



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



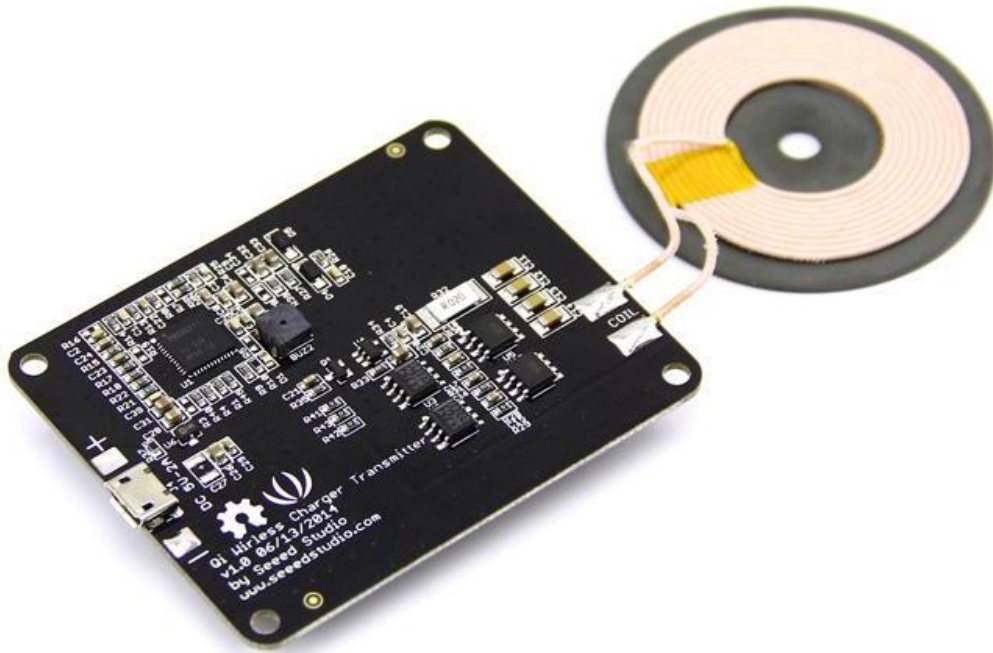
## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





# Qi Wireless Charger Transmitter

This module is designed for 5V Qi Wireless Charge Transmitter, which is based on BQ500211. BQ500211 is a second-generation digital wireless power controller that integrates all functions required to control wireless power transfer to a single WPC-compliant receiver. This module with FOD, it will automatically recognize when a charging module is close. Qi Wireless Charger Transmitter is compatible with most wireless charging mobile phones on the market such as Nexus 5.

## Specification

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- Operating Frequency: 112kHz-250kHz
- Practical Distance: 2-6mm
- Max Efficiency: 80%
- Output Voltage: 5V
- Output Current (maximum): 1A



# Getting Started

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we can used it to charge phone.



Your phone will enter the charging mode when D1 is flashing and buzzer is turned on.

## Resource

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- **[Eagle]** Qi Wireless Charger Transmitter Eagle File
- **[PDF]** Qi Wireless Charger Transmitter Sch
- **[PDF]** Qi Wireless Charger Transmitter PCB
- **[Datasheet]** Datasheet BQ500211
- **[Datasheet]** Mosfet Driver TPS28225

## Technical Details

Dimensions	110mm x 75mm x 28mm
Weight	G.W 52g
Battery	Exclude

[http://wiki.seeedstudio.com/Qi\\_Wireless\\_Charger\\_Transmitter/](http://wiki.seeedstudio.com/Qi_Wireless_Charger_Transmitter/) 3-6-18

<https://www.seeedstudio.com/Qi-Wireless-Charger-Transmitter-5V%261A-p-1997.html>