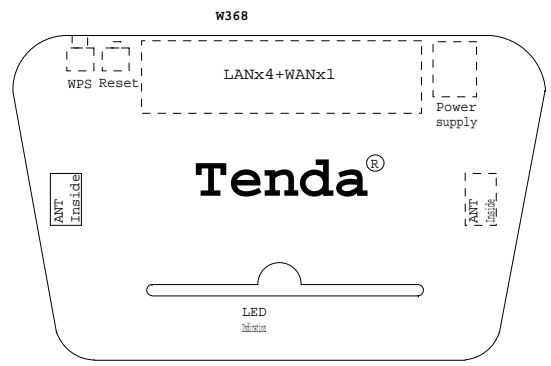


产品差异说明:
W368R: 2T2R, RT3052, 2M FLASH, 16M SDRAM, 内置: 根天线

原理说明:
Operational Principle
1. CPU: U1. The RT3052 SOC combines Realtek's 802.11n draft compliant 2T2R(RT3050:1T1R) MAC/BBP/2.4G ISM band Transceiver, a high performance 384MHz MIPS24KEc CPU core, 5-port integrated 10/100 Ethernet switch/PHY; An 40MHz crystal(U2) for CPU's reference frequency.
2. SDRAM: U8. Synlink HX57V2B1620FFP-H CMOS Synchronous DRAM, 16M Byte (16M x 16bit x 1PCS)
3. FLASH: U6. MXIC KH29LV320(160)CBTC-70G/MX29LV160CBTC-70G 2M Byte FLASH, used for store firmware and user's settings.
4. PA: U10,U12. Richtek RTC6691, Freq.Range:2.4GHz~2.5GHz. PA For transmitter, Gain:33.5db (Max);
5. LNA: U3,U2. Siemda SG80343Z, Freq.Range:2.4GHz~2.5GHz.LNA For RF receiver, Gain:17db (Max);
6. BPF: U9,U11. SF2012-E2R4DA, Freq.Range:2.4GHz~2.5GHz,IL@BW:2.5-3db;
7. RF Switch: U13,U15, skyworks AS179-92, transmit /receive SPDT Switch;
8. Power part: U16 and U14, CP2894 Step-Down PWM Converter, used for transfer DC8-14V to DC3.3V and DC1.5V ; ; U25 SE8117TALF LDO used for transfer DC3.3V to DC2.0V;



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