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U-Boot SPL 2011.09 (Feb 09 2012 - 15:38:59)

Texas Instruments Revision detection unimplemented

OMAP SD/MMC: 0

reading u-boot.img

reading u-boot.img

U-Boot 2011.09 (Feb 09 2012 - 15:11:31)

I2C: ready

DRAM: 256 MiB

WARNING: Caches not enabled

No daughter card present

NAND: HW ECC Hamming Code selected

No NAND device found!!!

0 MiB

MMC: OMAP SD/MMC: 0

\*\*\* Warning - readenv() failed, using default environment

Net: cpsw

Hit any key to stop autoboot: 0

SD/MMC found on device 0

reading uEnv.txt

\*\* Unable to read "uEnv.txt" from mmc 0:1 \*\*

reading uImage

2922160 bytes read

## Booting kernel from Legacy Image at 80007fc0 ...

 Image Name: Arago/3.1.0-psp04.06.00.03.sdk/a

 Image Type: ARM Linux Kernel Image (uncompressed)

 Data Size: 2922096 Bytes = 2.8 MiB

 Load Address: 80008000

 Entry Point: 80008000

 Verifying Checksum ... OK

 XIP Kernel Image ... OK

OK

Starting kernel ...

Uncompressing Linux... done, booting the kernel.

[ 0.000000] Linux version 3.1.0 (jenkins@sdit-build01) (gcc version 4.5.3 20110311 (prerelease) (GCC) ) #1 Thu Feb 9 14:58:49 CST 2012

[ 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: am335xevm

[ 0.000000] Memory policy: ECC disabled, Data cache writeback

[ 0.000000] AM335X ES1.0 (neon )

[ 0.000000] Built 1 zonelists in Zone order, mobility grouping on. Total pages: 65024

[ 0.000000] Kernel command line: console=ttyO0,115200n8 root=/dev/mmcblk0p2 rw rootfstype=ext3 rootwait ip=none

[ 0.000000] PID hash table entries: 1024 (order: 0, 4096 bytes)

[ 0.000000] Dentry cache hash table entries: 32768 (order: 5, 131072 bytes)

[ 0.000000] Inode-cache hash table entries: 16384 (order: 4, 65536 bytes)

[ 0.000000] Memory: 256MB = 256MB total

[ 0.000000] Memory: 253724k/253724k available, 8420k 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 : 0xffa00000 - 0xffe00000 ( 4 MB)

[ 0.000000] vmalloc : 0xd0800000 - 0xf8000000 ( 632 MB)

[ 0.000000] lowmem : 0xc0000000 - 0xd0000000 ( 256 MB)

[ 0.000000] modules : 0xbf000000 - 0xc0000000 ( 16 MB)

[ 0.000000] .text : 0xc0008000 - 0xc0534000 (5296 kB)

[ 0.000000] .init : 0xc0534000 - 0xc056d000 ( 228 kB)

[ 0.000000] .data : 0xc056e000 - 0xc05c2d80 ( 340 kB)

[ 0.000000] .bss : 0xc05c2da4 - 0xc05fd320 ( 234 kB)

[ 0.000000] NR\_IRQS:396

[ 0.000000] IRQ: Found an INTC at 0xfa200000 (revision 5.0) with 128 interrupts

[ 0.000000] Total of 128 interrupts on 1 active controller

[ 0.000000] OMAP clockevent source: GPTIMER1 at 24000000 Hz

[ 0.000000] OMAP clocksource: GPTIMER2 at 24000000 Hz

[ 0.000000] sched\_clock: 32 bits at 24MHz, resolution 41ns, wraps every 178956ms

[ 0.000000] Console: colour dummy device 80x30

[ 0.000205] Calibrating delay loop... 718.02 BogoMIPS (lpj=3590144)

[ 0.059024] pid\_max: default: 32768 minimum: 301

[ 0.059151] Security Framework initialized

[ 0.059253] Mount-cache hash table entries: 512

[ 0.059626] CPU: Testing write buffer coherency: ok

[ 0.064176] print\_constraints: dummy:

[ 0.064549] NET: Registered protocol family 16

[ 0.064890] GPMC revision 6.0

[ 0.066917] OMAP GPIO hardware version 0.1

[ 0.069110] omap\_l3\_smx omap\_l3\_smx.0: couldn't find resource

[ 0.069795] omap\_mux\_init: Add partition: #1: core, flags: 0

[ 0.072742] omap\_i2c.1: alias fck already exists

[ 0.074208] omap2\_mcspi.1: alias fck already exists

[ 0.074421] omap2\_mcspi.2: alias fck already exists

[ 0.096842] bio: create slab <bio-0> at 0

[ 0.098604] SCSI subsystem initialized

[ 0.101051] usbcore: registered new interface driver usbfs

[ 0.101391] usbcore: registered new interface driver hub

[ 0.101598] usbcore: registered new device driver usb

[ 0.119151] omap\_i2c omap\_i2c.1: bus 1 rev4.0 at 100 kHz

[ 0.121137] Advanced Linux Sound Architecture Driver Version 1.0.24.

[ 0.122181] Switching to clocksource gp timer

[ 0.129112] Switched to NOHz mode on CPU #0

[ 0.137502] musb-hdrc: version 6.0, ?dma?, otg (peripheral+host)

[ 0.137693] musb-hdrc musb-hdrc.0: dma type: pio

[ 0.138552] musb-hdrc musb-hdrc.0: USB OTG mode controller at d080a000 using PIO, IRQ 18

[ 0.138732] musb-hdrc musb-hdrc.1: dma type: pio

[ 0.139435] musb-hdrc musb-hdrc.1: USB OTG mode controller at d080c800 using PIO, IRQ 19

[ 0.139834] NET: Registered protocol family 2

[ 0.140029] IP route cache hash table entries: 2048 (order: 1, 8192 bytes)

[ 0.140325] TCP established hash table entries: 8192 (order: 4, 65536 bytes)

[ 0.140485] TCP bind hash table entries: 8192 (order: 3, 32768 bytes)

[ 0.140580] TCP: Hash tables configured (established 8192 bind 8192)

[ 0.140592] TCP reno registered

[ 0.140605] UDP hash table entries: 256 (order: 0, 4096 bytes)

[ 0.140628] UDP-Lite hash table entries: 256 (order: 0, 4096 bytes)

[ 0.140810] NET: Registered protocol family 1

[ 0.141100] RPC: Registered named UNIX socket transport module.

[ 0.141117] RPC: Registered udp transport module.

[ 0.141125] RPC: Registered tcp transport module.

[ 0.141135] RPC: Registered tcp NFSv4.1 backchannel transport module.

[ 0.141355] NetWinder Floating Point Emulator V0.97 (double precision)

[ 0.154299] VFS: Disk quotas dquot\_6.5.2

[ 0.154369] Dquot-cache hash table entries: 1024 (order 0, 4096 bytes)

[ 0.154915] JFFS2 version 2.2. (NAND) (SUMMARY) 漏 2001-2006 Red Hat, Inc.

[ 0.155199] msgmni has been set to 495

[ 0.155963] io scheduler noop registered

[ 0.155978] io scheduler deadline registered

[ 0.156051] io scheduler cfq registered (default)

[ 0.157008] Could not set LED4 to fully on

[ 0.193279] Serial: 8250/16550 driver, 4 ports, IRQ sharing enabled

[ 0.194938] omap\_uart.0: ttyO0 at MMIO 0x44e09000 (irq = 72) is a OMAP UART0

[ 0.670244] console [ttyO0] enabled

[ 0.674385] omap\_uart.1: ttyO1 at MMIO 0x48022000 (irq = 73) is a OMAP UART1

[ 0.682058] omap\_uart.2: ttyO2 at MMIO 0x48024000 (irq = 74) is a OMAP UART2

[ 0.689780] omap\_uart.3: ttyO3 at MMIO 0x481a6000 (irq = 44) is a OMAP UART3

[ 0.697464] omap\_uart.4: ttyO4 at MMIO 0x481a8000 (irq = 45) is a OMAP UART4

[ 0.705142] omap\_uart.5: ttyO5 at MMIO 0x481aa000 (irq = 46) is a OMAP UART5

[ 0.721244] brd: module loaded

[ 0.729407] loop: module loaded

[ 0.733118] i2c-core: driver [tsl2550] using legacy suspend method

[ 0.739560] i2c-core: driver [tsl2550] using legacy resume method

[ 0.746007] at24 1-0051: 32768 byte 24c256 EEPROM, writable, 64 bytes/write

[ 0.812221] No daughter card found

[ 0.815803] at24 1-0050: 32768 byte 24c256 EEPROM, writable, 64 bytes/write

[ 0.831002] Board name: A33515BB

[ 0.834377] Board version: 1.2A

[ 0.837646] SKU: SKU#01

[ 0.840337] The board is general purpose EVM in profile 0

[ 0.845972] Found invalid GP EVM revision, falling back to Rev1.1A

[ 0.852629] omap\_hsmmc.0: alias fck already exists

[ 0.858379] omap\_hsmmc.2: alias fck already exists

[ 0.863817] Configure Bluetooth Enable pin...

[ 0.870479] mtdoops: mtd device (mtddev=name/number) must be supplied

[ 0.877521] omap2-nand driver initializing

[ 0.882044] OneNAND driver initializing

[ 0.932238] davinci\_mdio davinci\_mdio.0: davinci mdio revision 1.6

[ 0.938688] davinci\_mdio davinci\_mdio.0: detected phy mask fffffffe

[ 0.945855] davinci\_mdio.0: probed

[ 0.949405] davinci\_mdio davinci\_mdio.0: phy[0]: device 0:00, driver unknown

[ 0.956935] CAN device driver interface

[ 0.960930] CAN bus driver for Bosch D\_CAN controller 1.0

[ 0.967253] usbcore: registered new interface driver cdc\_ether

[ 0.973530] usbcore: registered new interface driver cdc\_subset

[ 0.979744] Initializing USB Mass Storage driver...

[ 0.985039] usbcore: registered new interface driver usb-storage

[ 0.991297] USB Mass Storage support registered.

[ 0.996179] musb-hdrc musb-hdrc.1: MUSB HDRC host driver

[ 1.001784] musb-hdrc musb-hdrc.1: new USB bus registered, assigned bus number 1

[ 1.009633] usb usb1: New USB device found, idVendor=1d6b, idProduct=0002

[ 1.016725] usb usb1: New USB device strings: Mfr=3, Product=2, SerialNumber=1

[ 1.024263] usb usb1: Product: MUSB HDRC host driver

[ 1.029434] usb usb1: Manufacturer: Linux 3.1.0 musb-hcd

[ 1.034975] usb usb1: SerialNumber: musb-hdrc.1

[ 1.040470] hub 1-0:1.0: USB hub found

[ 1.044437] hub 1-0:1.0: 1 port detected

[ 1.049703] mousedev: PS/2 mouse device common for all mice

[ 1.056673] omap\_rtc omap\_rtc: rtc core: registered omap\_rtc as rtc0

[ 1.063589] i2c /dev entries driver

[ 1.103693] OMAP Watchdog Timer Rev 0x01: initial timeout 60 sec

[ 1.110394] cpuidle: using governor ladder

[ 1.115182] cpuidle: using governor menu

[ 1.123282] usbcore: registered new interface driver usbhid

[ 1.129098] usbhid: USB HID core driver

[ 1.134076] usbcore: registered new interface driver snd-usb-audio

[ 1.142097] ALSA device list:

[ 1.145255] No soundcards found.

[ 1.148795] oprofile: hardware counters not available

[ 1.154069] oprofile: using timer interrupt.

[ 1.158542] nf\_conntrack version 0.5.0 (3964 buckets, 15856 max)

[ 1.165308] ip\_tables: (C) 2000-2006 Netfilter Core Team

[ 1.170955] TCP cubic registered

[ 1.174349] NET: Registered protocol family 17

[ 1.178990] can: controller area network core (rev 20090105 abi 8)

[ 1.185533] NET: Registered protocol family 29

[ 1.190163] can: raw protocol (rev 20090105)

[ 1.194622] can: broadcast manager protocol (rev 20090105 t)

[ 1.200570] Registering the dns\_resolver key type

[ 1.205559] VFP support v0.3: implementor 41 architecture 3 part 30 variant c rev 3

[ 1.213567] ThumbEE CPU extension supported.

[ 1.218761] \_regulator\_get: mpu.0 supply mpu not found, using dummy regulator

[ 1.226345] omap2\_set\_init\_voltage: Fail set voltage-dpll\_mpu\_ck(f=720000000 v=1260000)on vddmpu

[ 1.235519] omap2\_set\_init\_voltage: unable to set vdd\_mpu

[ 1.244317] Detected MACID=d4:94:a1:52:69:a9

[ 1.252435] omap\_rtc omap\_rtc: setting system clock to 2000-01-01 00:00:00 UTC (946684800)

[ 1.261672] Waiting for root device /dev/mmcblk0p2...

[ 1.295159] mmc0: new high speed SDHC card at address 1234

[ 1.301537] mmcblk0: mmc0:1234 SA04G 3.63 GiB

[ 1.308502] mmcblk0: p1 p2 p3

[ 6.495842] kjournald starting. Commit interval 5 seconds

[ 6.501641] EXT3-fs (mmcblk0p2): warning: maximal mount count reached, running e2fsck is recommended

[ 7.204262] EXT3-fs (mmcblk0p2): using internal journal

[ 7.209712] EXT3-fs (mmcblk0p2): recovery complete

[ 7.218577] EXT3-fs (mmcblk0p2): mounted filesystem with ordered data mode

[ 7.225823] VFS: Mounted root (ext3 filesystem) on device 179:2.

[ 7.232434] Freeing init memory: 228K

INIT: version 2.86 booting

Please wait: booting...

Error opening /dev/fb0: No such device

Starting udev

[ 7.743423] udevd (577): /proc/577/oom\_adj is deprecated, please use /proc/577/oom\_score\_adj instead.

[ 11.227369] kjournald starting. Commit interval 5 seconds

[ 11.233277] EXT3-fs (mmcblk0p3): warning: maximal mount count reached, running e2fsck is recommended

[ 11.954957] EXT3-fs (mmcblk0p3): using internal journal

[ 11.960421] EXT3-fs (mmcblk0p3): recovery complete

[ 11.965445] EXT3-fs (mmcblk0p3): mounted filesystem with ordered data mode

[ 12.044907] alignment: ignoring faults is unsafe on this CPU. Defaulting to fixup mode.

Remounting root file system...

Caching udev devnodes

ALSA: Restoring mixer settings...

/usr/sbin/alsactl: load\_state:1625: No soundcards found...

Configuring network interfaces... [ 20.879672]

[ 20.879682] CPSW phy found : id is : 0x4dd074

[ 20.886627] PHY 0:01 not found

eth0 no wireless extensions.

udhcpc (v1.13.2) started

Sending discover...

Sending discover...

Sending discover...

No lease, forking to background

done.

Setting up IP spoofing protection: rp\_filter.

Fri Feb 10 10:56:00 UTC 2012

INIT: Entering runlevel: 5

Starting system message bus: dbus.

Starting Hardware abstraction layer hald

Starting Dropbear SSH server: dropbear.

Starting telnet daemon.

Starting network benchmark server: netserver.

Starting syslogd/klogd: done

Starting thttpd.

Starting Lighttpd Web Server: lighttpd.

2012-02-10 10:56:01: (log.c.166) server started

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Starting Matrix GUI application.

[ 38.473806] gadget: Mass Storage Function, version: 2009/09/11

[ 38.480037] gadget: Number of LUNs=2

[ 38.483917] lun0: LUN: removable file: /dev/mmcblk0p1

[ 38.489273] lun1: LUN: removable file: /dev/mmcblk0p3

[ 38.494674] gadget: Mass Storage Gadget, version: 2009/09/11

[ 38.500667] gadget: userspace failed to provide iSerialNumber

[ 38.506790] gadget: g\_mass\_storage ready

[ 38.510993] musb-hdrc musb-hdrc.0: MUSB HDRC host driver

[ 38.516586] musb-hdrc musb-hdrc.0: new USB bus registered, assigned bus number 2

[ 38.524424] usb usb2: New USB device found, idVendor=1d6b, idProduct=0002

[ 38.531500] usb usb2: New USB device strings: Mfr=3, Product=2, SerialNumber=1

[ 38.539043] usb usb2: Product: MUSB HDRC host driver

[ 38.544226] usb usb2: Manufacturer: Linux 3.1.0 musb-hcd

[ 38.549759] usb usb2: SerialNumber: musb-hdrc.0

[ 38.555018] hub 2-0:1.0: USB hub found

[ 38.558941] hub 2-0:1.0: 1 port detected

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NOTICE: This file system contains the followin GPLv3 packages:

 binutils-dev

 binutils-symlinks

 binutils

 gdbserver

If you do not wish to distribute GPLv3 components please remove

the above packages prior to distribution. This can be done using

the opkg remove command. i.e.:

 opkg remove <package>

Where <package> is the name printed in the list above

NOTE: If th?package is a

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Arago Project http://arago-project.org am335x-evm ttyO0

Arago 2011.09 am335x-evm ttyO0

am335x-evm login: