***GSM***

***1.GSM AT COMMANDS***

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No.** | **AT Command** | **DESC** | **Response** |
| 1 | ATE<val> | Echo  Val = 1 (on)  Val = 0 (off) | OK |
| 2 | AT+CICCID | SIM Number | +ICCID: 8991000904222715265  OK |
| 3 | AT+CGSN | IMEI Number | 861123052577077  OK |
| 4 | AT+CIMI | IMSI Number | 404100525065898  OK |
| 5 | AT+CSQ | Signal Strength | +CSQ: 17,99  OK |
| 6 | AT+CSPN? | Service provider  Name | +CSPN: "airtel",1  OK |
| 7 | AT+CCLK? | Real Time  (Read cmd) | +CCLK: "22/02/08,14:42:13+32"  OK |
| 8 | AT+CCLK=<time> | Real Time  (Write cmd) | OK  Or  ERROR |

***2. Protocol:-***

* **UART3 (Rx** Interrupt**)**
* **Baud\_Rate:- 115200**

***3. MCU :-***

* **STM32F407DISC1**
* **RX\_PIN:- PB11**
* **TX\_PIN:- PD8**