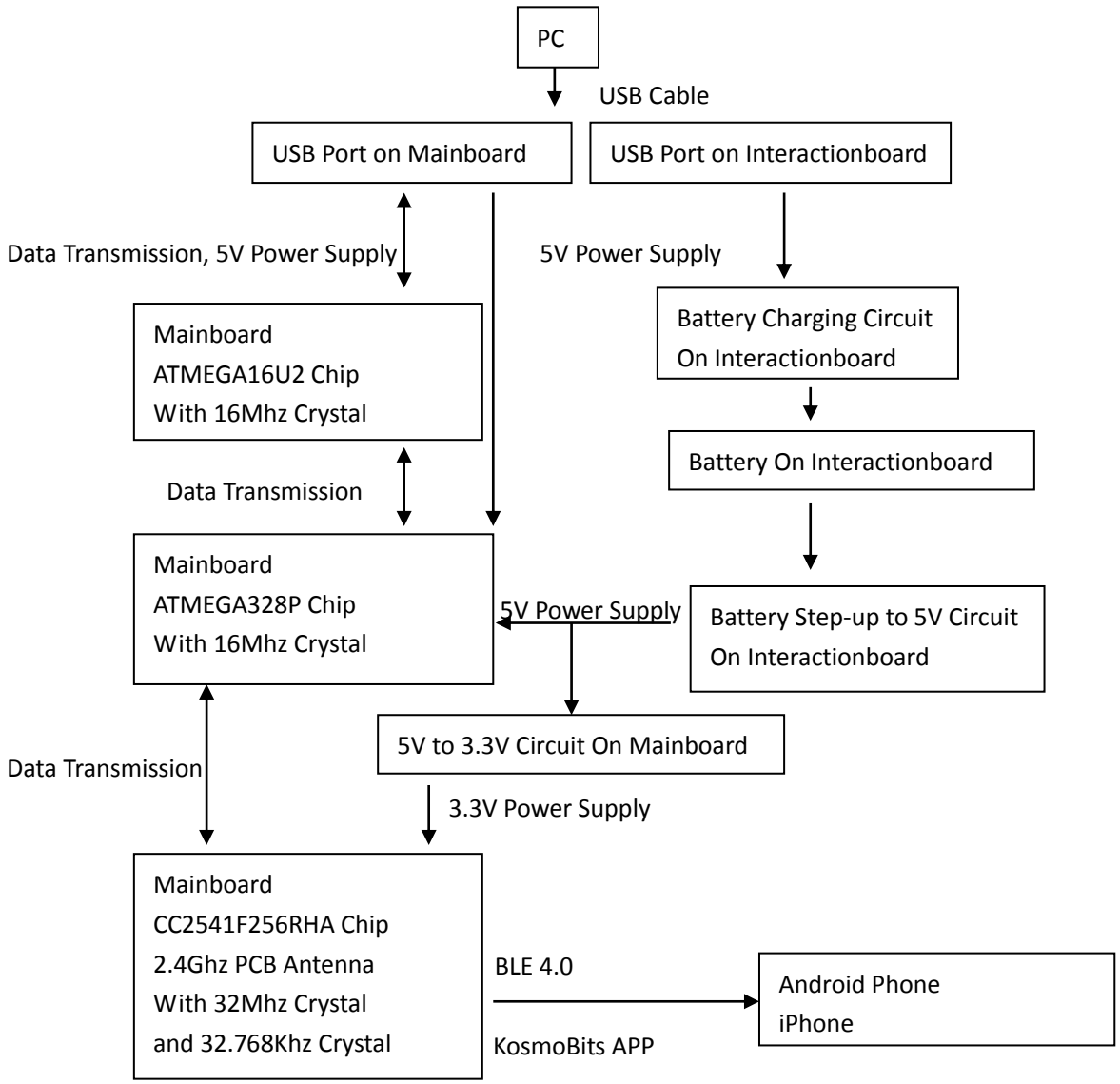
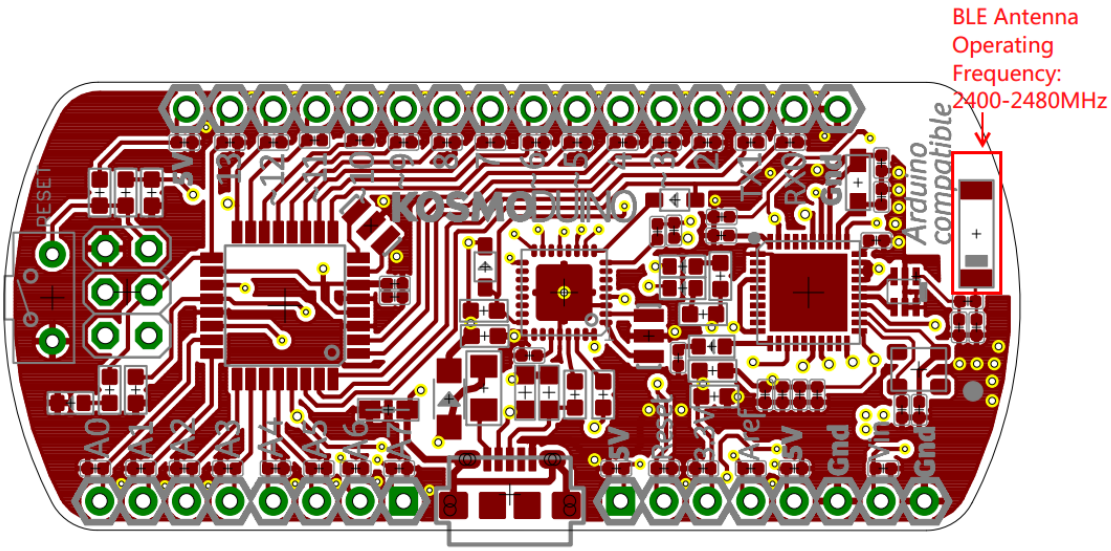

PC
USB Cable
USB Port on Mainboard
USB Port on Interactionboard
Data Transmission, 5V Power Supply
5V Power Supply
Mainboard
ATMEGA16U2 Chip
With 16Mhz Crystal
Battery Charging Circuit
On Interactionboard
Battery On Interactionboard
Data Transmission
Mainboard
ATMEGA328P Chip
With 16Mhz Crystal
5V Power Supply
Battery Step-up to 5V Circuit
On Interactionboard
5V to 3.3V Circuit On Mainboard
Data Transmission
3.3V Power Supply
Mainboard
CC2541F256RHA Chip
2.4Ghz PCB Antenna
With 32Mhz Crystal
and 32.768Khz Crystal
BLE 4.0
KosmoBits APP
Android Phone
iPhone


BLE Antenna
Operating
Frequency:
2400-2480MHz
KOSMOBUINO
Arduino
compatible