

# The brief introduction of the circuit of the Bluetooth Car Kit

1. The module U4 is a part to realize the bluetooth transmission function, whose inside consists by the crystal vibration of main IC BC03, BPF and 26MHz. The signal filter and select the frequency via L3, C12, C13 and BPF, transmission via antenna (printing circuit board antenna)
2. IC U6 is an echo cancellation IC, whose main function is to efficiently restrain noise and echo when talking. The IC connects MIC input and audio frequency signal output. The signal between U6 and U4 is directly connected by four signal cables. The starting vibration of U6 is provided by X1 4.096MHz, its out putting programming is memorized inside of U7 FLASH.
3. Audio frequency signal is enlarged by IC U8, then send to the SPEAKER.
4. Shooting frequency testing point, via a solid connecting frequency testing point on the designing connection board, puts a shooting frequency change connecting equipment on the sieve and antenna.
5. Power supply is from Li-battery, after the U1 power increased from Li-battery, together with U2 and U3 separately stable the power, then gain the needed power for each part.
6. Charging power for Li-battery is 5V /500MA.