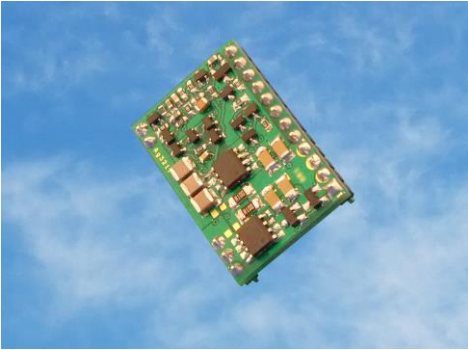


Ag321T

V1.0
April 2019

High Power Qi compatible Wireless Power Transmitter Module



- **Ag321 Qi 15W transmitter**
- **Compact Low Profile module**
- **Module size: 32mm x 20mm**
- **Input Voltage 12V DC**
- **Up to 15 Watts Output Power**
- **Qi receiver & foreign object detection**
- **Overload & short-circuit protection**
- **Low standby power consumption**
- **Only a transmitter coil required**

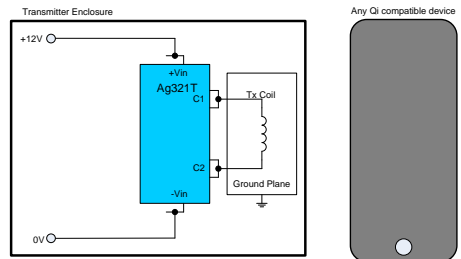
Silvertel's Ag321 is a new high power wireless transmitter compatible to the "Qi 1.2.3" specification. Qi is the leading standard for inductive wireless power transfer. Ag321 modules facilitate the simple, fast design of a Qi Wireless Charging transmitter, typically used to charge portable devices. This solution delivers all the benefits of wireless power, including improved safety, with no cables or exposed contacts.

Full Qi standard safety and control features are built into the Ag321

transmitter. They are an ideal solution for medical, industrial, scientific or commercial applications requiring a robust wireless charging design. The Ag321 is a small footprint, highly optimised 12V input transmitter power solution, perfect for any number of applications.

The module provides a controlled supply of power to any Qi compatible receiver. Non-Qi devices will not activate the modules transmit power feature. Overload and short-circuit protection are built-in. Full evaluation kits are available for all modules. The Ag321 transmitter module requires just a 12V DC regulated input voltage to drive it.

Wireless power is perfect for hazardous or dirty environments where frequent maintenance is an issue. Standards based charging removes the need for device specific power supplies. The module is designed for simple integration, requiring the addition of just a standard Qi coil.



Power & Telecom Module Solutions

www.silvertel.com



Note: The device specifications are based on preliminary data and are subject to change. Contact Silver Telecom Representative for up-to-date information.