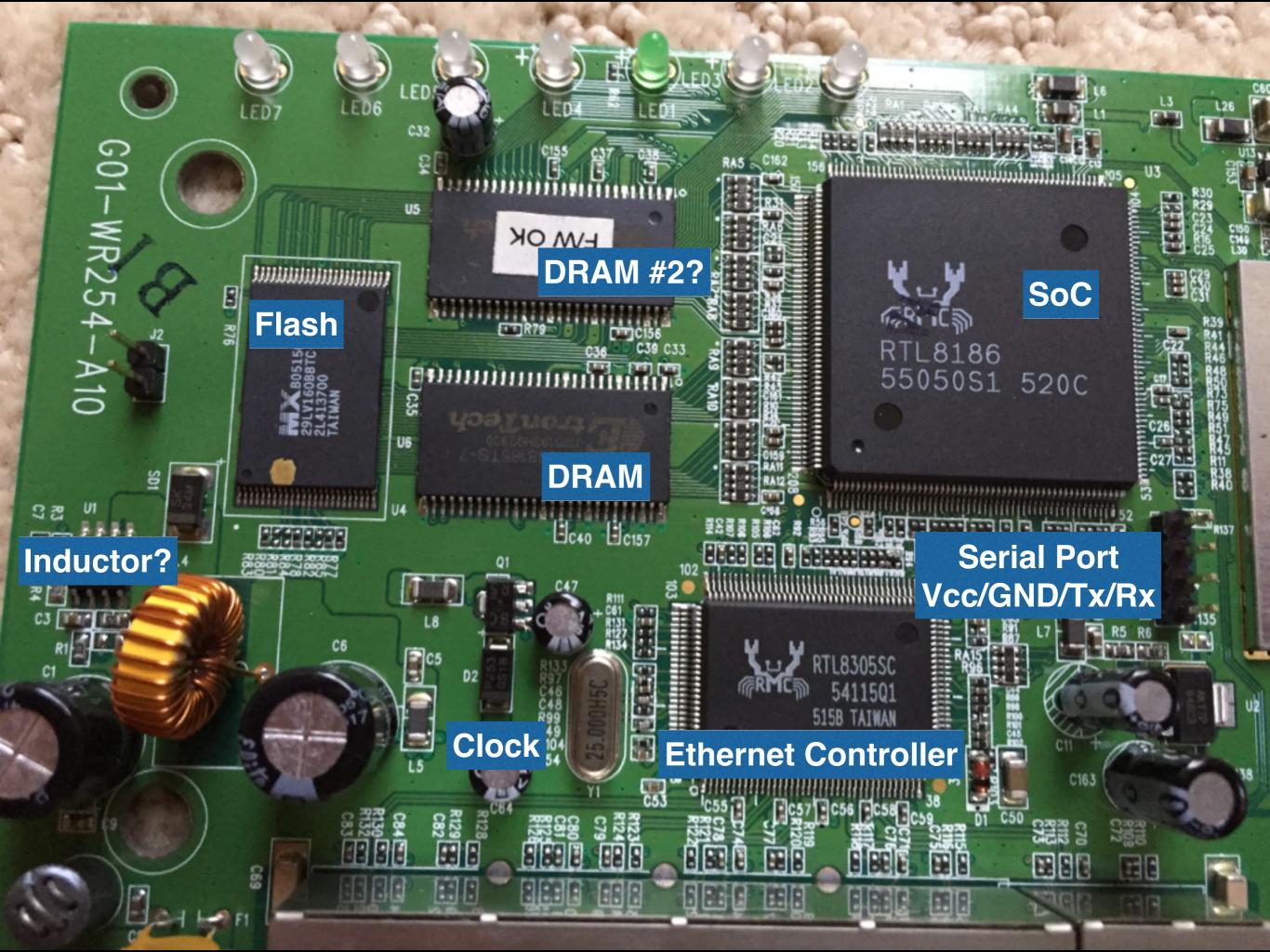
ZyXEL Wireless Router Teardown

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Embedded Firmware HW1
Oct 13 2014



Major Components

- CPU
 - RealTek RTL8186/RTL8186P
 - 32-bit RISC micro-controller
 - 180MHz
 - 8K I-Cache, 8K D-Cache, 4K I-RAM and 4K D-RAM
 - RTL8186: 208-pin PQFP; RTL8186P: 292-pin TFBGA
 - Link
 - RealTek RTL8305SC SOC 10/100MBps Switch Controller
 - Link

Major Components

- Memory
 - EtronTech 64Mb DRAM (Synchronous)
 - 143MHz clock frequency
 - Link
- Flash
 - Macronix 16Mb NOR Flash
 - 100K PE cycles
 - Link
- Clock 25Hz

Backup

