



1 TL0901GU Wireless LAN Adapter Operation Specification

- USB Interfaces: used to connect wireless LAN adapter and USB interface of computer, establish data communication, 5V Power-Supply.
- Power: to supply a variety of DC voltage for wireless LAN adapter. Input 5V, Output 1.8V, 2.8V, 3.3V.
- STAU Chip (Hed08W04SUA): This is in line with the GB15629 a series of national wireless standards, in line with China's safety standards for wireless local area network (WAPI) and IEEE802.11a/b/g related to the safety standards of multimode wireless base-band / MAC chip.
- RF Chip (AL2230S): When transmitting, RF Chip modulated the Base-Band signal to 2.4GHZ RF signal. When Receiving RF Chip demodulated the 2.4GHZ RF signal to Base-Band signal.
- EEPROM: storage Boot Loader Firmware.
- CLOCK: supply 40M clock signal for STAU and RF chip
- Balun: Balance to unbalance.
- Switch: It is an IC FET SPDT switch in a low-cost miniature SC-70 6-lead plastic package. The features low insertion loss and positive voltage operation with very low DC power consumption. This general-purpose switch can be used in a variety of telecommunications applications.
- Antenna: 2.4GHz-2.5Ghz IFA Antenna.