



Function description:

1:The PSU(power supply unit)convert the AC power(100V--240V) to DC outputs: 8V, 3.3V and 1.8V

2:receiving path:the power line signlas on the power lines were coupled to the SM5560 module,then the module demodulates the analog signals to the standard MII signals,send the MII signals to the PHY chip, the PHY chip convert the MII signals to the Ethernet packets to the PC which connect to the RJ45 connector.

3:transmitting path:The PC send Ethernet packets to the PHY IC,PHY convert the packets to the MII signals and sends them to the SM5560 module.SM5560 module modulates the signals to the power line signals, at last , the power line signals were coupled to the power lines.

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