Bluetooth Keyboard Circuit Description:

1. Keyboard Power Supply System: the power of the whole Bluetooth keyboard is supplied by two dry battery and controlled by power switch SW1.
2. Keyboard scan matrix Circuit: the circuit of BCM2042 Module can receive the signal from every key-press by correctly connecting the Pin's IO port of BCM2042 Module to FCC pin header connector and connecting the key-press's FCC flexible flat cable to FCC pin header connector
3. Module BCM2024 Circuit: BCM2042 go into working status by receiving a 2.4MHz signal, which is created by the combined action of power supply from the 3V dry battery through switch SW1 and the oscillation of crystal Y2. After successfully reading the configuration information of EEPROM（U2 24C64）,BCM2042 go into the normal working condition!

   Through LC3, LC5, C50, the LC of LC2 filter circuit, 2.4G wireless signal generated by 24MHz frequency doubling can be sent to the aerial inside, then the aerial can send out the 2.4G wireless signal outside. In this way, Module BCM2024 can link with the outside Bluetooth equipment.