

Wireless Charging Transmitter Module

BM82D4121-1

Characteristics

- Integrated high resolution PWM generator, 16-bit MDU supports PID algorithm
- Integrated FSK function for communication above 5W
- Dual AM demodulation circuits to improve the communication decoding success rate
- Supports Qi standard charging protocol with foreign object detection
- Conforms to the Qi V1.2.4 certification for Holtek laboratory instrument test
- Over-current, over-temperature protection functions

Applications

Wireless chargers, wireless car chargers, wireless power banks, etc.

Block Diagram

