

1 Description

CUC0603 is a wireless charging scheme for apple watch. This scheme adopts internationally leading chip devices and schemes with high cost performance, realizing efficient wireless energy transfer efficiency up to 70%, maximum transmission distance up to 1mm, system transmission power up to 2.5w, with intelligent output power and conversion efficiency control, achieving the best temperature rise control effect.

2 technical parameters

- ❖ Shape can according to customer demand design charging 1mm
- ❖ Compatible with apple watch 0\1\2\3\4 \5\6\7generation of the latest 5.2 system, realize the one-to-one wireless charging function hardware architecture design is simple, easy to operate
- ❖ Charging way: electromagnetic induction
- ❖ protocol standard: WPC 1.2.4 WPC WPC 1.2.4
- ❖ Input Voltage &Current: 5V 1A
- ❖ Output Voltage &Current: 5V 0.5A
- ❖ Output power :2.5W
- ❖ no-load power consumption: 60mW
- ❖ Effective transformation distance: $\leq 1\text{mm}$
- ❖ Transfer efficiency: <80%
- ❖ working frequency: 328KHz

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

§ 15.21 Information to user.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

§ 15.105 Information to the user.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

RF warning for Mobile device:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

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