



产品差异说明:
 H3089a, 2229a, RT3052, 2K, FLASH, 32M, 6000M, 外置天线, 2.4GHz/500/500, 120P120, 黑色, 接收不保带宽

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, U7, Hynix HY57V281620TFP-H CMOS Synchronous DRAM, 16M Byte (16M X 16bit X 2PCS)
3. FLASH: U6, MXIC KH29LV320 (160)CBTC-70G/MX29LV160CBTC-70G 4M Byte FLASH, used for store firmware and user's settings
4. PA: U10,U12, RichWave RTC6691, Freq.Range:2.4GHz-2.5GHz. PA For transmitter, Gain:33.5db (Max);
5. LNA: U3,U2, Siemda SG803430, Freq.Range:2.4GHz-2.5GHz.LNA For RF receiver, Gain:17db (Max);
6. BPF: U9,U11, BQ2012-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 SE8117PALF LDO used for transfer DC3.3V to DC2.0V;

TENDA		
Title		
W307R		
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