

Circuit Discription

The BCM5356 processor is Broadcom's most integrated entry level chip, It incorporates IEEE 802.11b/g and single-stream IEEE 802.11n MAC and baseband and a 2.4GHz radio transceiver to achieve data rates of up to 150 Mbps. Also on chip is a powerful CPU core with 32-KB instruction cache and a 32K data cache and an optimized memory subsystem architecture that delivers system performance of over 100Mbps TCP throughput. It use a 20MHz oscillator.

The power module convert a 3.3V DC to the system.

HY57V641620FTP is a 4M x 16 bit SDRAM, MX25L8006 is a 1M SPI FLASH.

The RJ45 port support 10/100MHz data rate.