

## **Wireless Charging Module 5V/300mA**

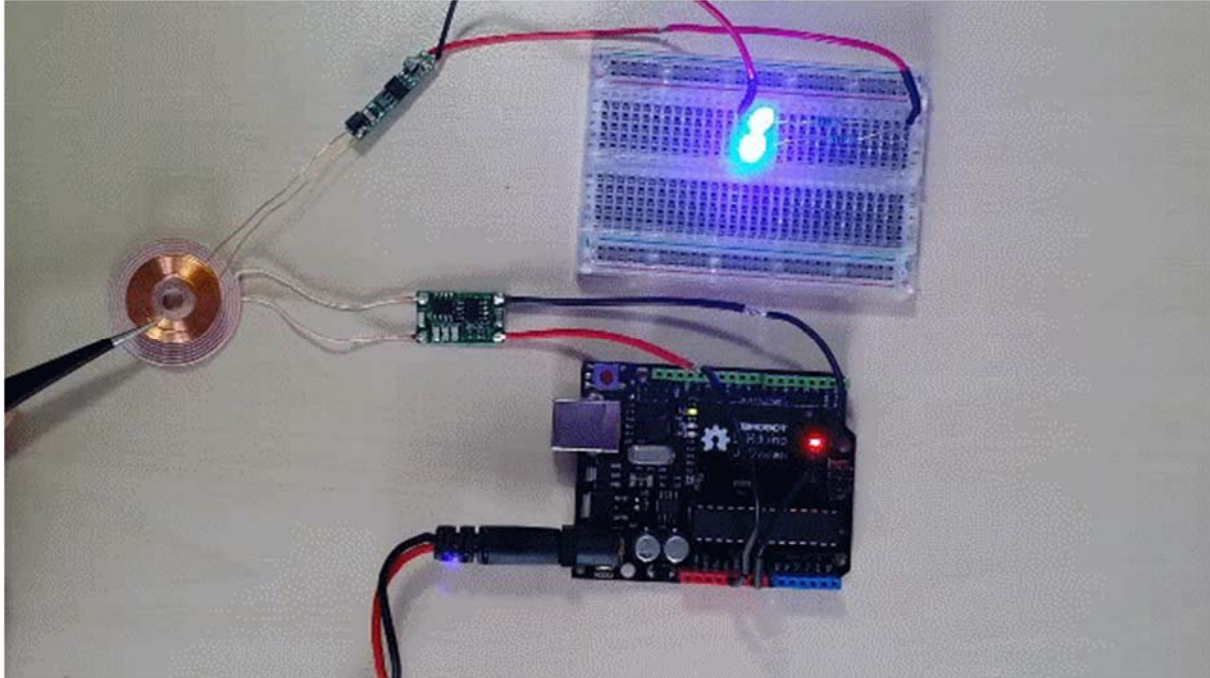
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SKU:DFR0363

### INTRODUCTION

Wireless charging uses an electromagnetic field to transfer energy between two objects. This is usually done with a charging station. Energy is sent through an inductive coupling to an electrical device, which can then use that energy to charge batteries or run the device.

This is a new wireless charging module, which could provide 5V@300mA (MAX 600mA) power output. It is using the new technology "resonant magnetic coupling, which will reduce the electricity consumption during power transmission. The transfer efficiency could arrive at 90%. It could meet your most project requests. 5V/1A also available (Wireless Charging Module 5V/1A)



## FEATURES

- Stable Power Supply
- Magnetic coupling resonance technique
- Insulation Coil
- Compact Design

## SPECIFICATION

- Chip on Board: XKT-412
- Operating Voltage (Input): 5V
- Operating Voltage (Output): 5V@300mA (Max: 600mA)
- Transmitting Terminal Size:  $33\pm 2\text{mm}(1.30\text{'})$ (Outer diameter)\* $5\text{mm}(0.20\text{'})$ (Inside diameter)\* $1\text{mm}(0.04\text{'})$ (Thickness)
- Receiving Terminal Size:  $21\pm 2\text{mm}(0.83\text{'})$ (Outer diameter)\* $10\text{mm}(0.39\text{'})$ (Inside diameter)\* $0.5\text{mm}(0.02\text{'})$ (Thickness)
- Operating Distance: 2-10mm (0.08-0.39")