

- **Ag301 Compact, low profile Qi compatible power receiver module**
- **Module size: 31mm x 23mm**
- **Up to 5 Watts Output Power**
- **Automatic Qi compatible transmitter verification**
- **Overload and short-circuit protection**
- **Low standby power consumption**
- **No external components required**
- **Controller IC is available in high Volumes**

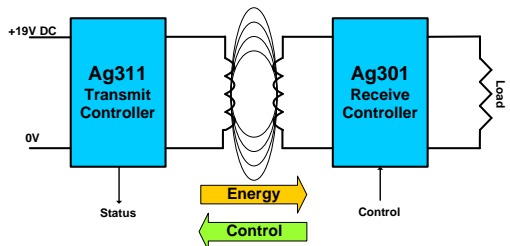
Silvertel's Ag300 series is a new Qi compatible wireless power module set. Qi is the leading standard for inductive wireless power transfer. Ag300 modules allow simple, fast design of Qi Wireless Charging products, typically used in portable devices. The solution delivers all the benefits of wireless power, including improved safety, with no cables or exposed contacts, in two

complementary and easy to integrate modules.

Full safety and control features are built in to both the Receive (Ag301) and Transmit (Ag311 19V input or Ag312 5V input) modules respectively. They are an ideal solution for medical, industrial, scientific or commercial applications requiring a robust wireless charging design. Silvertel's Ag301 is a low profile, small footprint, highly optimised solution perfect for any number of applications.

The receiver module provides a low ripple, low noise regulated output. Overload and short-circuit output protection are built-in. Full evaluation kits are available for both transmit and receive modules. The Receiver provides a 5V regulated output voltage with a peak current rating of 1.2A ideal for supplying the charging circuits of portable devices.

The module is designed for simple integration, requiring the addition of just a standard Qi coil.



Ag300 Series Solution overview