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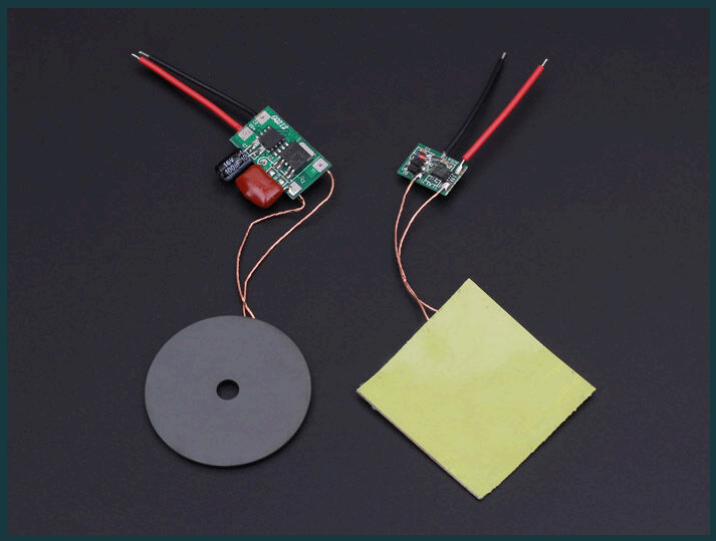
INDUSTRIAL PRODUCT DATASHEET

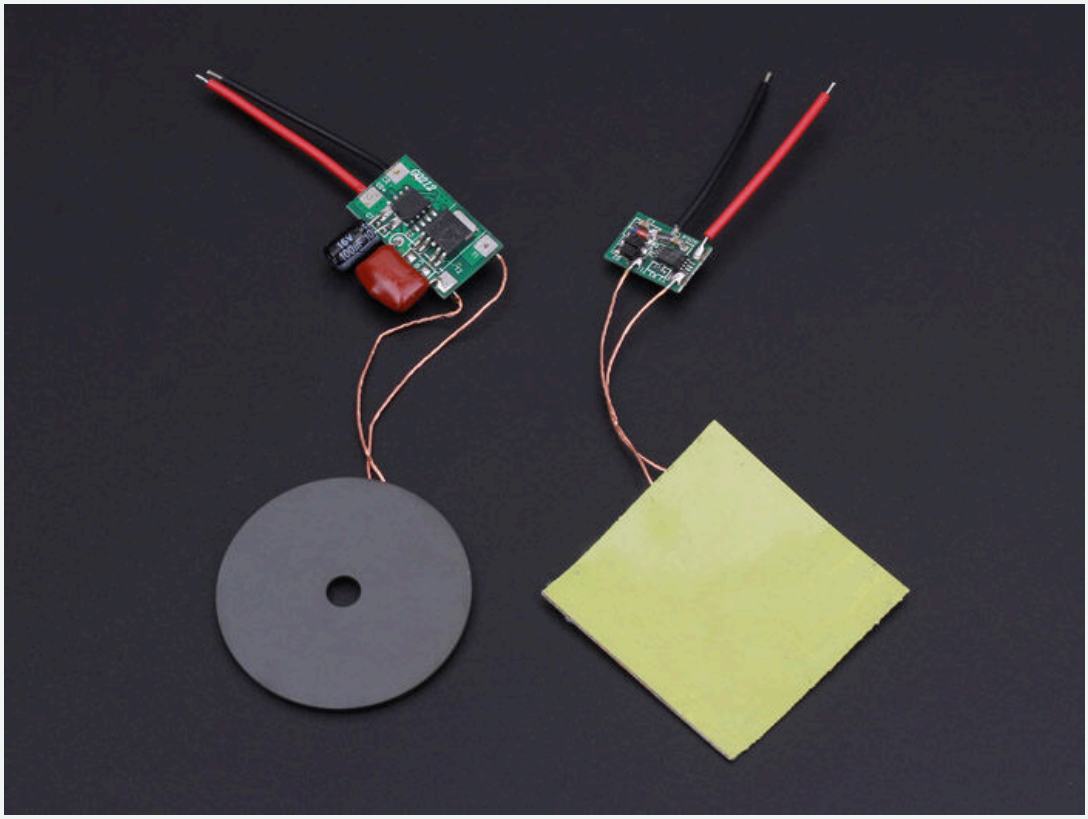
Smart Wireless Charger Transmitter - 5V&0.6A

Wireless charger transmitter delivering 5V/600mA with smart charging detection and up to 80% efficiency.

SKU	UPDATED	PRICE
317010006	2024-08-09 02:02:38	$9.50(Excl. VAT)



Overview



The Smart Wireless Charger Transmitter - 5V&0.6A is a wireless power transmission module with DC 10-12V input and DC 5V output (rated 600mA, max 1000mA). It features electromagnetic induction charging at 125KHz with a 2-6mm range, smart charging detection, low standby power, and up to 80% conversion efficiency.

Key Features

This product is mainly a combination of the M268 and PIC100 two main chip integrated oscillation circuit shaping circuit detection circuit frequency interference suppression circuit. Wireless transmitter tubes and other functions, the input voltage 9-12V, wireless transmission of electrical energy is dedicated chipset, with power, standby current, high efficiency , low temperature, small size and other characteristics, the electromagnetic wave frequency control in 150KHZ below , and medical frequency equivalent to the human body and other electrical appliances without any harm or interfere with , the use of electromagnetic induction principle achieve energy conversion and transmission efficiency up to 80% , is the highest performance wireless power transmission , most secure wireless module , MP268 wireless charging chips are widely used in gaming peripheral products charger (wii controller battery , PS3 controller battery , XBOX360 handle battery , NDSi NDSL battery battery) , consumer electronics (electric shavers, electric toothbrushes , LED flashlight , electronic waterproof lights, waterproof mobile phone , electronic candles , magnetic products) , digital products (mobile phone charger , iPhone chargers , MP3, MP4, speaker,) and other applications.

Features:

1. Smart charging detection operator dedicated , fully equipped automatically enter standby mode , more energy secure.
2. Low standby power consumption, high conversion efficiency when a large current low temperature, can transport up to 500MA over wireless high current charging .
3. Transmitting and receiving custom designed with magnetic isolation raise efficiency across disk, to enhance the energy conversion efficiency.
4. 12bits using high-precision AD.
5. Fully charged battery is high, more than 95%.
6. A full range of technical support and personalized solutions specifically tailored to increase the intelligent peripheral management functions.
7. Multi-strand copper induction coil to provide a more secure , stable and efficient wireless power characteristics of low temperature.

Specification:

1. In put voltage：DC 10-12 V
2. standby current：20-40mA
3. Output voltage：DC 5 V
4. output current：rated：600MA MAX：1000MA
5. Power output：rated：3W MAX>5W
6. Center resonance frequency：125KHz
7. Transmit-receive distance：2-6mm (best distance 3—4mm)

Compliance & Logistics

HSCODE	8543909000
ROHS	1

Resource Links

- https://www.seeedstudio.com/Smart-Wireless-Charger-Transmitter-5V-0-6A-p-2265.html

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