

## class SensorBar

```
SensorBar( uint8_t, uint8_t, uint8_t, uint8_t );
uint8_t begin( void );
uint8_t getRaw( void );
int8_t getPosition( void );
uint8_t getDensity( void );
void setBarStrobe( void );
void clearBarStrobe( void );
void setInvertBits( void );
void clearInvertBits( void );

void reset( void );
void debounceConfig( uint8_t );
void debounceEnable( uint8_t );
void enableInterrupt( uint8_t, uint8_t );
unsigned int interruptSource( void );
void configClock( uint8_t, uint8_t, uint8_t, uint8_t );
```

## class CircularBuffer

```
CircularBuffer( uint16_t );
~CircularBuffer();
int16_t getElement( uint16_t );
void pushElement( int16_t );
int16_t averageLast( uint16_t );
uint16_t recordLength( void );
```