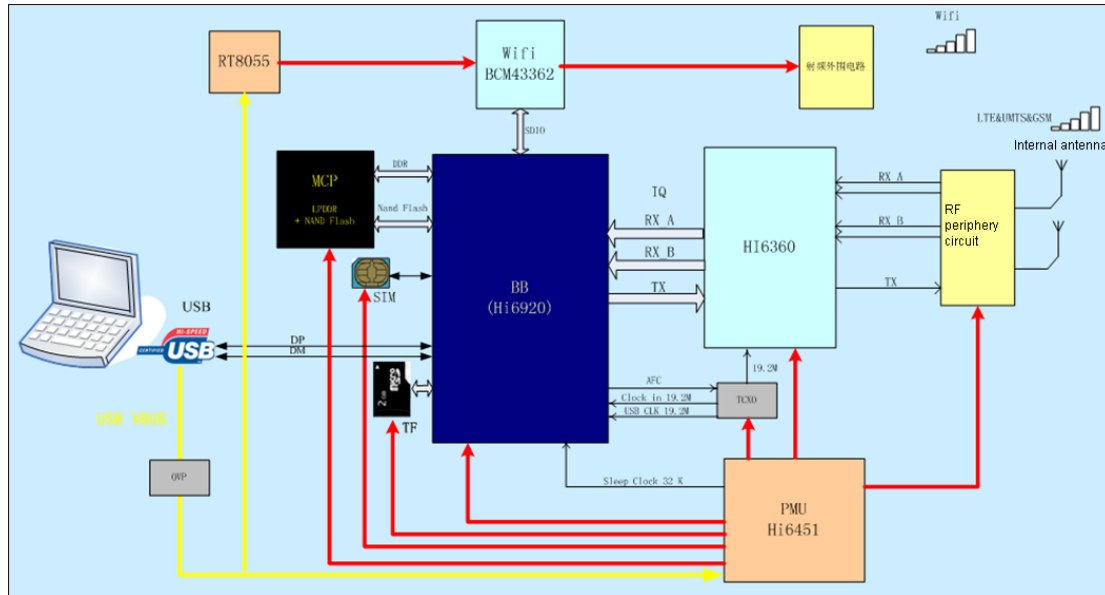


E8278s-603 Block diagram

The E8278s-603 Mobile WiFi Smart has a compact and highly integrated structure. It consists of MDM Subsystem, Power Manager Subsystem and RF Subsystem. The functional structure is shown as follows.



HI6360: Radio Frequency Transmitter IC

HI6451: Power Manager IC

HI6920: Fixed Wireless Terminal modem IC

BCM43362: WiFi IC

Tx LTE 1900MHz: 1850MHz~1910MHz

Tx LTE AWS: 1710MHz~1755MHz

Tx LTE 850MHz: 824MHz~849MHz

Tx WCDMA/DC-HSPA+/HSPA+/HSDPA/HSUPA 1900MHz: 1850MHz~1910MHz

Tx WCDMA/DC-HSPA+/HSPA+/HSDPA/HSUPA 850MHz: 824MHz~849MHz

Tx GSM/GPRS/EDGE 1900MHz: 1850MHz~1910MHz

Tx GSM/GPRS/EDGE 850MHz: 824MHz~849MHz

Tx WiFi 2400MHz: 2437MHz~2462MHz