALON PIO DATA (BASE, DATA);
// Bases
// SWITCHO BASE
// SWITCH1_BASE
// KEYO BASE
// KEY1 BASE
// LEFTREADY BASE
// RIGHTREADY BASE
// LED BASE
2. AIC23 setting (aic23.c)
// Initializes AIC to default
void AIC23 init()
// reset AIC23
void AIC23_reset()
// Update the AIC23 setting
void AIC23 config(int address, int setting)
/*AIC configuration function: Update all control registers*/
void AIC23 demo()
// Set the AIC23 sampling frequency
void AIC setFreq(int sampleRate)
3. UART communication (uart.c)
/*Send char value through UART */
void uart sendByte(char data)
/*Send integer value through UART */
void uart sendInt16(alt 16 data)
/*Send float value through UART */
void uart sendFloat(float data)
/*Receive the data from UART */
void uart byteRecv(void)
```