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-
- (U-Boot)



: TFTP, FTP, SCP. , .

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1. • , •
2. • TFTP/FTP/SCP ICMP .
3. Console , Telnet SSH.
• , ping . -
4. • <server> IP- . FTP SCP- (<user>) (<password>). <file_name> , (SCP - <folder>). , .

TFTP:

```
esr# copy tftp://<server>:<file_name> system:firmware
```

FTP:

```
esr# copy ftp://[<user>[:<password>]@]<server>:<file_name> system:firmware
```

SCP:

```
esr# scp://[<user>[:<password>]@]<server>://<folder>/<file_name>system:firmware
```

SFTP:

```
esr# copy sftp://[<user>[:<password>]@]<server>:<file_name> system:firmware
```

SCP:

```
esr# scp://adm:password123@192.168.16.168://home/tftp/firmware system:firmware
```

5. , . *show bootvar* , .

```
esr# show bootvar
```

Image	Version	Date	Status	After reboot
1	1.0.7 build 141[f812808]	date 18/02/2015 time 16:12:54	Active	*
2	1.0.7 build 141[f812808]	date 18/02/2015 time 16:12:54	Not Active	

```
esr# boot system image-[1|2]
```

6. (U-Boot) . <server> IP- . FTP SCP- (<user>) (<password>). <file_name> , (SCP - <folder>). , .

TFTP:

```
esr# copy tftp://<server>:<file_name> system:boot-2
```

FTP:

```
esr# copy ftp://<server>:<file_name> system:boot-2
```

SCP:

```
esr# copy scp://[<user>[:<password>]@]<server>:<folder>/<file_name>system:boot-2
```

SFTP:

```
esr# copy sftp://<server>:<file_name> system:boot-2
```

:

1. U-Boot, <Esc>.

```
Configuring PoE...
distribution 1 dest_threshold 0xa drop_timer 0x0
Configuring POE in bypass mode
NAE configuration done!
initializing port 0, type 2.
initializing port 1, type 2.
SMC Endian Test:b81fb81f
nae-0, nae-1
=====Skip: Load SYS UCORE for old 8xxB1/3xxB0 revision on default.
Hit any key to stop autoboot: 2
```

2. IP- TFTP-:

```
BRCM.XLP316Lite Rev B0.u-boot# serverip 10.100.100.1
```

1.5 :

```
BRCM.XLP316Lite Rev B0.u-boot# serverip 10.100.100.1
```

3. IP-:

```
BRCM.XLP316Lite Rev B0.u-boot# ipaddr 10.100.100.2
```

1.5 :

```
BRCM.XLP316Lite Rev B0.u-boot# ipaddr 10.100.100.2
```

4. TFTP:-

```
BRCM.XLP316Lite Rev B0.u-boot# firmware_file firmware
```

1.5 :

```
BRCM.XLP316Lite Rev B0.u-boot# firmware_file firmware
```

5. «saveenv» .

6. :

```
BRCM.XLP316Lite Rev B0.u-boot# run tftp_update_image1
Using nae-0-3 device
TFTP from server 10.100.100.1; our IP address is 10.100.100.2
Filename 'esrl000/firmware'.
Load address: 0xa800000060000000
Loading: TftpStart:TftpTimeoutMsecs = 10000, TftpTimeoutCountMax = 6
#####
#####
#####
#####
done
Bytes transferred = 64453909 (3d77d15 hex)
Device 0: MT29F8G08ABBCAH4 ... is now current device

NAND erase: device 0 offset 0x1440000, size 0x6400000
Bad block table found at page 262080, version 0x01
Bad block table found at page 262016, version 0x01
Erasing at 0x7800000 -- 1895825408% complete..
OK

NAND write: device 0 offset 0x1440000, size 0x6400000
104857600 bytes written: OK
```

7. :

```
BRCM.XLP316Lite Rev B0.u-boot# run set_bootpart_1
```

1.5 :

```
BRCM.XLP316Lite Rev B0.u-boot# boot_system image1
BRCM.XLP316Lite Rev B0.u-boot# reset
```

(U-Boot)

NAND . flash .

, , «version» CLI U-Boot, :

```
BRCM.XLP316Lite Rev B0.u-boot# version
BRCM.XLP.U-Boot:1.1.0.47 (29/11/2016 - 19:00:24)
```

:

1. U-Boot, <Esc>.

```
Configuring PoE...
distribution 1 dest_threshold 0xa drop_timer 0x0
Configuring POE in bypass mode
NAE configuration done!
initializing port 0, type 2.
initializing port 1, type 2.
SMC Endian Test:b81fb81f
nae-0, nae-1
=====Skip: Load SYS UCORE for old 8xxB1/3xxB0 revision on default.
Hit any key to stop autoboot:  2
```

2. IP- TFTP:-

```
BRCM.XLP316Lite Rev B0.u-boot# setenv serverip 10.100.100.1
```

1.5 :

```
BRCM.XLP316Lite Rev B0.u-boot# serverip10.100.100.2
```

3. IP:-

```
BRCM.XLP316Lite Rev B0.u-boot# setenv ipaddr 10.100.100.2
```

1.5 :

```
BRCM.XLP316Lite Rev B0.u-boot# ipaddr 10.100.100.2
```

4. TFTP:-

```
BRCM.XLP316Lite Rev B0.u-boot# uboot_file u-boot.bin
```

1.5 :

```
BRCM.XLP316Lite Rev B0.u-boot# uboot_file u-boot.bin
```

5. «saveenv» .

6. :

```
BRCM.XLP316Lite Rev B0.u-boot# run upd_uboot
```

1.5 :

```
BRCM.XLP316LiteRevB0.u-boot# run tftp_update_uboot
Using nae-1 device
TFTP from server 10.100.100.1; our IP address is 10.100.100.2
Filename 'esr1000/u-boot.bin'.
Load address: 0xa800000078020000
Loading: #####
done
Bytes transferred = 852648 (d02a8 hex)
SF: Detected MX25L12805D with page size 256, total 16777216 bytes
16384 KiB MX25L12805D at 0:0 is now current device
```

7. :

BRCM.XLP316Lite Rev B0.u-boot# reset