SL-PWW-33Wireless charger operating principle: input the 5V/3A or 9V/1.67A voltage for Micro USB by 5V/QC3.0 adapter, provide the Supply Voltage for Main control IC: IMT1810B, LM324，LP1130by HT7550 reduction voltage.IMT1810B provide the transmit sign to LM324，provide the decoding the signal，detect voltage and current, provide the voltage and current for the received device by driving LP1130.Coil convert the transmit power to received power of received device, thus wireless charge power will be converted output 10W/7.5W/5W.

1. Power supply: Micro USB inputs DC 9V to HT7550, transfers 5.0V to IMT1810B, LP1130 and LM324.The other way is DC 9V to the half bridge drive circuit.
2. Control part: the LP1130 out signal drives the half bridge circuit to adjust the output power.
3. Sampling circuit output signal to IMT1810B to judge over-voltage, over-current, temperature protection, wireless output voltage feedback.
4. Charging Standard:Compatible with QI -BPP/Samsung Fast Charging
5. Standard Output power：maximum output power up to 10W can be provied:
6. Efficency:72%-82%@10W
7. Charging area:10mm*10mm
8. Static power consumption:<0.2W
9. Frequency range:110-215kHZ
10. Crystal Oscillator：20MHz