

## **GPS Trace Control System**

**The system includes GPS and mobile communication system.**

**RX module (GPS Receive system) received the signal under GPS (Global Position System) format and convert it into the signal what the CPU need. And then, the CPU sends it out by communicating with the mobile control center by GSM format.**

**The RX module gets the power (1.8V and 4.2V) from PM (power manager) which is included inside of MCU and use a CMOS LDO Regulator with Enable to convert it into 2.8V for the RX module used.**

**The RF unit would modulate the data package got from CPU unit by GSM and communicate with the control center, and analysis the content of GPS information, at last, potently monitor the position.**