Hardware Related Commands TRM240

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Hardware Related Commands

AT+QPOWD Power off

The command is used to shut down the module. The UE will return **OK** immediately when the command is executed. Then the UE deactivates the network. After it is completed, the UE outputs **POWERED DOWN** and enters into the shutdown state. The maximum time for unregistering network is 60 seconds. The UE is not allowed to turn off the power before the module‟s STATUS pin is set low or the URC **POWERED DOWN** is outputted to avoid data loss.

AT+CCLK Clock

The command sets and queries the real time clock (RTC) of the module. The current setting is retained until the module is totally disconnected from power.

AT+CBC Battery Charge

The command returns battery charge status **<bcs>** and battery charge level **<bcl>** of the MT

AT+QADC Read ADC Value

The command is used to read the voltage value of ADC channel.

AT+QSCLK Enable/Disable Entering into Sleep Mode

The command is used to control whether the module enters into sleep mode. When entering into sleep mode is enabled, DTR is pulled up and WAKEUP_IN is pulled up, the module can directly enter into sleep mode. If entering into sleep mode is enabled, DTR is pulled down and WAKEUP_IN is pulled down, there is a need to pull the DTR pin and the WAKEUP_IN pin up first, and then the module can enter into sleep mode.