

Circuit Description

This USB bluetooth dongle is designed and based on the AS3620F master control chip, support bluetooth 2.0 standard. A external oscillator of 12MHz as base clock frequency of master control chip AS3620F. The working voltage of DC 5V is provided by USB port, and transmission data via data signal line of USB interface, and a high-frequency modulated signal of 2402-2480MHz be transmitted or received via LC filter circuit, finally to achieve the bluetooth wireless communication function. The modulation use GFSK and FHSS.