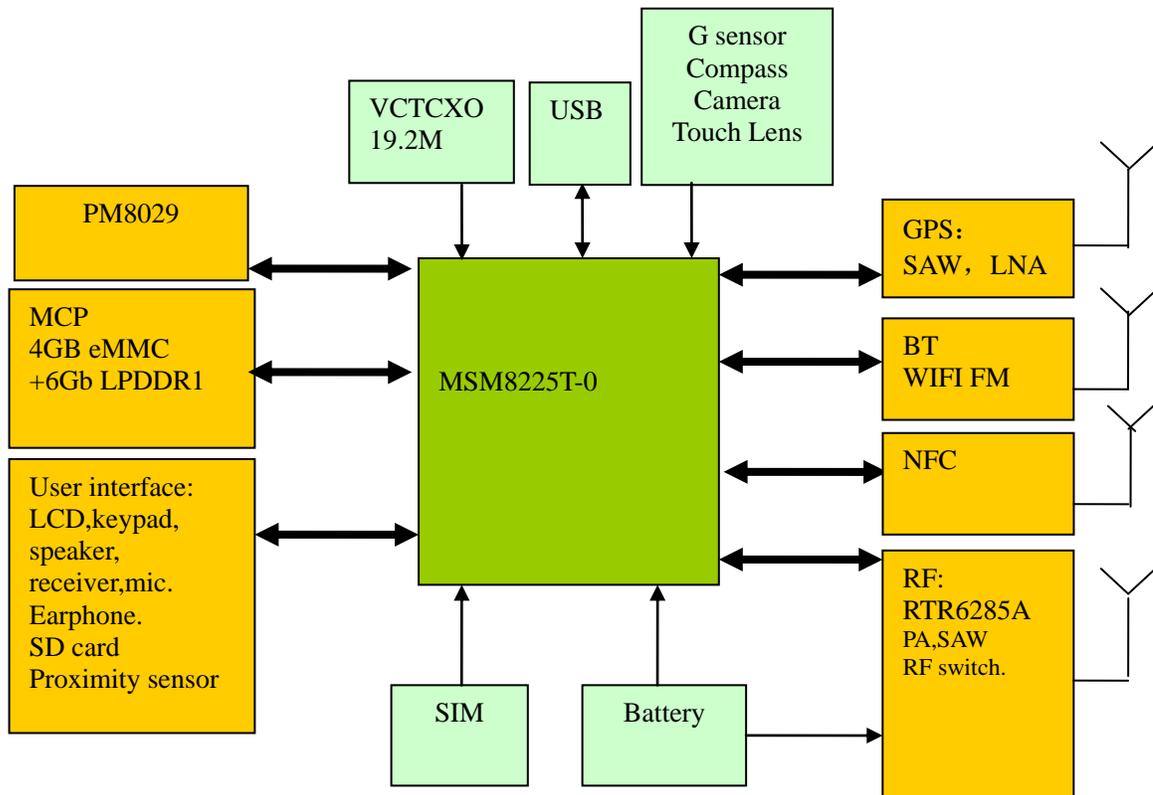




G510-0100 Block Diagram

The G510-0100 Mobile Phone has a compact and highly integrated structure. It consists of Man-Set interface Subsystem, MSM Subsystem, Power Manager Subsystem and RF Subsystem. The functional structure is shown as follows:



MSM8225T-0: Mobile Station Modem IC
RTR6285A: Radio Frequency Transceiver
PM8029: Power Manager IC
AR6005: WIFI IC
WCN2243: Bluetooth IC
VCTCXO: 19.2M Clock

Frequency Range

GSM/GPRS/EDGE 850MHz: 824 MHz to 849MHz/869 MHz to 894MHz (Up/down stream)
GSM/GPRS/EDGE 1900MHz: 1850MHz to 1910MHz/ 1930MHz to 1990MHz (Up/down stream)
Bluetooth: 2402MHz to 2480MHz
WLAN: 2400~2483.5MHz
NFC: 13.56MHz +/- 400kHz