

```
ITC_44 => setenv Kernel_address 0x60000000
ITC_44 => setenv fdt_address 0x65000000
```

```
ITC_44 => tftp $Kernel_address zImage
smc911x: detected LAN9118 controller
smc911x: phy initialized
smc911x: MAC 52:54:00:12:34:56
Using ethernet@3,02000000 device
TFTP from server 192.168.1.6; our IP address is 192.168.1.200
Filename 'zImage'.
Load address: 0x60000000
Loading: #####
####
#####
####
#####
####
#####
####
#####
7.3 MiB/s
done
Bytes transferred = 3964208 (3c7d30 hex)
smc911x: MAC 52:54:00:12:34:56
ITC_44 =>
```

```
smc911x: MAC 52:54:00:12:34:56
ITC_44 => md $Kernel_address
60000000: e1a00000 e1a00000 e1a00000 e1a00000 .....
60000010: e1a00000 e1a00000 e1a00000 e1a00000 .....
60000020: ea000005 016f2818 00000000 003c7d30 .....(o.....0}<.
60000030: 04030201 45454545 00006348 e10f9000 ....EEEEHc.....
60000040: eb000d4e e1a07001 e1a08002 e10f2000 N....p..... ..
60000050: e3120003 1a000001 e3a00017 ef123456 .....V4..
60000060: e10f0000 e220001a e310001f e3c0001f .....
60000070: e38000d3 1a000004 e3800c01 e28fe00c .....
60000080: e16ff000 e12ef30e e160006e e121f000 ..o.....n.`...!.
60000090: e16ff009 00000000 00000000 00000000 ..o.....
600000a0: e1a0000f e200033e e28f1c02 e591d000 ....>.....
600000b0: e08dd001 e1a01008 eb00170a e2804902 .....I..
600000c0: e1a0000f e1500004 359f01e8 3080000f .....P....5...0
600000d0: 31540000 33844001 2b000078 e28f0f73 ..T1.@.3x..+s...
600000e0: e590d000 e5906004 e08dd000 e0866000 .....`.....`..
600000f0: e28f9f71 e599a000 e08aa009 e5da9000 q.....
ITC_44 =>
```

```

ITI_44 => tftp $fdt_address vexpress-v2p-ca9.dtb
smc911x: detected LAN9118 controller
smc911x: phy initialized
smc911x: MAC 52:54:00:12:34:56
Using ethernet@3,02000000 device
TFTP from server 192.168.1.6; our IP address is 192.168.1.200
Filename 'vexpress-v2p-ca9.dtb'.
Load address: 0x65000000
Loading: #
          551.8 KiB/s
done
Bytes transferred = 14129 (3731 hex)
smc911x: MAC 52:54:00:12:34:56
ITI_44 => md $fdt_address
65000000: edfe0dd0 31370000 38000000 9c330000 .....71...8..3.
65000010: 28000000 11000000 10000000 00000000 ...(.....
65000020: 95030000 64330000 00000000 00000000 .....3d.....
65000030: 00000000 00000000 01000000 00000000 .....
65000040: 03000000 08000000 00000000 2d503256 .....V2P-
65000050: 00394143 03000000 04000000 06000000 CA9.....
65000060: 91010000 03000000 04000000 0e000000 .....
65000070: 0f000000 03000000 22000000 20000000 ....."...
65000080: 2c6d7261 70786576 73736572 7032762c arm,vexpress,v2p
65000090: 3961632d 6d726100 7865762c 73657270 -ca9.arm,vexpres
650000a0: 00000073 03000000 04000000 2b000000 s.....+
650000b0: 01000000 03000000 04000000 3c000000 .....<
650000c0: 01000000 03000000 04000000 4b000000 .....K
650000d0: 01000000 01000000 40737562 30303034 .....bus@4000
650000e0: 30303030 00000000 03000000 0b000000 0000.....
650000f0: 20000000 706d6973 622d656c 00007375 ... simple-bus..
ITI_44 =>

```

```

Kernel panic - not syncing: VFS: Unable to mount root fs on unknown-bl
ock(0,0)
CPU: 0 PID: 1 Comm: swapper/0 Not tainted 6.7.0MinaKernel-v1.0+ #1
Hardware name: ARM-Versatile Express
unwind_backtrace from show_stack+0x10/0x14
show_stack from dump_stack_lvl+0x40/0x4c
dump_stack_lvl from panic+0x104/0x320
panic from mount_root_generic+0x20c/0x2b4
mount_root_generic from prepare_namespace+0x1f8/0x248
prepare_namespace from kernel_init+0x18/0x12c
kernel_init from ret_from_fork+0x14/0x28
Exception stack(0x88825fb0 to 0x88825ff8)
5fa0: 00000000 00000000 00000000 0
00000000
5fc0: 00000000 00000000 00000000 00000000 00000000 00000000 00000000 0
00000000
5fe0: 00000000 00000000 00000000 00000000 00000013 00000000
---[ end Kernel panic - not syncing: VFS: Unable to mount root fs on u
nknown-block(0,0) ]---

```