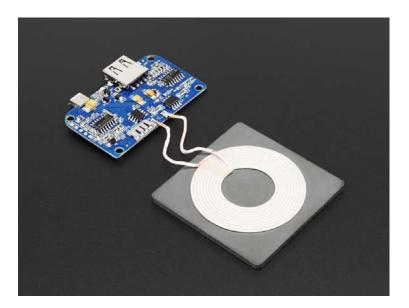# Universal Qi Wireless Charging Transmitter

PRODUCT ID: 2162

• Description

If you have a modern smart phone you may have noticed that it comes with built in wireless charging capability called 'Qi charging.' Qi is a trademark name for a thin and smart inductive charging system. Many large gadget companies have standardized on Qi, which means it's easy to find a charging dish and we thought it might be cool if your Arduino project can recharge itself wirelessly.

We've added a ton of Qi receivers but, until now, we haven't had a charging base. No longer! This is a super simple Qi transmitter. It will work with any standard Qi charger receivers - like the ones we carry here. You just connect the board to a 5v power supply - either through a micro USB port - then put your device w/ Qi receive onto the base. If you want to 'share' the microUSB power connection, you can also connect direct to the USB-A port

Maximum output is around 5W which is good for most smart phones, basically 1000mA charge at 5V on the other side of the wireless connection. It has a charging distance of 2-8mm, works with all our Qi charge receivers. You can only use one receiver per transmitter so if you want to charge two Qi devices at once, you'll need 2 transmitters.

Note: PCB may come in blue or green!

- # Technical Details

  - o Input: 5V
  - o Input Current: 2A
  - o Maximum output power of 5W
  - o Operating Frequency: 100-200kHz
  - o Charging Distance: 2-8mm
  - o Charging Plate Dimensions: 53mm x 53mm x 4mm / 2.1" x 2.1" x 0.2"
  - o PCB Dimensions w/ Components: 55mm x 37mm x 6mm / 2.2" x 1.5mm x 0.2"
  - o Weight: 47g