

U-Boot 2010.06 (Feb 24 2014 - 19:15:53) [nelk-4.1.1-Dido-min]

TI8148-GP rev 3.0

ARM clk: 600MHz

DDR clk: 400MHz

L3 clk: 200MHz

DSS clk: 200MHz

IVA clk: 266MHz

ISS clk: 400MHz

DSP clk: 500MHz

DRAM: 2 GiB

Using default environment

Hit any key to stop autoboot: 0

32768 KiB S25FL256S_64K at 0:0 is now current device

Starting application at 0x81000000 ...

U-Boot 2010.06 (Feb 24 2014 - 19:16:30) [nelk-4.1.1-Dido]

TI8148-GP rev 3.0

ARM clk: 600MHz

DDR clk: 400MHz

L3 clk: 200MHz

DSS clk: 200MHz

IVA clk: 266MHz

ISS clk: 400MHz

DSP clk: 500MHz

I2C: ready

DRAM: 2 GiB

NAND: HW ECC BCH8 Selected

1024 MiB

MMC: OMAP SD/MMC: 0

MUX: configuring for evb_mid

Net: Detected MACID:00:50:C2:1E:A0:89

cpsw

Hit any key to stop autoboot: 0

DIDO#setenv bootargs 'console=ttyO0,115200n8 rootwait rw mem=364M vmalloc=500M '

DIDO#boot

Trying port: 6

Auto negotiation DONE!

Skipping PHY 0x1

link up on port 0, speed 100, full duplex

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BOOTP broadcast 1
DHCP client bound to address 192.168.1.2
Trying port: 6
Auto negotiation DONE!
Skipping PHY 0x1
link up on port 0, speed 100, full duplex
Using cpsw device
TFTP from server 192.168.1.3; our IP address is 192.168.1.2
Filename 'ulImage.dido'.
Load address: 0x81000000
Loading: #####
#####
#####
#####
#####
#####
#####
#####
#####
#####
#####
done
Bytes transferred = 3225888 (313920 hex)
## Booting kernel from Legacy Image at 81000000 ...
Image Name: Linux-2.6.37-naon-4.1.1+
Image Type: ARM Linux Kernel Image (uncompressed)
Data Size: 3225824 Bytes = 3.1 MiB
Load Address: 80008000
Entry Point: 80008000
Verifying Checksum ... OK
Loading Kernel Image ... OK
OK

Starting kernel ...

Uncompressing Linux... done, booting the kernel.
[ 0.000000] Linux version 2.6.37-naon-4.1.1+ (boomer@boomer-To-be-filled-by-7
[ 0.000000] CPU: ARMv7 Processor [413fc082] revision 2 (ARMv7), cr=10c53c7f
[ 0.000000] CPU: VIPT nonaliasing data cache, VIPT aliasing instruction cache
[ 0.000000] Machine: dido
[ 0.000000] ti81xx_reserve: ### Reserved DDR region @96b00000
[ 0.000000] reserved size = 52428800 at 0x0
[ 0.000000] FB: Reserving 52428800 bytes SDRAM for VRAM
[ 0.000000] Memory policy: ECC disabled, Data cache writeback
[ 0.000000] OMAP chip is TI8148 3.0
[ 0.000000] SRAM: Mapped pa 0x402f1000 to va 0xfe400000 size: 0xf000
[ 0.000000] Built 1 zonelists in Zone order, mobility grouping on. Total pa0
[ 0.000000] Kernel command line: console=ttyO0,115200n8 rootwait rw mem=364Mp
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[ 0.000000] PID hash table entries: 2048 (order: 1, 8192 bytes)
[ 0.000000] Dentry cache hash table entries: 65536 (order: 6, 262144 bytes)
[ 0.000000] Inode-cache hash table entries: 32768 (order: 5, 131072 bytes)
[ 0.000000] Memory: 312MB 1MB = 313MB total
[ 0.000000] Memory: 310344k/310344k available, 62392k reserved, 0K highmem
[ 0.000000] Virtual kernel memory layout:
[ 0.000000]   vector : 0xffff0000 - 0xffff1000   ( 4 kB)
[ 0.000000]   fixmap : 0xfff00000 - 0xfffe0000   ( 896 kB)
[ 0.000000]   DMA    : 0xffc00000 - 0xffe00000   ( 2 MB)
[ 0.000000]   vmalloc : 0xd7000000 - 0xf8000000   ( 528 MB)
[ 0.000000]   lowmem  : 0xc0000000 - 0xd6c00000   ( 364 MB)
[ 0.000000]   pkmap   : 0xbfe00000 - 0xc0000000   ( 2 MB)
[ 0.000000]   modules : 0xbf000000 - 0xbfe00000   ( 14 MB)
[ 0.000000]   .init : 0xc0008000 - 0xc0036000   ( 184 kB)
[ 0.000000]   .text : 0xc0036000 - 0xc0615000  (6012 kB)
[ 0.000000]   .data : 0xc0616000 - 0xc0660d80   ( 300 kB)
[ 0.000000] SLUB: Genslabs=11, HWalign=64, Order=0-3, MinObjects=0, CPUs=1, 1
[ 0.000000] NR_IRQS:375
[ 0.000000] omap_hwmod: gpio1: softreset failed (waited 10000 usec)
[ 0.000000] omap_hwmod: gpio2: softreset failed (waited 10000 usec)
[ 0.000000] omap_hwmod: gpio3: softreset failed (waited 10000 usec)
[ 0.000000] omap_hwmod: gpio4: softreset failed (waited 10000 usec)
[ 0.000000] IRQ: Found an INTC at 0xfa200000 (revision 5.0) with 128 interrups
[ 0.000000] Total of 128 interrupts on 1 active controller
[ 0.000000] GPMC revision 6.0
[ 0.000000] Trying to install interrupt handler for IRQ368
[ 0.000000] Trying to install interrupt handler for IRQ369
[ 0.000000] Trying to install interrupt handler for IRQ370
[ 0.000000] Trying to install interrupt handler for IRQ371
[ 0.000000] Trying to install interrupt handler for IRQ372
[ 0.000000] Trying to install interrupt handler for IRQ373
[ 0.000000] Trying to install interrupt handler for IRQ374
[ 0.000000] Trying to install type control for IRQ375
[ 0.000000] Trying to set irq flags for IRQ375
[ 0.000000] OMAP clockevent source: GPTIMER1 at 20000000 Hz
[ 0.000000] Console: colour dummy device 80x30
[ 0.000000] Calibrating delay loop... 598.01 BogoMIPS (lpj=2990080)
[ 0.220000] pid_max: default: 32768 minimum: 301
[ 0.230000] Security Framework initialized
[ 0.230000] Mount-cache hash table entries: 512
[ 0.230000] CPU: Testing write buffer coherency: ok
[ 0.230000] devtmpfs: initialized
[ 0.230000] TI81XX: Map 0x96b00000 to 0xfe500000 for dram barrier
[ 0.230000] TI81XX: Map 0x40300000 to 0xfe600000 for sram barrier
[ 0.230000] omap_voltage_early_init: voltage driver support not added
[ 0.230000] regulator: core version 0.5
[ 0.230000] regulator: dummy:

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[0.230000] NET: Registered protocol family 16
[0.230000] omap_voltage_domain_lookup: Voltage driver init not yet happened!
[0.230000] omap_voltage_add_dev: VDD specified does not exist!
[0.230000] OMAP GPIO hardware version 0.1
[0.230000] OMAP GPIO hardware version 0.1
[0.230000] OMAP GPIO hardware version 0.1
[0.230000] OMAP GPIO hardware version 0.1
[0.230000] ti81xx_register_mcas: platform not supported
[0.230000] SATA PLL already initialized
[0.240000] clk get on i2c3 fck failed
[0.240000] Cannot clk_get ck_32
[0.240000] Debugfs: Only enabling/disabling deep sleep and wakeup timer is w
[0.240000] registered ti81xx_vpss device
[0.240000] registered ti81xx_vidout device
[0.240000] registered ti81xx on-chip HDMI device
[0.240000] registered ti81xx_fb device
[0.240000] registered ti81xx_vin device
[0.250000] bio: create slab <bio-0> at 0
[0.250000] SCSI subsystem initialized
[0.250000] usbcore: registered new interface driver usbfs
[0.250000] usbcore: registered new interface driver hub
[0.250000] usbcore: registered new device driver usb
[0.250000] USBSS revision 4ea2080b
[0.250000] registerd cpqi-dma Intr @ IRQ 17
[0.250000] Cppi41 Init Done
[0.250000] omap_i2c omap_i2c.1: bus 1 rev4.0 at 100 kHz
[0.250000] regulator: VRTC: 1800 mV
[0.250000] regulator: VIO: 1500 mV
[0.260000] regulator: VDD1: 600 <--> 1500 mV at 1200 mV
[0.260000] regulator: VDD2: 600 <--> 1500 mV at 1200 mV
[0.260000] regulator: VDDCTRL: 600 <--> 1400 mV at 1200 mV
[0.260000] regulator: LDO1: 1100 <--> 3300 mV at 1800 mV
[0.260000] regulator: LDO2: 1100 <--> 3300 mV at 1800 mV
[0.260000] regulator: LDO3: 1100 <--> 3300 mV at 3300 mV
[0.270000] regulator: LDO4: 1100 <--> 3300 mV at 1800 mV
[0.270000] regulator: LDO5: 1100 <--> 3300 mV at 3300 mV
[0.270000] regulator: LDO6: 1100 <--> 3300 mV at 3300 mV
[0.270000] regulator: LDO7: 1100 <--> 3300 mV at 3300 mV
[0.270000] regulator: LDO8: 1100 <--> 3300 mV at 1800 mV
[0.280000] regulator: tps62353: 750 <--> 1537 mV at 1200 mV
[0.290000] omap_i2c omap_i2c.3: bus 3 rev4.0 at 100 kHz
[0.310000] omap_i2c omap_i2c.4: bus 4 rev4.0 at 100 kHz
[0.310000] Advanced Linux Sound Architecture Driver Version 1.0.23.
[0.310000] Bluetooth: Core ver 2.15
[0.310000] NET: Registered protocol family 31
[0.310000] Bluetooth: HCI device and connection manager initialized
[0.310000] Bluetooth: HCI socket layer initialized

[0.310000] cfg80211: Calling CRDA to update world regulatory domain
[0.310000] Switching to clocksource gp timer
[0.320000] musb-hdrc: version 6.0, host, debug=0
[0.320000] musb-hdrc musb-hdrc.0: dma type: dma-cppi41
[0.320000] MUSB controller-0 revision 4ea20800
[0.320000] usb2phy: computed values rxcalib(15)DACs(34 15 15)
[0.320000] usb2phy: override computed values rxcalib(15)DACs(34 15 15)
[0.320000] usb2phy_config: musb(0) rxcalib done, rxcalib read value 6f715f7e
[0.320000] musb-hdrc musb-hdrc.0: MUSB HDRC host driver
[0.320000] musb-hdrc musb-hdrc.0: new USB bus registered, assigned bus numb1
[0.320000] usb usb1: New USB device found, idVendor=1d6b, idProduct=0002
[0.320000] usb usb1: New USB device strings: Mfr=3, Product=2, SerialNumber1
[0.320000] usb usb1: Product: MUSB HDRC host driver
[0.320000] usb usb1: Manufacturer: Linux 2.6.37-naon-4.1.1+ musb-hcd
[0.320000] usb usb1: SerialNumber: musb-hdrc.0
[0.320000] hub 1-0:1.0: USB hub found
[0.320000] hub 1-0:1.0: 1 port detected
[0.320000] musb-hdrc musb-hdrc.0: USB Host mode controller at d701e000 usin8
[0.320000] musb-hdrc musb-hdrc.1: dma type: dma-cppi41
[0.320000] MUSB controller-1 revision 4ea20800
[0.320000] usb2phy: computed values rxcalib(15)DACs(30 13 14)
[0.320000] usb2phy: override computed values rxcalib(15)DACs(30 13 14)
[0.320000] usb2phy_config: musb(1) rxcalib done, rxcalib read value 6f6f5b76
[0.320000] musb-hdrc musb-hdrc.1: MUSB HDRC host driver
[0.320000] musb-hdrc musb-hdrc.1: new USB bus registered, assigned bus numb2
[0.320000] usb usb2: New USB device found, idVendor=1d6b, idProduct=0002
[0.320000] usb usb2: New USB device strings: Mfr=3, Product=2, SerialNumber1
[0.320000] usb usb2: Product: MUSB HDRC host driver
[0.320000] usb usb2: Manufacturer: Linux 2.6.37-naon-4.1.1+ musb-hcd
[0.330000] usb usb2: SerialNumber: musb-hdrc.1
[0.330000] hub 2-0:1.0: USB hub found
[0.330000] hub 2-0:1.0: 1 port detected
[0.330000] musb-hdrc musb-hdrc.1: USB Host mode controller at d7028800 usin9
[0.330000] NET: Registered protocol family 2
[0.330000] IP route cache hash table entries: 4096 (order: 2, 16384 bytes)
[0.330000] TCP established hash table entries: 16384 (order: 5, 131072 byte)
[0.330000] TCP bind hash table entries: 16384 (order: 4, 65536 bytes)
[0.330000] TCP: Hash tables configured (established 16384 bind 16384)
[0.330000] TCP reno registered
[0.330000] UDP hash table entries: 256 (order: 0, 4096 bytes)
[0.330000] UDP-Lite hash table entries: 256 (order: 0, 4096 bytes)
[0.330000] NET: Registered protocol family 1
[0.330000] RPC: Registered udp transport module.
[0.330000] RPC: Registered tcp transport module.
[0.330000] RPC: Registered tcp NFSv4.1 backchannel transport module.
[0.330000] NetWinder Floating Point Emulator V0.97 (double precision)
[0.330000] Naon Custom Power Management registered

[0.330000] omap-iommu omap-iommu.0: ducati registered
[0.330000] omap-iommu omap-iommu.1: sys registered
[0.490000] squashfs: version 4.0 (2009/01/31) Phillip Lougher
[0.490000] JFFS2 version 2.2. (NAND) © 2001-2006 Red Hat, Inc.
[0.490000] msgmni has been set to 606
[0.490000] io scheduler noop registered
[0.490000] io scheduler deadline registered
[0.490000] io scheduler cfq registered (default)
[0.490000] Serial: 8250/16550 driver, 4 ports, IRQ sharing enabled
[0.490000] omap_uart.0: ttyO0 at MMIO 0x48020000 (irq = 72) is a OMAP UART0
[1.420000] ti81xx_interrupt 991: VBUS error workaround (delay coming)
[1.430000] console [ttyO0] enabled
[1.430000] omap_uart.1: ttyO1 at MMIO 0x48022000 (irq = 73) is a OMAP UART1
[1.440000] omap_uart.2: ttyO2 at MMIO 0x48024000 (irq = 74) is a OMAP UART2
[1.450000] omap_uart.3: ttyO3 at MMIO 0x481a6000 (irq = 44) is a OMAP UART3
[1.460000] omap_uart.4: ttyO4 at MMIO 0x481a8000 (irq = 45) is a OMAP UART4
[1.460000] omap_uart.5: ttyO5 at MMIO 0x481aa000 (irq = 46) is a OMAP UART5
[1.480000] brd: module loaded
[1.490000] loop: module loaded
[1.490000] at24 4-0051: 4096 byte 24c32 EEPROM (writable)
[1.500000] ahci ahci.0: forcing PORTS_IMPL to 0x1
[1.500000] ahci ahci.0: AHCI 0001.0300 32 slots 1 ports 3 Gbps 0x1 impl pla
[1.510000] ahci ahci.0: flags: ncq sntf pm led clo only pmp pio slum part c
[1.520000] scsi0 : ahci_platform
[1.520000] ata1: SATA max UDMA/133 mmio [mem 0x4a140000-0x4a150fff] port 0x6
[1.530000] omap2-nand driver initializing
[1.540000] ONFI flash detected
[1.540000] ONFI param page 0 valid
[1.540000] NAND device: Manufacturer ID: 0x01, Chip ID: 0xd3 (AMD S34ML08G1)
[1.550000] Creating 7 MTD partitions on "omap2-nand.0":
[1.560000] 0x000000000000-0x000000020000 : "NAND U-Boot-min"
[1.570000] 0x000000020000-0x000000060000 : "NAND U-Boot"
[1.570000] 0x000000060000-0x000000080000 : "NAND U-Boot Env1"
[1.580000] 0x000000080000-0x0000000a0000 : "NAND U-Boot Env2"
[1.590000] 0x0000000a0000-0x00000004a0000 : "NAND Kernel"
[1.600000] 0x00000004a0000-0x0000008000000 : "NAND File System (small)"
[1.730000] 0x0000008000000-0x00000020000000 : "NAND File System (big)"
[2.190000] davinci_mdio davinci_mdio.0: davinci mdio revision 1.6
[2.190000] davinci_mdio davinci_mdio.0: detected phy mask fffffffb
[2.200000] davinci_mdio.0: probed
[2.200000] davinci_mdio davinci_mdio.0: phy[6]: device 0:06, driver SMSC LA0
[2.210000] CAN device driver interface
[2.220000] CAN bus driver for Bosch D_CAN controller 1.0
[2.220000] d_can d_can: d_can device registered (irq=52, irq_obj=53)
[2.230000] tun: Universal TUN/TAP device driver, 1.6
[2.230000] tun: (C) 1999-2004 Max Krasnyansky <maxk@qualcomm.com>
[2.240000] usbcore: registered new interface driver asix

[2.250000] Initializing USB Mass Storage driver...

[2.250000] usbcore: registered new interface driver usb-storage

[2.260000] USB Mass Storage support registered.

[2.260000] mice: PS/2 mouse device common for all mice

[2.270000] ata1: SATA link down (SStatus 0 SControl 300)

[2.280000] input: max7359 as /devices/platform/omap/omap_i2c.4/i2c-4/4-00380

[2.290000] TSC2007 Driver Register sysfs

[2.290000] input: TSC2007 Touchscreen as /devices/virtual/input/input1

[2.300000] tps65910-rtc tps65910-rtc: Found RC mode, switching to crystal

[2.310000] tps65910-rtc tps65910-rtc: rtc core: registered tps65910-rtc as 0

[2.320000] i2c /dev entries driver

[2.320000] Linux video capture interface: v2.00

[2.330000] Driver for 1-wire Dallas network protocol.

[2.340000] ina2xx 3-0041: power monitor INA226 (Rshunt = 10000 uOhm)

[2.350000] OMAP Watchdog Timer Rev 0x00: initial timeout 60 sec

[2.350000] Bluetooth: HCI UART driver ver 2.2

[2.360000] Bluetooth: HCI H4 protocol initialized

[2.360000] Bluetooth: HCI BCSP protocol initialized

[2.370000] Bluetooth: HCILL protocol initialized

[2.390000] cpuidle: using governor ladder

[2.390000] cpuidle: using governor menu

[2.400000] usbcore: registered new interface driver usbhid

[2.400000] usbhid: USB HID core driver

[2.410000] ALSA device list:

[2.410000] No soundcards found.

[2.420000] NET: Registered protocol family 26

[2.420000] TCP cubic registered

[2.430000] NET: Registered protocol family 17

[2.430000] can: controller area network core (rev 20090105 abi 8)

[2.440000] NET: Registered protocol family 29

[2.440000] can: raw protocol (rev 20090105)

[2.450000] can: broadcast manager protocol (rev 20090105 t)

[2.450000] Bluetooth: L2CAP ver 2.15

[2.460000] Bluetooth: L2CAP socket layer initialized

[2.460000] Bluetooth: SCO (Voice Link) ver 0.6

[2.470000] Bluetooth: SCO socket layer initialized

[2.470000] Bluetooth: RFCOMM TTY layer initialized

[2.480000] Bluetooth: RFCOMM socket layer initialized

[2.480000] Bluetooth: RFCOMM ver 1.11

[2.490000] Bluetooth: BNEP (Ethernet Emulation) ver 1.3

[2.490000] Bluetooth: BNEP filters: protocol multicast

[2.500000] Bluetooth: HIDP (Human Interface Emulation) ver 1.2

[2.500000] 802.1Q VLAN Support v1.8 Ben Greear <greearb@candelatech.com>

[2.510000] All bugs added by David S. Miller <davem@redhat.com>

[2.520000] lib80211: common routines for IEEE802.11 drivers

[2.520000] Registering the dns_resolver key type

[2.530000] VFP support v0.3: implementor 41 architecture 3 part 30 variant 3

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[ 2.540000] omap_voltage_late_init: Voltage driver support not added
[ 2.540000] Power Management for TI81XX.
[ 2.550000] CPSW initializing in DUAL mode
[ 2.560000] Detected MACID=84:7E:40:EF:C4:82
[ 2.560000] Detected MACID=84:7E:40:EF:C4:83
[ 2.570000] tps65910-rtc tps65910-rtc: setting system clock to 2000-01-01 00)
[ 3.090000]
[ 3.090000] CPSW phy found : id is : 0x7c0f1
[ 3.100000] 8021q: adding VLAN 0 to HW filter on device eth0
[ 3.110000] Adding vlanid 0 to vlan filter
[ 3.120000] PHY 0:01 not found
[ 3.120000] 8021q: adding VLAN 0 to HW filter on device eth1
[ 3.130000] Adding vlanid 0 to vlan filter
[ 4.140000] Sending DHCP requests .
[ 6.090000] PHY: 0:06 - Link is Up - 100/Full
[ 6.960000] ., OK
[ 6.980000] IP-Config: Got DHCP answer from 0.0.0.0, my address is 192.168.14
[ 6.980000] IP-Config: Complete:
[ 6.990000]   device=eth0, addr=192.168.1.4, mask=255.255.255.0, gw=192.1,
[ 7.000000]   host=192.168.1.4, domain=TOTOLINK, nis-domain=(none),
[ 7.000000]   bootserver=0.0.0.0, rootserver=192.168.1.3, rootpath=
[ 7.050000] VFS: Mounted root (nfs filesystem) on device 0:14.
[ 7.050000] devtmpfs: mounted
[ 7.060000] Freeing init memory: 184K
INIT: version 2.86 booting
Please wait: booting...
Starting udev
[ 8.230000] udevd (82): /proc/82/oom_adj is deprecated, please use /proc/82/.
Root filesystem already rw, not remounting
Caching udev devnodes
[ 13.540000] NET: Registered protocol family 10
ALSA: Restoring mixer settings...
NOT configuring network interfaces: / is an NFS mount
/usr/sbin/alsactl: load_state:1625: No soundcards found...
Mon Dec 31 10:37:00 UTC 2012
INIT: Entering runlevel: 5
Loading HDVICP2 Firmware
DM814X prcm_config_app version: 2.0.0.1
Doing PRCM settings...
    PRCM for IVHD0 is in Progress, Please wait.....
        BW Phy Addr : 0x48180600 Data : 0x00000002
        AW Phy Addr : 0x48180600 Data : 0x00000002
        Phy Addr : 0x48180c04 Data : 0x00000037
        BW Phy Addr : 0x48180620 Data : 0x00070000
        AW Phy Addr : 0x48180620 Data : 0x00050002
        BW Phy Addr : 0x48180624 Data : 0x00030000
        AW Phy Addr : 0x48180624 Data : 0x00010002
```


PRCM for IVHD0 is Done Successfully

Starting Matrix GUI application.

$\overline{1} \quad \overline{2} \quad \overline{3} \quad \overline{4} \quad \overline{5} \quad \overline{6} \quad \overline{7} \quad \overline{8} \quad \overline{9} \quad \overline{10}$
 $\overline{1} \quad \overline{2} \quad \overline{3} \quad \overline{4} \quad \overline{5} \quad \overline{6} \quad \overline{7} \quad \overline{8} \quad \overline{9} \quad \overline{10}$
 $\overline{1} \quad \overline{2} \quad \overline{3} \quad \overline{4} \quad \overline{5} \quad \overline{6} \quad \overline{7} \quad \overline{8} \quad \overline{9} \quad \overline{10}$

FIRMWARE: I2cInit will be done by M3

FIRMWARE: Memory map bin file not passed

Usage : firmware_loader <Processor Id> <Location of Firmware> <start|stop> [-mm]

===Mandatory arguments===

<Processor Id> 0: DSP, 1: Video-M3, 2: Vpss-M3

<Location of Firmware> firmware binary file

<start|stop> to start/stop the firmware

===Optional arguments===

-mmap input memory map bin file name

-i2c 0: i2c init not done by M3, 1(default): i2c init done by

FIRMWARE: isl2clnitRequiredOnM3: 1

FIRMWARE: Default memory configuration is used

Firmware Loader debugging not configured

Default FL_DEBUG: warning

Allowed FL_DEBUG levels: error, warning, info, debug, log

MemCfg: DCMM (Dynamically Configurable Memory Map) Version : 2.1.2.1

[77.910000] Unable to handle kernel paging request at virtual address fffffffa

[77.920000] pgd = d20e0000

[77.920000] [fffffffa] *pgd=96afe021, *pte=00000000, *ppte=00000000

[77.930000] Internal error: Oops: 17 [#1]

[77.930000] last sysfs file: /sys/kernel/uevent_seqnum

[77.930000] Modules linked in: syslink ipv6

[77.930000] CPU: 0 Not tainted (2.6.37-naon-4.1.1+ #2)

[77.930000] PC is at notify_shm_drv_create+0x334/0x464

[77.930000] LR is at 0x100

[77.930000] pc : [<0367748>] lr : [<00000100>] psr: 60000013

[77.930000] sp : d20add10 ip : 00001100 fp : d20add64

[77.930000] r10: d23f7300 r9 : 00000002 r8 : d23f7384

[77.930000] r7 : d20add6c r6 : 00000020 r5 : d23f7300 r4 : 00000000

[77.930000] r3 : c06560ac r2 : 00000001 r1 : 00000002 r0 : fffffffea

[77.930000] Flags: nZCv IRQs on FIQs on Mode SVC_32 ISA ARM Segment user

[77.930000] Control: 10c5387d Table: 920e0019 DAC: 00000015

[77.930000] Process firmware_loader (pid: 1253, stack limit = 0xd20ac2e8)

[77.930000] Stack: (0xd20add10 to 0xd20ae000)

[77.930000] dd00: 00000000 fffffffea c0368

[77.930000] dd20: c0366f5c c0366980 c03668cc c0366e10 c0366d0c c0655de4 0000c

[77.930000] dd40: 00000002 00000000 dd800000 c069d5c4 00000000 dd800128 d20a8

[77.930000] dd60: c0366660 c0367420 c03664c0 dd800000 00000000 00000080 00000

[77.930000] dd80: 0000004d 00000000 ffffffff dd800000 00000002 bf145db0 00000

[77.930000] dda0: d20addbc d20addb0 c0364170 c0366590 d20adddc d20addc0 bf08c

[77.930000] ddc0: dd800000 00000002 00000000 00000000 d20ade3c d20ade0 bf09c

[77.930000] dde0: ffffffff a0000013 00000200 00000080 bf145db0 dd800000 00203

[77.930000] de00: 00180000 00000080 00180001 00000000 c0074e20 00053f5c ffff0

[77.930000] de20: 00000002 be850a84 be850a84 00000000 d20ade74 d20ade40 bf064

[77.930000] de40: 00000000 be850a8c bf145db0 be850a8c d20adef4 d20ade60 babe2

[77.930000] de60: 00000000 bf145db0 d20ade9c d20ade78 bf097758 bf062d4c babe0

[77.930000] de80: c014f497 d20dab80 00000000 00000005 d20adef4 d20adea0 bf0d0

[77.930000] dea0: c014f497 be850a84 00000e8e 00000000 00000000 00090002 babe0

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[ 77.930000] dec0: dbef3000 00096a0c c00b4f8c 00000000 d20dab80 00000005 00004
[ 77.930000] dee0: d20ac000 00000000 d20adf04 d20adef8 c00d6040 bf0d1aa4 d20a8
[ 77.930000] df00: c00d6750 c00d6024 d23881b8 00000000 d23881b8 d23880b0 d20a8
[ 77.930000] df20: c00b6b4c c00c5da8 d23881b8 d379b000 d20adf84 d20adf40 c00b4
[ 77.930000] df40: 40e49000 d2154cc0 00000006 00000000 be850a84 c014f497 00000
[ 77.930000] df60: d20ac000 00000000 d20adfa4 d20adf78 c00d67e8 c00d625c d20a1
[ 77.930000] df80: c00b7be0 00046ee8 00000000 00008e20 00000036 c0040fe8 00008
[ 77.930000] dfa0: c0040e40 c00d679c 00046ee8 00000000 00000005 c014f497 be855
[ 77.930000] dfc0: 00046ee8 00000000 00008e20 00000036 00000000 00000000 40064
[ 77.930000] dfe0: 00000000 be850a48 0002f294 40149aec 20000010 00000005 00000
[ 77.930000] Backtrace:
[ 77.930000] [<c0367414>] (notify_shm_drv_create+0x0/0x464) from [<c0366660>])
[ 77.930000] [<c0366584>] (notify_setup_omap_attach+0x0/0x100) from [<c036417>]
[ 77.930000] [<bf062d40>] (Platform_startCallback+0x0/0x228 [syslink]) from []
[ 77.930000] r7:bf145db0 r6:00000000 r5:00000002 r4:babe0001
[ 77.930000] [<bf0976c4>] (lpc_control+0x0/0x14c [syslink]) from [<bf0d1b94>])
[ 77.930000] r7:00000005 r6:00000000 r5:d20dab80 r4:c014f497
[ 77.930000] [<bf0d1a98>] (lpcDrv_drvioctl+0x0/0x60c [syslink]) from [<c00d60>]
[ 77.930000] [<c00d6018>] (vfs_ioctl+0x0/0x44) from [<c00d6750>] (do_vfs_ioctl)
[ 77.930000] [<c00d6250>] (do_vfs_ioctl+0x0/0x540) from [<c00d67e8>] (sys_ioc)
[ 77.930000] [<c00d6790>] (sys_ioctl+0x0/0x7c) from [<c0040e40>] (ret_fast_sy)
[ 77.930000] r8:c0040fe8 r7:00000036 r6:00008e20 r5:00000000 r4:00046ee8
[ 77.930000] Code: e3520001 1a000004 e51b0050 e3a01002 (e5903010)
[ 78.370000] ---[ end trace da71685173592c15 ]---

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