Hi-Range Wireless Power

Phone or laptop used to generate 8kHz sine wave

Audio Power amplifier

20 turns, 40mm diameter
1μF
250V or 560V

3.47μF
50V

Optional 20V TVS protection diode

15 turns, 20mm diameter

20 turns, 40mm diameter
1μF
250V or 560V
Hi-Range Wireless Power Phone Charger

Audio Power amplifier

Phone or laptop used to generate 8kHz sine wave

20 turns, 40mm diameter

1µF 250V or 560V

Optional 20V TVS protection diode
Micro Commercial Co Part No:SA20CA-TP

15 turns, 20mm diameter

3.47µF 50V

Bridge Rectifier: Comchip CDBHM240L-HF

5V Regulator: Fairchild LM7805CT

5V Regulator IN GND OUT

47µF 20V

USB Charger cable with stripped wires.
Red wires goes to +Output.
Black wire to GND (negative rectifier output)
White & Green wires are left hanging (no connection)