

Circuit Description

This circuit could not only provide the electricity for the fan, and also, with the configuration of one uplink port and four ports below, users could connect the peripherals. This could avoid the inconvenience of not being able to connect more peripherals because of the limit amount of USB interfaces. The fan is controlled by a temperature switch when it is working. When the temperature reaches 45°C, the sensor will sense the temperature so high, and then send the sense signal to the IC GL850G, which the osc is 12MHz, the fan would be connected automatically to cool down the temperature. And the fan would be automatically disconnected as the temperature lower than 35°C. This could not only extend the service life but achieve energy saving as well.