

GSM_Module

Module Responsibility

Module Responsibility :

- Checking network registration status
- Reading signal strength (RSSI)
- Sending SMS messages
- Initiating voice calls

Module Design

```
<<block>>
MQTT_Module
<<Parameters>>

typedef enum {
    GSM_OK = 0,
    GSM_ERROR,
    GSM_TIMEOUT,
    GSM_NO_NETWORK
} Gsm_Status_t;

<<Function>>

~GSM_Init(void)(void) : void
~GSM_GetSignal(uint8_t *rss):Gsm_Status_t
~out:GSM_SendSMS(const char *number, const char *text): Gsm_Status_t
~out:GSM_MakeCall(const char *number): Gsm_Status_t
```

Module Flowchart

