

## Circuit description

Dual coil wireless charging road Description:

1 type-c power supply (DC5-9V power supply) with YM-W409 wireless charging IC, MOS-YM-522, with the transmitter coil to charge the phone (transmission frequency range is 137kHz according to the charging power.)

DC-DC circuit description:

2 type-c power supply (DC-5-9V power supply) input the ETA1476 step-down IC with 4.7UH inductance, step-down to 3V to power the touch IC and LED, and control the LED on and off by touching the IC.

5V support 5W, 9V support 10W&7.5W. The wireless charger biggest power is 10W, also can support 7.5W and 5W. The actual power depends on the smart phone types when used, such as iphone support 7.5W, Samsung support 10W.