

This product is wireless charging (EPP) + earphone wireless charger + wireless charging for watches (Iwatch).

The EUT is only used for power supply through the TYPE C port and cannot be used to exchange data with the PC.

Operation Frequency:

Watch: 318.055 kHz

Earphone: 120.214 kHz

Phone: 143.3 kHz

1. TYPE C is connected to a charger with QC protocol, a mobile phone or other load that supports wireless reception, and is placed at the coil position so that the receiving and transmitting coils are aligned for work.
2. A mobile phone or other load that supports wireless reception is placed at the coil position to control the opening of wireless charging.
3. The LED light status is represented by various states, and the LED light is mainly controlled through R9813.

Instructions

This product is wireless charger (EPP) + earphone wireless charger + watch wireless charger (Iwatch)

EUT receives power from TYPE C port

The working principle of EUT is based on MCU R9813+R9208

Three coils for transmitting

1. A mobile phone or other load that supports wireless reception is placed at the coil position, wireless charging is turned on, the coil transmit signal and the receiving coil signal are demodulated, and the signal is fed back to R9813. R9813 communicates with the charger protocol, which supports fast charging. to 9V, the load supports fast charging, 9813 receives the 9V voltage signal, adjusts the 9V voltage and converts the DC power into an AC pulse signal through the conversion of two sets of R4608B N+P MOS, and transmits it through the coil.
2. A headset or other load that supports wireless reception is placed at the coil position, the wireless charger is turned on, the coil transmit signal and the receiving coil signal are demodulated, and the signal is fed back to R9813. R9813 and R5352 work, and R5352 performs high duty cycle. To work, the voltage meets the 5V power supply for wireless charging and transmitting work. 9813 receives the 5V voltage signal, adjusts the 5V voltage and converts the DC power into AC pulse signal through the conversion of two sets of R4608B N+P MOS, and transmits it through the coil.
3. Iwatch is placed at the coil position through magnetic attraction of the coil. The coil transmit signal and the receiving coil signal are demodulated, and the signal is fed back to R9208. R9208 and R5352 work. The TYPE C port uses R5352 to perform high duty cycle work. The voltage meets 5V power supply wireless charging and transmitting work, R9208 receives the 5V voltage signal, adjusts the 5V voltage and converts the DC power into an AC pulse signal through the conversion of the R7951 full-bridge driver, and transmits it through the coil.