

circuit diagram description

The SOP-16 high-end chip(9800D) is a wireless charging transmitter control SoC chip, compatible with WPC Qi v1.3 latest standard, support 5W, Apple 7.5W, Samsung 10W, 15W charging. Detects the wireless receiver by analog ping and establishes communication with the receiver to begin power transmission.

Compatible with WPC v1.2.4 and v1.3 standards

Support a variety of applications from 5 to 15W
single 5W application Fast charger input 5 to 15W
application 5V input 5W application; 9V input 5W, 7.5W,
10W 15W applications;

FOD foreign body detection highly sensitive static
foreign body detection (adjustable by capacitor)
Support dynamic fod detection external resistance
adjustment FOD parameters low static power consumption
and high efficiency static current 10mA The actual
charging efficiency of the system is up to 80%

Compatible with NPO capacitors and CBB capacitors

Dynamic Power Adjustment (DPM) for USB Psus with
insufficient power supply capacity

Support as low as 5V 500mA charger input over
voltage, over current, under voltage protection

Supports repeated firmware upgrade

Support PD3.0 input request

Support DPDM fast charge input request

Supports NTC over temperature protection

Operation Frequency: 140.11 kHz