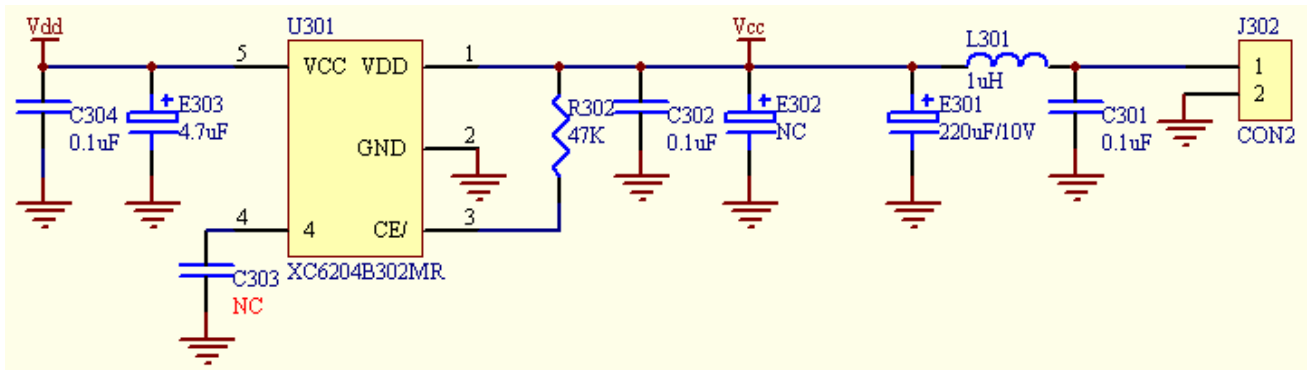
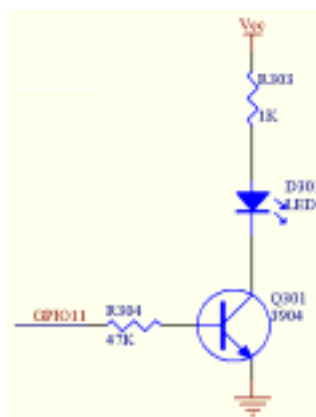


Cricuit description



This is power management circuit, it can output +3V for the Bluetooth Module. As we can see this circuit, the L301 is a inductance which will damage itself when the power from J302 is strong enough to protect the whole circuit. And the C301, E301, C302, E303, C304 is capacitance filter , which can make the power stable. The U301 is a high performance LDO which could change the input voltage into +3V and supply power for the Bluetooth Module.



This circuit could display the working state of Bluetooth Module though D301. The GPIO11 which is controlled by software output high or low voltage to make the Q301 on or off, so the LED will flashing or lighting.

eliminate the need for a separate external DSP, reducing the bill of materials, power consumption and total footprint.

The Bluetooth Module receives hopping frequency signal through Antenna, and change it into audio signal. So this can realize wireless transmission, and enjoy the music freely.