

LDR_Module

Module Responsibility

Module Responsibility :

- acquiring raw analog light intensity readings
- converting them into a normalized light level representation
- Provide reading to the application layer

Output :

- Light Percentage :
 - Mini_value = 0
 - Max_value = 100

Module Design

<<block>>
MQTT_Module

<<Parameters>>

Static Config Parameters :
#define LDR_ADC_CHANNEL
#define LDR_ADC_WIDTH_BIT
#define LDR_ADC_ATTEN_DB

<<Function>>

~Ldr_Init(void) :void
~out: Ldr_Main(void):uint32_t

Module Flowchart

