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[http://datahunter.org/openwrt\\_restore](http://datahunter.org/openwrt_restore)

atheros uboot ???????...

?????FW ??????uboot.??? openwrt ? ?????FW ??uboot??  
 ??????? ??????

```
mtd -r write fw.bin firmware
[e]Failed to erase block
```

?????FW ??uboot , ?uboot ???257\*512 =131584 ?? hex =0x20200  
 ???dd if=orig.bin of=mod.bin skip=257 bs=512  
 ??winhex ??????  
 ??FW????? Header TP-LINK ??????..

```
00000000 01 00 00 00 54 50 2d 4c 49 4e 4b 20 54 65 63 68 |...TP-LINK Tech|
00000010 6e 6f 6c 6f 67 69 65 73 00 00 00 00 76 65 72 2e |nologies...ver.|
00000020 20 31 2e 30 00 00 00 00 00 00 00 00 00 00 00 00 | 1.0.....|
00000030 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 |.....|
00000040 07 40 00 04 00 00 00 01 00 00 00 00 3f df 17 e0 |.@.....?...|
00000050 dd 25 a9 6b e8 62 53 bc 19 05 5b b5 00 00 00 00 |.%.k.bS...[....|
00000060 33 1d 49 c2 f8 8e 92 03 1f fc ac 70 30 73 1e 6b |3.L.....p0s.k|
00000070 00 00 00 00 80 00 20 00 80 1d 6c 50 00 3e 02 00 |..... ..lP.>..|
00000080 00 00 02 00 00 0d a3 18 00 10 00 00 00 2c 00 00 |.....,.,|
00000090 00 00 00 00 00 00 c1 55 00 03 00 10 00 06 00 00 |.....U.....|
000000a0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 |.....|
*
00000200 10 00 00 ff 00 00 00 00 10 00 00 fd 00 00 00 00 |.....|
00000210 10 00 01 8e 00 00 00 00 10 00 01 8c 00 00 00 00 |.....|
00000220 10 00 01 8a 00 00 00 00 10 00 01 88 00 00 00 00 |.....|
00000230 10 00 01 86 00 00 00 00 10 00 01 84 00 00 00 00 |.....|
00000240 10 00 01 82 00 00 00 00 10 00 01 80 00 00 00 00 |.....|
00000250 10 00 01 7e 00 00 00 00 10 00 01 7c 00 00 00 00 |...~.....|...|
00000260 10 00 01 7a 00 00 00 00 10 00 01 78 00 00 00 00 |...Z.....X...|
00000270 10 00 01 76 00 00 00 00 10 00 01 74 00 00 00 00 |...v.....t...|
.....
0000c340 60 c1 01 0a c1 a5 a7 41 22 a7 1f 59 5e f9 8c 03 |`.....A"..Y^...|
0000c350 9c 82 a0 64 f3 ff ff ff ff ff ff ff ff ff ff ff |...d.....|
0000c360 ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff |.....|
* ?????uboot ?????uboot firmware)
00020200 01 00 00 00 54 50 2d 4c 49 4e 4b 20 54 65 63 68 |...TP-LINK Tech|
00020210 6e 6f 6c 6f 67 69 65 73 00 00 00 00 76 65 72 2e |nologies...ver.|
00020220 20 31 2e 30 00 00 00 00 00 00 00 00 00 00 00 00 | 1.0.....|
00020230 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 |.....|
00020240 07 40 00 04 00 00 00 01 00 00 00 00 9d e6 8b f6 |.@.....|
00020250 77 03 09 24 a7 3e 4e 72 c9 b1 a0 04 00 00 00 00 |w.,$>Nr.....|
00020260 33 1d 49 c2 f8 8e 92 03 1f fc ac 70 30 73 1e 6b |3.L.....p0s.k|
00020270 00 00 00 00 80 00 20 00 80 1d 6c 50 00 3c 00 00 |..... ..lP.<..|
```

```

00020280 00 00 02 00 00 0d a3 18 00 10 00 00 00 2c 00 00 |.....,..|
00020290 00 00 00 00 00 00 00 00 00 03 00 10 00 06 00 00 |.....|
000202a0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 |.....|
*
00020400 5d 00 00 00 02 0c 83 27 00 00 00 00 00 00 00 6f |].....'.....o|
00020410 fd ff ff a3 b7 7f 63 c5 55 7e bc 4d 37 52 96 27 |.....c.U~.M7R.!'|
00020420 37 85 77 0a 76 7c 9c ea 33 4a 4b eb b9 9b 7a 11 |7.w.v|..3JK...z.|
00020430 fb ce b9 aa a4 90 b9 74 72 ab 50 51 06 2f 6e 57 |.....tr.PQ./nW|
00020440 42 85 14 3b 63 d4 7c e9 c2 20 fb dc 1f 11 83 d4 |B.;c|. .....|
00020450 d9 12 e0 66 4d 2b 08 11 7a b5 5d b3 00 d5 c6 0c |...fM+..z.].....|
00020460 9e 63 4f 83 a2 d7 20 e9 5c bc b9 71 71 42 a2 69 |.cO... \..qqB.i|
00020470 f7 a1 86 9d cb 99 79 94 bc a7 e1 29 32 bd 83 a3 |.....y....)2...|
.....
0036c0a0 89 63 ff e8 9b 97 5e 94 9a b6 80 99 4f 47 65 2e |.c....^.....OGe.|
0036c0b0 5e 01 00 2e 6e bc 5f 18 5e a3 68 e8 ff ff 2b 3a |^...n._^..h...+;|
0036c0c0 b9 00 d7 ba 24 00 00 00 00 00 04 80 00 00 00 00 |...$......|
0036c0d0 ca be 24 00 00 00 00 00 00 00 00 00 00 00 00 |..$......|
0036c0e0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 |.....|
*
0036c200 ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff |.....|
*
003e0200

```

????? [???](#)??????FW ???????

?????????router ?

```

mtd -r write mod.bin firmware

```

?????reboot ??????OK