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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

Found a daughter card connected

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

[ 0.000249] Calibrating delay loop... 498.89 BogoMIPS (lpj=2494464)

[ 0.058627] pid\_max: default: 32768 minimum: 301

[ 0.058792] Security Framework initialized

[ 0.058917] Mount-cache hash table entries: 512

[ 0.059373] CPU: Testing write buffer coherency: ok

[ 0.064944] print\_constraints: dummy:

[ 0.065413] NET: Registered protocol family 16

[ 0.065839] GPMC revision 6.0

[ 0.068443] OMAP GPIO hardware version 0.1

[ 0.071388] omap\_l3\_smx omap\_l3\_smx.0: couldn't find resource

[ 0.072029] omap\_mux\_init: Add partition: #1: core, flags: 0

[ 0.075954] omap\_i2c.1: alias fck already exists

[ 0.077964] omap2\_mcspi.1: alias fck already exists

[ 0.078256] omap2\_mcspi.2: alias fck already exists

[ 0.108314] bio: create slab <bio-0> at 0

[ 0.111204] SCSI subsystem initialized

[ 0.113304] usbcore: registered new interface driver usbfs

[ 0.113734] usbcore: registered new interface driver hub

[ 0.114004] usbcore: registered new device driver usb

[ 0.128794] omap\_i2c omap\_i2c.1: bus 1 rev4.0 at 100 kHz

[ 0.131455] Advanced Linux Sound Architecture Driver Version 1.0.24.

[ 0.132803] Switching to clocksource gp timer

[ 0.138708] Switched to NOHz mode on CPU #0

[ 0.153887] musb-hdrc: version 6.0, ?dma?, otg (peripheral+host)

[ 0.154121] musb-hdrc musb-hdrc.0: dma type: pio

[ 0.155185] musb-hdrc musb-hdrc.0: USB OTG mode controller at d080a000 using PIO, IRQ 18

[ 0.155401] musb-hdrc musb-hdrc.1: dma type: pio

[ 0.156310] musb-hdrc musb-hdrc.1: USB OTG mode controller at d080c800 using PIO, IRQ 19

[ 0.156806] NET: Registered protocol family 2

[ 0.157045] IP route cache hash table entries: 2048 (order: 1, 8192 bytes)

[ 0.157407] TCP established hash table entries: 8192 (order: 4, 65536 bytes)

[ 0.157632] TCP bind hash table entries: 8192 (order: 3, 32768 bytes)

[ 0.157767] TCP: Hash tables configured (established 8192 bind 8192)

[ 0.157785] TCP reno registered

[ 0.157803] UDP hash table entries: 256 (order: 0, 4096 bytes)

[ 0.157835] UDP-Lite hash table entries: 256 (order: 0, 4096 bytes)

[ 0.158076] NET: Registered protocol family 1

[ 0.158428] RPC: Registered named UNIX socket transport module.

[ 0.158447] RPC: Registered udp transport module.

[ 0.158460] RPC: Registered tcp transport module.

[ 0.158473] RPC: Registered tcp NFSv4.1 backchannel transport module.

[ 0.158754] NetWinder Floating Point Emulator V0.97 (double precision)

[ 0.172749] VFS: Disk quotas dquot\_6.5.2

[ 0.172893] Dquot-cache hash table entries: 1024 (order 0, 4096 bytes)

[ 0.173661] JFFS2 version 2.2. (NAND) (SUMMARY) 漏 2001-2006 Red Hat, Inc.

[ 0.174050] msgmni has been set to 495

[ 0.175023] io scheduler noop registered

[ 0.175042] io scheduler deadline registered

[ 0.175144] io scheduler cfq registered (default)

[ 0.176263] Could not set LED4 to fully on

[ 0.178310] Serial: 8250/16550 driver, 4 ports, IRQ sharing enabled

[ 0.180476] omap\_uart.0: ttyO0 at MMIO 0x44e09000 (irq = 72) is a OMAP UART0

[ 0.659880] console [ttyO0] enabled

[ 0.664261] omap\_uart.1: ttyO1 at MMIO 0x48022000 (irq = 73) is a OMAP UART1

[ 0.672119] omap\_uart.2: ttyO2 at MMIO 0x48024000 (irq = 74) is a OMAP UART2

[ 0.680055] omap\_uart.3: ttyO3 at MMIO 0x481a6000 (irq = 44) is a OMAP UART3

[ 0.687924] omap\_uart.4: ttyO4 at MMIO 0x481a8000 (irq = 45) is a OMAP UART4

[ 0.695781] omap\_uart.5: ttyO5 at MMIO 0x481aa000 (irq = 46) is a OMAP UART5

[ 0.715460] brd: module loaded

[ 0.725174] loop: module loaded

[ 0.728700] i2c-core: driver [tsl2550] using legacy suspend method

[ 0.735249] i2c-core: driver [tsl2550] using legacy resume method

[ 0.741746] at24 1-0051: 32768 byte 24c256 EEPROM, writable, 64 bytes/write

[ 0.749750] Detected a daughter card on AM335x EVM..

[ 0.754867] at24 1-0050: 32768 byte 24c256 EEPROM, writable, 64 bytes/write

[ 0.770539] Board name: A33515BB

[ 0.773953] Board version: 1.2A

[ 0.777254] SKU: SKU#01

[ 0.779984] The board is general purpose EVM in profile 0

[ 0.785677] Found invalid GP EVM revision, falling back to Rev1.1A

[ 0.793115] da8xx\_lcdc da8xx\_lcdc.0: GLCD: Found TFC\_S9700RTWV35TR\_01B panel

[ 0.818362] Console: switching to colour frame buffer device 100x30

[ 0.833415] TSC connected to beta GP EVM

[ 0.838939] omap\_i2c.2: alias fck already exists

[ 0.862913] omap\_i2c omap\_i2c.2: bus 2 rev4.0 at 100 kHz

[ 0.869576] tsl2550 2-0039: standard operating mode

[ 0.875451] tsl2550 2-0039: support ver. 1.2 enabled

[ 0.881617] omap\_hsmmc.0: alias fck already exists

[ 0.887227] omap\_hsmmc.2: alias fck already exists

[ 0.892700] Configure Bluetooth Enable pin...

[ 0.897407] \_omap\_mux\_get\_by\_name: Could not find signal gpmc\_a8.gpio1\_22

[ 0.906539] lis3lv02d: 8 bits 3DLH sensor found

[ 0.983359] input: ST LIS3LV02DL Accelerometer as /devices/platform/lis3lv02d/input/input0

[ 0.994751] mtdoops: mtd device (mtddev=name/number) must be supplied

[ 1.001780] omap2-nand driver initializing

[ 1.006608] No NAND device found.

[ 1.010354] No NAND device found.

[ 1.014268] OneNAND driver initializing

[ 1.062878] davinci\_mdio davinci\_mdio.0: davinci mdio revision 1.6

[ 1.069387] davinci\_mdio davinci\_mdio.0: detected phy mask fffffffe

[ 1.076784] davinci\_mdio.0: probed

[ 1.080370] davinci\_mdio davinci\_mdio.0: phy[0]: device 0:00, driver unknown

[ 1.088034] CAN device driver interface

[ 1.092067] CAN bus driver for Bosch D\_CAN controller 1.0

[ 1.098747] usbcore: registered new interface driver cdc\_ether

[ 1.105177] usbcore: registered new interface driver cdc\_subset

[ 1.111465] Initializing USB Mass Storage driver...

[ 1.116878] usbcore: registered new interface driver usb-storage

[ 1.123222] USB Mass Storage support registered.

[ 1.128142] musb-hdrc musb-hdrc.1: MUSB HDRC host driver

[ 1.133830] musb-hdrc musb-hdrc.1: new USB bus registered, assigned bus number 1

[ 1.141743] usb usb1: New USB device found, idVendor=1d6b, idProduct=0002

[ 1.148911] usb usb1: New USB device strings: Mfr=3, Product=2, SerialNumber=1

[ 1.156521] usb usb1: Product: MUSB HDRC host driver

[ 1.161743] usb usb1: Manufacturer: Linux 3.1.0 musb-hcd

[ 1.167340] usb usb1: SerialNumber: musb-hdrc.1

[ 1.173205] hub 1-0:1.0: USB hub found

[ 1.177196] hub 1-0:1.0: 1 port detected

[ 1.182678] mousedev: PS/2 mouse device common for all mice

[ 1.189849] input: matrix-keypad as /devices/platform/matrix-keypad/input/input1

[ 1.199459] input: ti-tsc-adcc as /devices/platform/tsc/input/input2

[ 1.207691] omap\_rtc omap\_rtc: rtc core: registered omap\_rtc as rtc0

[ 1.214758] i2c /dev entries driver

[ 1.220230] lm75 2-0048: hwmon0: sensor 'tmp275'

[ 1.228531] OMAP Watchdog Timer Rev 0x01: initial timeout 60 sec

[ 1.235574] cpuidle: using governor ladder

[ 1.240570] cpuidle: using governor menu

[ 1.249772] usbcore: registered new interface driver usbhid

[ 1.255712] usbhid: USB HID core driver

[ 1.260761] usbcore: registered new interface driver snd-usb-audio

[ 1.270040] \_regulator\_get: 2-001b supply IOVDD not found, using dummy regulator

[ 1.277976] \_regulator\_get: 2-001b supply DVDD not found, using dummy regulator

[ 1.285747] \_regulator\_get: 2-001b supply AVDD not found, using dummy regulator

[ 1.293503] \_regulator\_get: 2-001b supply DRVDD not found, using dummy regulator

[ 1.345332] asoc: tlv320aic3x-hifi <-> davinci-mcasp.1 mapping ok

[ 1.352155] mmc0: new high speed SDHC card at address 1234

[ 1.358775] mmcblk0: mmc0:1234 SA04G 3.63 GiB

[ 1.365835] ALSA device list:

[ 1.369017] #0: AM335X EVM

[ 1.372043] oprofile: hardware counters not available

[ 1.377404] oprofile: using timer interrupt.

[ 1.381924] nf\_conntrack version 0.5.0 (3964 buckets, 15856 max)

[ 1.388872] ip\_tables: (C) 2000-2006 Netfilter Core Team

[ 1.394640] TCP cubic registered

[ 1.398039] NET: Registered protocol family 17

[ 1.402729] can: controller area network core (rev 20090105 abi 8)

[ 1.409387] NET: Registered protocol family 29

[ 1.414083] can: raw protocol (rev 20090105)

[ 1.418577] can: broadcast manager protocol (rev 20090105 t)

[ 1.424589] Registering the dns\_resolver key type

[ 1.429633] VFP support v0.3: implementor 41 architecture 3 part 30 variant c rev 3

[ 1.437724] ThumbEE CPU extension supported.

[ 1.443194] \_regulator\_get: mpu.0 supply mpu not found, using dummy regulator

[ 1.450839] omap2\_set\_init\_voltage: Fail set voltage-dpll\_mpu\_ck(f=500000000 v=1100000)on vddmpu

[ 1.460110] omap2\_set\_init\_voltage: unable to set vdd\_mpu

[ 1.466610] mmcblk0: p1 p2 p3

[ 1.472672] Detected MACID=d4:94:a1:52:69:a9

[ 1.550596] input: gpio-keys as /devices/platform/gpio-keys/input/input3

[ 1.558598] omap\_rtc omap\_rtc: setting system clock to 2000-01-01 00:00:00 UTC (946684800)

[ 1.587656] mmc1: card claims to support voltages below the defined range. These will be ignored.

[ 1.610003] mmc1: queuing unknown CIS tuple 0x91 (3 bytes)

[ 1.617878] mmc1: new SDIO card at address 0001

[ 8.071547] kjournald starting. Commit interval 5 seconds

[ 8.077402] EXT3-fs (mmcblk0p2): warning: maximal mount count reached, running e2fsck is recommended

[ 8.774606] EXT3-fs (mmcblk0p2): using internal journal

[ 8.780070] EXT3-fs (mmcblk0p2): recovery complete

[ 8.788990] EXT3-fs (mmcblk0p2): mounted filesystem with ordered data mode

[ 8.796272] VFS: Mounted root (ext3 filesystem) on device 179:2.

[ 8.803046] Freeing init memory: 228K

INIT: version 2.86 booting

Please wait: booting...

Starting udev

[ 9.404893] udevd (609): /proc/609/oom\_adj is deprecated, please use /proc/609/oom\_score\_adj instead.

[ 10.947053] cfg80211: Calling CRDA to update world regulatory domain

[ 15.138671] cfg80211: World regulatory domain updated:

[ 15.144177] cfg80211: (start\_freq - end\_freq @ bandwidth), (max\_antenna\_gain, max\_eirp)

[ 15.152984] cfg80211: (2402000 KHz - 2472000 KHz @ 40000 KHz), (300 mBi, 2000 mBm)

[ 15.161316] cfg80211: (2457000 KHz - 2482000 KHz @ 20000 KHz), (300 mBi, 2000 mBm)

[ 15.169656] cfg80211: (2474000 KHz - 2494000 KHz @ 20000 KHz), (300 mBi, 2000 mBm)

[ 15.178008] cfg80211: (5170000 KHz - 5250000 KHz @ 40000 KHz), (300 mBi, 2000 mBm)

[ 15.186357] cfg80211: (5735000 KHz - 5835000 KHz @ 40000 KHz), (300 mBi, 2000 mBm)

[ 15.303719] wl1271: loaded

[ 15.851861] kjournald starting. Commit interval 5 seconds

[ 15.857899] EXT3-fs (mmcblk0p3): warning: maximal mount count reached, running e2fsck is recommended

[ 16.593121] EXT3-fs (mmcblk0p3): using internal journal

[ 16.598641] EXT3-fs (mmcblk0p3): recovery complete

[ 16.603731] EXT3-fs (mmcblk0p3): mounted filesystem with ordered data mode

[ 16.683582] alignment: ignoring faults is unsafe on this CPU. Defaulting to fixup mode.

Remounting root file system...

Caching udev devnodes

ALSA: Restoring mixer settings...

Configuring network interfaces... [ 26.427995]

[ 26.428009] CPSW phy found : id is : 0x4dd074

[ 26.434953] 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 PVR

Starting Lighttpd Web Server: lighttpd.

2012-02-10 10:56:03: (log.c.166) server started

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Starting Matrix GUI application.

[ 48.405192] gadget: Mass Storage Function, version: 2009/09/11

[ 48.411492] gadget: Number of LUNs=2

[ 48.415432] lun0: LUN: removable file: /dev/mmcblk0p1

[ 48.420847] lun1: LUN: removable file: /dev/mmcblk0p3

[ 48.426308] gadget: Mass Storage Gadget, version: 2009/09/11

[ 48.432358] gadget: userspace failed to provide iSerialNumber

[ 48.438535] gadget: g\_mass\_storage ready

[ 48.442776] musb-hdrc musb-hdrc.0: MUSB HDRC host driver

[ 48.448433] musb-hdrc musb-hdrc.0: new USB bus registered, assigned bus number 2

[ 48.456372] usb usb2: New USB device found, idVendor=1d6b, idProduct=0002

[ 48.463537] usb usb2: New USB device strings: Mfr=3, Product=2, SerialNumber=1

[ 48.471138] usb usb2: Product: MUSB HDRC host driver

[ 48.476371] usb usb2: Manufacturer: Linux 3.1.0 musb-hcd

[ 48.481959] usb usb2: SerialNumber: musb-hdrc.0

[ 48.487437] hub 2-0:1.0: USB hub found

[ 48.491420] 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 the package is a dependency of another package you

 will be notified of the dependent packages. You should

 use the --force-removal-of-dependent-packages option to

 also remove the dependent packages as well

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

Arago 2011.09 am335x-evm ttyO0

am335x-evm login: