Texas Instruments Inc X-Loader 1.41.0-g28b5a696 (Sep 16 2012 - 16:24:04)

OMAP4460: 1.5 GHz capable SOM

mmc read: Invalid size

Starting OS Bootloader from MMC/SD1 ...

U-Boot 1.1.4-g83ec135f-dirty (Sep 16 2012 - 16:24:48)

Load address: 0x80e80000

DRAM: 1024 MB

Flash: 0 kB

Using default environment

In: serial

Out: serial

Err: serial

Initializing SD(0) Slot.

ptbl slot: SD:(0).

efi partition table not found

efi partition table:

ptbl slot: EMMC:(1).

256 128K xloader

512 256K bootloader

1024 128K misc

2048 16M efs

34816 16K crypto

34848 8M recovery

51232 8M boot

67616 512M system

1116192 256M cache

1640480 29630M userdata

Net: KS8851SNL

Hit any key to stop autoboot: 0

mmc read: Invalid size

4668540 bytes read

## Booting image at 80000000 ...

Image Name: Linux-3.0.31-01871-gd0d4f29

Image Type: ARM Linux Kernel Image (uncompressed)

Data Size: 4668476 Bytes = 4.5 MB

Load Address: 80008000

Entry Point: 80008000

Verifying Checksum ... OK

OK

I2C read: I/O error

Starting kernel ...

Uncompressing Linux... done, booting the kernel.

[ 0.000000] Initializing cgroup subsys cpu

[ 0.000000] Linux version 3.0.31-01871-gd0d4f29 (yong@yong-ubuntu-laptop) (gcc version 4.4.1 (Sourcery G++ Lite 2010q1-202) ) #1 SMP PREEMPT Thu Sep 13 13:02:38 MYT 2012

[ 0.000000] CPU: ARMv7 Processor [412fc09a] revision 10 (ARMv7), cr=10c5387d

[ 0.000000] CPU: VIPT nonaliasing data cache, VIPT aliasing instruction cache

[ 0.000000] Machine: OMAP4 blaze board

[ 0.000000] android\_display: setting default resolution 864\*480, bpp=4

[ 0.000000] android\_display: tiler1d 13271040

[ 0.000000] android\_display: setting fb0.vram to 3440640

[ 0.000000] android\_display: setting vram to 3440640

[ 0.000000] android\_display: ion carveouts: 116916224 tiler2d, 3932160 nonsecure

[ 0.000000] omap4\_total\_ram\_size = 0x7c800000

[ 0.000000] omap4\_smc\_size = 0x300000

[ 0.000000] omap4\_ion\_heap\_secure\_input\_size = 0x5a00000

[ 0.000000] omap4\_ion\_heap\_secure\_output\_wfdhdcp\_size = 0x1000000

[ 0.000000] omap4\_ducati\_heap\_size = 0x6b00000

[ 0.000000] omap4\_ion\_heap\_tiler\_mem\_size = 0x7040000

[ 0.000000] omap4\_ion\_heap\_nonsec\_tiler\_mem\_size = 0x3c0000

[ 0.000000] omap4\_smc\_addr = 0xfc500000

[ 0.000000] omap4\_ion\_heap\_secure\_input\_addr = 0xf6b00000

[ 0.000000] omap4\_ion\_heap\_secure\_output\_wfdhdcp\_addr = 0xf5b00000

[ 0.000000] omap4\_ducati\_heap\_addr = 0xef000000

[ 0.000000] omap4\_ion\_heap\_tiler\_mem\_addr = 0xe7fc0000

[ 0.000000] omap4\_ion\_heap\_nonsec\_tiler\_mem\_addr = 0xe7c00000

[ 0.000000] omap\_ion\_init: secure\_input id=2 [f6b00000-fc500000] size=5a00000

[ 0.000000] omap\_ion\_init: secure\_output\_wfdhdcp id=5 [f5b00000-f6b00000] size=1000000

[ 0.000000] omap\_ion\_init: tiler id=1 [e7fc0000-ef000000] size=7040000

[ 0.000000] omap\_ion\_init: nonsecure\_tiler id=3 [e7c00000-e7fc0000] size=3c0000

[ 0.000000] omap\_ion\_init: system id=0 [0-0] size=0

[ 0.000000] omap\_ion\_init: tiler\_reservation id=4 [0-0] size=0

[ 0.000000] Reserving 10485760 bytes SDRAM for VRAM

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

[ 0.000000] OMAP4460 ES1.1

[ 0.000000] SRAM: Mapped pa 0x40300000 to va 0xfe400000 size: 0xd000

[ 0.000000] On node 0 totalpages: 259072

[ 0.000000] free\_area\_init\_node: node 0, pgdat c0910f40, node\_mem\_map c0a8a000

[ 0.000000] Normal zone: 256 pages used for memmap

[ 0.000000] Normal zone: 0 pages reserved

[ 0.000000] Normal zone: 32512 pages, LIFO batch:7

[ 0.000000] HighMem zone: 1792 pages used for memmap

[ 0.000000] HighMem zone: 224512 pages, LIFO batch:31

[ 0.000000] PERCPU: Embedded 7 pages/cpu @c1295000 s7488 r8192 d12992 u32768

[ 0.000000] pcpu-alloc: s7488 r8192 d12992 u32768 alloc=8\*4096

[ 0.000000] pcpu-alloc: [0] 0 [0] 1

[ 0.000000] Built 1 zonelists in Zone order, mobility grouping on. Total pages: 257024

[ 0.000000] Kernel command line: console=ttyO2,115200n8 mem=1G vmalloc=768M androidboot.console=ttyO2 omap\_wdt.timer\_margin=30 console=ttyO2,115200n8 mem=456M@0x80000000 mem=512M@0xA0000000 init=/init vram=10M omapfb.vram=0:4M androidboot.console=ttyO2 root=/dev/mmcblk1p2 rw

[ 0.000000] PID hash table entries: 512 (order: -1, 2048 bytes)

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

[ 0.000000] Inode-cache hash table entries: 8192 (order: 3, 32768 bytes)

[ 0.000000] Memory: 256MB 756MB = 1012MB total

[ 0.000000] Memory: 1017096k/1976848k available, 62960k reserved, 905216K 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 : 0xc8800000 - 0xf8000000 ( 760 MB)

[ 0.000000] lowmem : 0xc0000000 - 0xc8000000 ( 128 MB)

[ 0.000000] pkmap : 0xbfe00000 - 0xc0000000 ( 2 MB)

[ 0.000000] modules : 0xbf000000 - 0xbfe00000 ( 14 MB)

[ 0.000000] .init : 0xc0008000 - 0xc0050000 ( 288 kB)

[ 0.000000] .text : 0xc0050000 - 0xc088a000 (8424 kB)

[ 0.000000] .data : 0xc088a000 - 0xc0912d80 ( 548 kB)

[ 0.000000] .bss : 0xc0912da4 - 0xc0a89210 (1498 kB)

[ 0.000000] SLUB: Genslabs=13, HWalign=32, Order=0-3, MinObjects=0, CPUs=2, Nodes=1

[ 0.000000] Preemptible hierarchical RCU implementation.

[ 0.000000] NR\_IRQS:410

[ 0.000000] omap\_hwmod: dpll\_mpu\_m2\_ck: missing clockdomain for dpll\_mpu\_m2\_ck.

[ 0.000000] OMAP clockevent source: GPTIMER1 at 32768 Hz

[ 0.000000] sched\_clock: 32 bits at 32kHz, resolution 30517ns, wraps every 131071999ms

[ 0.000000] Calibrating delay loop... 1392.74 BogoMIPS (lpj=5439488)

[ 0.007873] pid\_max: default: 32768 minimum: 301

[ 0.007873] Mount-cache hash table entries: 512

[ 0.071411] Initializing cgroup subsys debug

[ 0.071411] Initializing cgroup subsys cpuacct

[ 0.071411] Initializing cgroup subsys freezer

[ 0.071411] CPU: Testing write buffer coherency: ok

[ 0.071990] L310 cache controller enabled

[ 0.072021] l2x0: 16 ways, CACHE\_ID 0x410000c7, AUX\_CTRL 0x5e470000, Cache size: 1048576 B

[ 0.150177] CPU1: Booted secondary processor

[ 0.165740] Brought up 2 CPUs

[ 0.220520] SMP: Total of 2 processors activated (2792.83 BogoMIPS).

[ 0.220733] omap\_hwmod: \_populate\_mpu\_rt\_base found no \_mpu\_rt\_va for emif\_fw

[ 0.223968] omap\_hwmod: \_populate\_mpu\_rt\_base found no \_mpu\_rt\_va for l3\_instr

[ 0.223968] omap\_hwmod: \_populate\_mpu\_rt\_base found no \_mpu\_rt\_va for l3\_main\_1

[ 0.223999] omap\_hwmod: \_populate\_mpu\_rt\_base found no \_mpu\_rt\_va for l3\_main\_2

[ 0.223999] omap\_hwmod: \_populate\_mpu\_rt\_base found no \_mpu\_rt\_va for l4\_abe

[ 0.224029] omap\_hwmod: \_populate\_mpu\_rt\_base found no \_mpu\_rt\_va for l4\_cfg

[ 0.224029] omap\_hwmod: \_populate\_mpu\_rt\_base found no \_mpu\_rt\_va for l4\_per

[ 0.224029] omap\_hwmod: \_populate\_mpu\_rt\_base found no \_mpu\_rt\_va for l4\_wkup

[ 0.224060] omap\_hwmod: \_populate\_mpu\_rt\_base found no \_mpu\_rt\_va for mpu\_private

[ 0.224060] omap\_hwmod: \_populate\_mpu\_rt\_base found no \_mpu\_rt\_va for sl2if

[ 0.224182] omap\_hwmod: \_populate\_mpu\_rt\_base found no \_mpu\_rt\_va for thermal\_sensor

[ 0.224182] omap\_hwmod: \_populate\_mpu\_rt\_base found no \_mpu\_rt\_va for usbhs\_ohci

[ 0.224212] omap\_hwmod: \_populate\_mpu\_rt\_base found no \_mpu\_rt\_va for usbhs\_ehci

[ 0.224212] omap\_hwmod: l3\_div\_ck: missing clockdomain for l3\_div\_ck.

[ 0.224456] omap\_hwmod: l4\_div\_ck: missing clockdomain for l4\_div\_ck.

[ 0.228302] \_omap4\_module\_wait\_ready: Timeout waiting for module enable (mcpdm\_fck: clkctrl = 0x30002)

[ 0.229614] omap\_hwmod: mcpdm: cannot be enabled (3)

[ 0.234893] print\_constraints: dummy:

[ 0.234893] NET: Registered protocol family 16

[ 0.235565] GPMC revision 6.0

[ 0.236114] EMIF0 is enabled with IRQ142

[ 0.237121] EMIF1 is enabled with IRQ143

[ 0.237152] Last reset was cold reset (PRM\_RSTST=0x1)

[ 0.237152]

[ 0.237609] OMAP GPIO hardware version 0.1

[ 0.239471] omap\_mux\_init: Add partition: #1: core, flags: 2

[ 0.239471] omap\_mux\_init: Add partition: #2: wkup, flags: 2

[ 0.242279] omap\_mux\_get\_by\_name: Could not find signal uart1\_cts.uart1\_cts

[ 0.242279] omap\_hwmod\_mux\_init: Could not allocate device mux entry

[ 0.462677] Modem NOT detected

[ 0.470458] Modem state properly updated to state 0

[ 0.471710] omap\_disp\_led\_init: Configuring as one display LED

[ 0.598388] HSI: skipping omap\_device registration

[ 0.598388] OMAP DMA hardware revision 0.0

[ 0.598388] omap\_rproc\_get\_pool: dsp - no carveout memory is available at all

[ 0.599456] omap\_rproc\_get\_pool: ipu - carveout memory is unavailable: 0x0, 0x0

[ 0.609069] bio: create slab <bio-0> at 0

[ 0.609436] print\_constraints: vwl1271: 1800 mV

[ 0.609863] i2c-core: driver [twl] using legacy suspend method

[ 0.609863] i2c-core: driver [twl] using legacy resume method

[ 0.610260] SCSI subsystem initialized

[ 0.611511] usbcore: registered new interface driver usbfs

[ 0.611846] usbcore: registered new interface driver hub

[ 0.612121] usbcore: registered new device driver usb

[ 0.612762] omap\_i2c omap\_i2c.1: bus 1 rev4.0 at 400 kHz

[ 0.613494] Skipping twl internal clock init and using bootloader value (unknown osc rate)

[ 0.616943] twl6030: PIH (irq 39) chaining IRQs 368..387

[ 0.619720] print\_constraints: VUSB: 3300 mV normal standby

[ 0.623260] twl6030\_usb twl6030\_usb: Initialized TWL6030 USB module

[ 0.623870] print\_constraints: VMMC: 1200 <--> 3000 mV at 3000 mV normal standby

[ 0.624786] print\_constraints: VPP: 1800 <--> 2500 mV at 1900 mV normal standby

[ 0.625518] print\_constraints: VUSIM: 1200 <--> 2900 mV at 1800 mV normal standby

[ 0.626831] print\_constraints: VCXIO: 1800 mV normal standby

[ 0.627990] print\_constraints: VDAC: 1800 mV normal standby

[ 0.628509] print\_constraints: VAUX1\_6030: 1000 <--> 3000 mV at 2800 mV normal standby

[ 0.628967] print\_constraints: VAUX2\_6030: 1200 <--> 2800 mV at 1800 mV normal standby

[ 0.629730] print\_constraints: VAUX3\_6030: 1000 <--> 3000 mV at 1200 mV normal standby

[ 0.631134] print\_constraints: VDD1:

[ 0.632507] print\_constraints: VDD2:

[ 0.633300] print\_constraints: VDD3:

[ 0.634155] print\_constraints: VMEM: at 1125 mV

[ 0.635406] print\_constraints: V2V1: at 2100 mV

[ 0.636688] print\_constraints: VANA: 2100 mV normal standby

[ 0.637603] print\_constraints: CLK32KG:

[ 0.638488] print\_constraints: CLK32KAUDIO:

[ 0.639648] print\_constraints: SYSEN:

[ 0.640838] print\_constraints: REGEN1:

[ 0.640838] print\_constraints: VOUT: 4075 <--> 4950 mV at 3825 mV normal standby

[ 0.642089] tps6130x 1-0033: Revision 5

[ 0.642852] omap\_i2c omap\_i2c.2: bus 2 rev4.0 at 400 kHz

[ 0.643218] omap\_i2c omap\_i2c.3: bus 3 rev4.0 at 400 kHz

[ 0.643829] omap\_i2c omap\_i2c.4: bus 4 rev4.0 at 400 kHz

[ 0.644287] omap-rproc omap-rproc.0: dsp is available

[ 0.644287] omap-rproc omap-rproc.1: ipu is available

[ 0.644866] Advanced Linux Sound Architecture Driver Version 1.0.24.

[ 0.645721] Bluetooth: Core ver 2.16

[ 0.645721] NET: Registered protocol family 31

[ 0.645812] Bluetooth: HCI device and connection manager initialized

[ 0.645812] Bluetooth: HCI socket layer initialized

[ 0.645843] Bluetooth: L2CAP socket layer initialized

[ 0.645843] Bluetooth: SCO socket layer initialized

[ 0.645843] Switching to clocksource 32k\_counter

[ 0.650146] Switched to NOHz mode on CPU #0

[ 0.650177] Switched to NOHz mode on CPU #1

[ 0.660339] musb-hdrc: version 6.0, musb-dma, otg (peripheral+host)

[ 0.660644] musb-hdrc: ConfigData=0xde (UTMI-8, dyn FIFOs, bulk combine, bulk split, HB-ISO Rx, HB-ISO Tx, SoftConn)

[ 0.660705] musb-hdrc: MHDRC RTL version 2.0

[ 0.660705] musb-hdrc: setup fifo\_mode 4

[ 0.660736] musb-hdrc: 28/31 max ep, 16384/16384 memory

[ 0.660736] musb-hdrc musb-hdrc: USB OTG mode controller at fc0ab000 using DMA, IRQ 124

[ 0.661529] NET: Registered protocol family 2

[ 0.661834] IP route cache hash table entries: 4096 (order: 2, 16384 bytes)

[ 0.662811] TCP established hash table entries: 16384 (order: 5, 131072 bytes)

[ 0.663146] TCP bind hash table entries: 16384 (order: 6, 393216 bytes)

[ 0.663146] TCP: Hash tables configured (established 16384 bind 16384)

[ 0.663146] TCP reno registered

[ 0.663848] UDP hash table entries: 64 (order: 0, 4096 bytes)

[ 0.663848] UDP-Lite hash table entries: 64 (order: 0, 4096 bytes)

[ 0.663848] NET: Registered protocol family 1

[ 0.664825] RPC: Registered named UNIX socket transport module.

[ 0.664825] RPC: Registered udp transport module.

[ 0.664855] RPC: Registered tcp transport module.

[ 0.664855] RPC: Registered tcp NFSv4.1 backchannel transport module.

[ 1.138336] omap\_init\_opp\_table: no hwmod or odev for hsi, [22] cannot add OPPs.

[ 1.138580] omap\_init\_opp\_table: no hwmod or odev for hsi, [23] cannot add OPPs.

[ 1.639221] ram\_console: got buffer at 90000000, size 200000

[ 1.639434] ram\_console: uncorrectable error in header

[ 1.639434] ram\_console: no valid data in buffer (sig = 0xaaaaaaa9)

[ 1.659759] console [ram-1] enabled

[ 1.660522] omap-iommu omap-iommu.0: ducati registered

[ 1.660766] omap-iommu omap-iommu.1: tesla registered

[ 1.799163] highmem bounce pool size: 64 pages

[ 1.799438] ashmem: initialized

[ 1.808685] fuse init (API version 7.16)

[ 1.809265] msgmni has been set to 218

[ 1.809539] Registering char device tf\_driver (122:0)

[ 1.809814] SMCAG01.06p6.0 D

[ 1.811676] io scheduler noop registered

[ 1.811798] io scheduler deadline registered

[ 1.812042] io scheduler cfq registered (default)

[ 1.812133] start plist test

[ 1.818389] end plist test

[ 1.819335] OMAP DSS rev 4.0

[ 1.821685] Keyboard driver not present

[ 1.834777] dsscomp: initializing.

[ 1.834930] misc dsscomp: display0=taal

[ 1.835052] misc dsscomp: display1=hdmi\_panel

[ 1.835144] misc dsscomp: found 2 displays and 4 overlays, WB overlay 1

[ 1.835662] could not allocate slot

[ 1.836181] omap-rproc omap-rproc.1: powering up ipu

[ 1.836608] virtio\_rpmsg\_bus virtio0: rpmsg backend virtproc probed successfully

[ 1.837249] virtio\_rpmsg\_bus virtio1: rpmsg backend virtproc probed successfully

[ 1.838195] omap\_uart.0: ttyO0 at MMIO 0x4806a000 (irq = 104) is a OMAP UART0

[ 1.838684] omap\_uart.1: ttyO1 at MMIO 0x4806c000 (irq = 105) is a OMAP UART1

[ 1.839416] omap\_uart.2: ttyO2 at MMIO 0x48020000 (irq = 106) is a OMAP UART2

[ 3.164428] console [ttyO2] enabled

[ 3.168518] omap\_uart.3: ttyO3 at MMIO 0x4806e000 (irq = 102) is a OMAP UART3

[ 3.177124] omap\_ion\_probe: adding heap secure\_input of type 2 with f6b00000@5a00000

[ 3.185974] omap\_ion\_probe: adding heap secure\_output\_wfdhdcp of type 2 with f5b00000@800000

[ 3.195465] omap\_ion\_probe: adding heap tiler of type 4 with e7fc0000@7040000

[ 3.203521] omap\_ion\_probe: adding heap nonsecure\_tiler of type 4 with e7c00000@3c0000

[ 3.212463] omap\_ion\_probe: adding heap system of type 0 with 0@0

[ 3.219268] omap\_ion\_probe: adding heap tiler\_reservation of type 5 with 0@0

[ 3.232086] brd: module loaded

[ 3.239898] loop: module loaded

[ 3.239898] (stk) :sysfs entries created

[ 3.250000] (stk) : debugfs entries created

[ 3.265106] ks8851 spi1.0: message enable is 0

[ 3.275390] ks8851 spi1.0: eth0: revision 1, MAC 16:6b:f6:0e:2c:e1, IRQ 194

[ 3.283325] PPP generic driver version 2.4.2

[ 3.283325] PPP Deflate Compression module registered

[ 3.283325] PPP BSD Compression module registered

[ 3.300079] PPP MPPE Compression module registered

[ 3.305511] NET: Registered protocol family 24

[ 3.312438] tun: Universal TUN/TAP device driver, 1.6

[ 3.312438] tun: (C) 1999-2004 Max Krasnyansky <[maxk@qualcomm.com](mailto:maxk@qualcomm.com)>

[ 3.325317] usbcore: registered new interface driver asix

[ 3.331512] usbcore: registered new interface driver cdc\_ether

[ 3.338134] usbcore: registered new interface driver net1080

[ 3.344604] usbcore: registered new interface driver cdc\_subset

[ 3.344757] usbcore: registered new interface driver zaurus

[ 3.357574] cdc\_ncm: 04-Aug-2011

[ 3.357574] usbcore: registered new interface driver cdc\_ncm

[ 3.367645] ehci\_hcd: USB 2.0 'Enhanced' Host Controller (EHCI) Driver

[ 4.395782] ehci-omap ehci-omap.0: OMAP-EHCI Host Controller

[ 4.395782] ehci-omap ehci-omap.0: new USB bus registered, assigned bus number 1

[ 4.418365] ehci-omap ehci-omap.0: irq 109, io mem 0x4a064c00

[ 4.455810] ehci-omap ehci-omap.0: USB 2.0 started, EHCI 1.00

[ 4.455810] usb usb1: New USB device found, idVendor=1d6b, idProduct=0002

[ 4.469909] usb usb1: New USB device strings: Mfr=3, Product=2, SerialNumber=1

[ 4.477935] usb usb1: Product: OMAP-EHCI Host Controller

[ 4.483947] usb usb1: Manufacturer: Linux 3.0.31-01871-gd0d4f29 ehci\_hcd

[ 4.483947] usb usb1: SerialNumber: ehci-omap.0

[ 4.491394] hub 1-0:1.0: USB hub found

[ 4.501281] hub 1-0:1.0: 3 ports detected

[ 4.528991] usbcore: registered new interface driver cdc\_acm

[ 4.528991] cdc\_acm: USB Abstract Control Model driver for USB modems and ISDN adapters

[ 4.528991] Initializing USB Mass Storage driver...

[ 4.528991] usbcore: registered new interface driver usb-storage

[ 4.556762] USB Mass Storage support registered.

[ 4.556762] usbcore: registered new interface driver usbserial

[ 4.568664] usbserial: USB Serial Driver core

[ 4.575347] android\_usb gadget: Mass Storage Function, version: 2009/09/11

[ 4.583068] android\_usb gadget: Number of LUNs=1

[ 4.588256] lun0: LUN: removable file: (no medium)

[ 4.594055] android\_usb gadget: android\_usb ready

[ 4.599456] musb-hdrc musb-hdrc: MUSB HDRC host driver

[ 4.599517] musb-hdrc musb-hdrc: new USB bus registered, assigned bus number 2

[ 4.613433] usb usb2: New USB device found, idVendor=1d6b, idProduct=0002

[ 4.621002] usb usb2: New USB device strings: Mfr=3, Product=2, SerialNumber=1

[ 4.629119] usb usb2: Product: MUSB HDRC host driver

[ 4.634735] usb usb2: Manufacturer: Linux 3.0.31-01871-gd0d4f29 musb-hcd

[ 4.642181] usb usb2: SerialNumber: musb-hdrc

[ 4.647125] hub 2-0:1.0: USB hub found

[ 4.651885] hub 2-0:1.0: 1 port detected

[ 4.709167] mousedev: PS/2 mouse device common for all mice

[ 4.716552] input: omap4-keypad as /devices/platform/omap/omap4-keypad/input/input0

[ 4.731475] tm12xx\_ts: Synaptic TM12xx Touchscreen Driver found man id 1 (1)

[ 4.744750] tm12xx\_ts 2-004b: resetting device (reg 0x62)

[ 4.887237] tm12xx\_ts: Synaptic TM12xx Touchscreen Driver found man id 1 (1)

[ 4.895202] tm12xx\_ts 2-004b: no button capabilities found

[ 4.902832] tm12xx\_ts: product ID: TM1217 family:1 fw:9

[ 4.908660] input: syn\_tm12xx\_ts\_1 as /devices/platform/omap/omap\_i2c.2/i2c-2/2-004b/input/input1

[ 4.920318] tm12xx\_ts 2-004b: device status: 0x0, no error

[ 4.928955] tm12xx\_ts 3-004b: resetting device (reg 0x62)

[ 5.077056] CMA3000 Acclerometer : Revision 10

[ 5.087677] tm12xx\_ts 3-004b: no button capabilities found

[ 5.095184] tm12xx\_ts: product ID: TM1217 family:1 fw:9

[ 5.101013] input: syn\_tm12xx\_ts\_2 as /devices/platform/omap/omap\_i2c.3/i2c-3/3-004b/input/input2

[ 5.112213] tm12xx\_ts 3-004b: device status: 0x0, no error

[ 5.121002] input: cma3000-acclerometer as /devices/virtual/input/input3

[ 5.290344] bh1780 3-0029: Ambient Light Sensor, Rev : 1

[ 5.296295] input: bh1780gli as /devices/virtual/input/input4

[ 5.304168] bmp085 4-0077: BMP085 ver. 1.0 found.

[ 5.304168] input: bmp085 as /devices/virtual/input/input5

[ 5.309631] bmp085 4-0077: Succesfully initialized bmp085!

[ 5.322448] twl6030\_pwrbutton\_probe: Enter

[ 5.327514] input: twl6030\_pwrbutton as /devices/platform/omap/omap\_i2c.1/i2c-1/1-0049/twl6030\_pwrbutton/input/input6

[ 5.340759] input: hmc5843 as /devices/virtual/input/input7

[ 5.347503] sfh7741\_probe: Proximity sensor

[ 5.347503] input: sfh7741 as /devices/platform/sfh7741.1/input/input8

[ 5.360870] twl\_rtc twl\_rtc: Power up reset detected.

[ 5.367767] twl\_rtc twl\_rtc: Enabling TWL-RTC.

[ 5.374542] using rtc device, twl\_rtc, for alarms

[ 5.374938] twl\_rtc twl\_rtc: rtc core: registered twl\_rtc as rtc0

[ 5.387268] i2c /dev entries driver

[ 5.387268] lirc\_dev: IR Remote Control driver registered, major 249

[ 5.399230] IR NEC protocol handler initialized

[ 5.404296] IR RC5(x) protocol handler initialized

[ 5.404296] IR RC6 protocol handler initialized

[ 5.414764] IR JVC protocol handler initialized

[ 5.419830] IR Sony protocol handler initialized

[ 5.425048] IR RC5 (streamzap) protocol handler initialized

[ 5.431274] IR LIRC bridge handler initialized

[ 5.436309] Linux video capture interface: v2.00

[ 5.441619] usbcore: registered new interface driver uvcvideo

[ 5.441619] USB Video Class driver (v1.1.0)

[ 5.452758] dmm: probe base: fd300000, irq 145

[ 5.765319] twl6030\_bci twl6030\_bci: Battery Voltage at Bootup is 3627 mV

[ 5.865020] lm75 3-0048: hwmon0: sensor 'tmp105'

[ 5.875854] OMAP Watchdog Timer Rev 0x01: initial timeout 30 sec

[ 5.884216] device-mapper: uevent: version 1.0.3

[ 5.890380] device-mapper: ioctl: 4.20.0-ioctl (2011-02-02) initialised: [dm-devel@redhat.com](mailto:dm-devel@redhat.com)

[ 5.899932] Bluetooth: HCI UART driver ver 2.2

[ 5.904998] Bluetooth: HCI H4 protocol initialized

[ 5.910430] Bluetooth: Bluetooth Driver for TI WiLink - Version 1.0

[ 5.919219] (stc): st\_register(2)

[ 5.919738] cpuidle: using governor ladder

[ 5.919738] cpuidle: using governor menu

[ 5.931976] (stc): chnl\_id list empty :2

[ 5.936523] (stk) : st\_kim\_start

[ 5.945892] Registered led device: omap4:green:debug0

[ 5.951934] Registered led device: omap4:green:debug1

[ 5.957855] leds-gpio: probe of leds-gpio failed with error -16

[ 5.965209] Registered led device: omap4:green:chrg

[ 5.970916] omap4430\_sdp\_display\_probe:Enter

[ 5.975799] Registered led device: lcd-backlight

[ 5.986358] omap4430\_sdp\_display\_probe:Exit

[ 5.991241] omap4430\_keypad\_led\_probe:Enter

[ 5.996063] Registered led device: keyboard-backlight

[ 6.004425] omap4430\_keypad\_led\_probe:Exit

[ 6.013183] usbcore: registered new interface driver usbhid

[ 6.019561] usbhid: USB HID core driver

[ 6.029388] logger: created 256K log 'log\_main'

[ 6.034545] logger: created 256K log 'log\_events'

[ 6.039978] logger: created 256K log 'log\_radio'

[ 6.045227] logger: created 256K log 'log\_system'

[ 6.053131] thermal\_sensor\_set\_temp: no cooling agents for domain cpu

[ 6.056854] (stk) :ldisc\_install = 1

[ 6.064208] omap\_report\_temp:thermal\_sensor\_set\_temp reports error

[ 6.071655] omap\_temp\_sensor omap\_temp\_sensor.0: omap\_ondie\_sensor : 'omap\_temp\_sensor'

[ 6.071685] thermal\_sensor\_set\_temp: no cooling agents for domain cpu

[ 6.082214] mmc0: new high speed DDR MMC card at address 0001

[ 6.094238] mmcblk0: mmc0:0001 SEM32G 29.7 GiB

[ 6.094421] pcb\_temp\_sensor pcb\_temp\_sensor.0: pcb\_sensor : 'pcb\_temp\_sensor'

[ 6.094604] OMAPRPC: Registration of OMAPRPC rpmsg service returned 0!

[ 6.095397] OMAP HSI: HSI driver version 0.4.3

[ 6.095703] OMAP HSI: Platform DRIVER register FAILED: -19

[ 6.096221] usbcore: registered new interface driver snd-usb-audio

[ 6.099090] SDP4430 SoC init

[ 6.135894] mmcblk0boot0: mmc0:0001 SEM32G partition 1 2.00 MiB

[ 6.142761] mmcblk0boot1: mmc0:0001 SEM32G partition 2 2.00 MiB

[ 6.153137] Alternate GPT is invalid, using primary GPT.

[ 6.159271] mmcblk0: p1 p2 p3 p4 p5 p6 p7 p8 p9 p10

[ 6.169921] mmcblk0boot1: unknown partition table

[ 6.177642] mmcblk0boot0: unknown partition table

[ 6.190002] asoc: null-codec-dai <-> MultiMedia1 mapping ok

[ 6.197540] asoc: null-codec-dai <-> MultiMedia2 mapping ok

[ 6.205535] asoc: null-codec-dai <-> Voice mapping ok

[ 6.212463] asoc: null-codec-dai <-> Tones mapping ok

[ 6.219451] asoc: null-codec-dai <-> Vibra mapping ok

[ 6.225952] asoc: null-codec-dai <-> MODEM mapping ok

[ 6.232482] asoc: null-codec-dai <-> MultiMedia1 LP mapping ok

[ 6.240631] asoc: FM Digital <-> omap-mcbsp-dai.1 mapping ok

[ 6.248443] asoc: twl6040-dl1 <-> mcpdm-dl mapping ok

[ 6.256072] asoc: dmic-hifi <-> omap-dmic-dai-0 mapping ok

[ 6.264221] twl6040-codec twl6040-codec: ASoC: Failed to create Aux/FM Stereo In debugfs file

[ 6.274719] asoc: twl6040-dl1 <-> mcpdm-dl1 mapping ok

[ 6.281463] asoc: twl6040-ul <-> mcpdm-ul1 mapping ok

[ 6.288055] asoc: twl6040-dl2 <-> mcpdm-dl2 mapping ok

[ 6.294799] asoc: twl6040-vib <-> mcpdm-vib mapping ok

[ 6.301483] asoc: Bluetooth <-> omap-mcbsp-dai.0 mapping ok

[ 6.308776] asoc: Bluetooth <-> omap-mcbsp-dai.0 mapping ok

[ 6.315979] asoc: FM Digital <-> omap-mcbsp-dai.1 mapping ok

[ 6.323364] asoc: MODEM <-> omap-mcbsp-dai.1 mapping ok

[ 6.330169] asoc: dmic-hifi <-> omap-dmic-abe-dai-0 mapping ok

[ 6.337646] asoc: dmic-hifi <-> omap-dmic-abe-dai-1 mapping ok

[ 6.345092] asoc: dmic-hifi <-> omap-dmic-abe-dai-2 mapping ok

[ 6.352661] asoc: null-codec-dai <-> omap-abe-vxrec-dai mapping ok

[ 6.362030] input: SDP4430 Headset Jack as /devices/platform/soc-audio/sound/card0/input9

[ 6.374908] asoc: hdmi-audio-codec <-> hdmi-audio-dai mapping ok

[ 6.382232] ALSA device list:

[ 6.385589] #0: TI OMAP4 Board

[ 6.389221] #1: OMAP4HDMI

[ 6.392486] GACT probability NOT on

[ 6.396514] Mirror/redirect action on

[ 6.400604] u32 classifier

[ 6.403656] Actions configured

[ 6.407318] mmc1: host does not support reading read-only switch. assuming write-enable.

[ 6.416503] Netfilter messages via NETLINK v0.30.

[ 6.419677] mmc1: new high speed SDHC card at address b368

[ 6.427978] mmcblk1: mmc1:b368 00000 7.51 GiB

[ 6.428039] nf\_conntrack version 0.5.0 (15892 buckets, 63568 max)

[ 6.429290] ctnetlink v0.93: registering with nfnetlink.

[ 6.429351] NF\_TPROXY: Transparent proxy support initialized, version 4.1.0

[ 6.429351] NF\_TPROXY: Copyright (c) 2006-2007 BalaBit IT Ltd.

[ 6.429748] xt\_time: kernel timezone is -0000

[ 6.432281] ip\_tables: (C) 2000-2006 Netfilter Core Team

[ 6.432525] arp\_tables: (C) 2002 David S. Miller

[ 6.432586] TCP cubic registered

[ 6.433471] NET: Registered protocol family 10

[ 6.441131] Mobile IPv6

[ 6.441162] ip6\_tables: (C) 2000-2006 Netfilter Core Team

[ 6.441558] IPv6 over IPv4 tunneling driver

[ 6.448303] NET: Registered protocol family 17

[ 6.448333] NET: Registered protocol family 15

[ 6.448638] Bridge firewalling registered

[ 6.448791] Bluetooth: RFCOMM TTY layer initialized

[ 6.448822] Bluetooth: RFCOMM socket layer initialized

[ 6.448822] Bluetooth: RFCOMM ver 1.11

[ 6.448822] Bluetooth: BNEP (Ethernet Emulation) ver 1.3

[ 6.448852] Bluetooth: HIDP (Human Interface Emulation) ver 1.2

[ 6.449005] NET: Registered protocol family 35

[ 6.449432] NET: Registered protocol family 37

[ 6.449462] VFP support v0.3: implementor 41 architecture 3 part 30 variant 9 rev 4

[ 6.555084] mmcblk1: p1 p2 p3

[ 6.562133] ThumbEE CPU extension supported.

[ 6.566894] Registering SWP/SWPB emulation handler

[ 6.579071] Reprogramming LPDDR2 timings to 400000000 Hz

[ 6.591613] sr\_init: No PMIC hook to init smartreflex

[ 6.597503] smartreflex smartreflex.0: omap\_sr\_probe: SmartReflex driver initialized

[ 6.606384] smartreflex smartreflex.1: omap\_sr\_probe: SmartReflex driver initialized

[ 6.615264] smartreflex smartreflex.2: omap\_sr\_probe: SmartReflex driver initialized

[ 6.624298] SmartReflex class 1.5 driver: initialized (86400000ms)

[ 6.631500] cpufreq\_interactive\_input\_connect: connect to syn\_tm12xx\_ts\_1

[ 6.639190] cpufreq\_interactive\_input\_connect: connect to syn\_tm12xx\_ts\_2

[ 6.654022] sr\_class1p5\_calib\_work: mpu: Calibration complete: Voltage Nominal=1203000Calib=990000 margin=0

[ 6.664978] sr\_class1p5\_calib\_work: core: Calibration complete: Voltage Nominal=1127000Calib=1012840 margin=13000

[ 6.665496] omap\_cpu\_thermal\_manager:sensor 34000 avg sensor 0 pcb

[ 6.665527] 0, delta 2531 hot spot 36531

[ 6.665527] omap\_cpu\_thermal\_manager: hot spot temp 36531 - going into safe zone

[ 6.682220] mmc2: card claims to support voltages below the defined range. These will be ignored.

[ 6.706665] Power Management for TI OMAP4.

[ 6.711517] OMAP4 PM: Static dependency added between MPUSS and DUCATI <-> L4\_PER/CFG and L3\_1.

[ 6.721618] mmc2: queuing unknown CIS tuple 0x91 (3 bytes)

[ 6.737518] clock: disabling unused clocks to save power

[ 6.744171] mmc2: new high speed SDIO card at address 0001

[ 6.794830] cannot apply mgr(lcd) on inactive device

[ 6.800415] omapfb omapfb: failed to apply dispc config

[ 6.806365] cannot apply mgr(tv) on inactive device

[ 6.811889] omapfb omapfb: failed to apply dispc config

[ 6.817810] cannot apply mgr(lcd2) on inactive device

[ 6.823455] omapfb omapfb: failed to apply dispc config

[ 6.841491] sr\_class1p5\_calib\_work: iva Stop sampling: Voltage Nominal=950000 samples=9

[ 6.850463] sr\_class1p5\_calib\_work: iva: Calibration complete: Voltage Nominal=950000Calib=860920 margin=13000

[ 6.974304] taal display0: taal panel revision e3.85.7d

[ 6.990905] Invalid Device Structure

[ 7.087738] twl\_rtc twl\_rtc: setting system clock to 2000-01-01 00:00:01 UTC (946684801)

[ 7.102294] EXT2-fs (mmcblk1p2): warning: mounting ext3 filesystem as ext2

[ 7.109924] EXT2-fs (mmcblk1p2): warning: mounting unchecked fs, running e2fsck is recommended

[ 7.208679] (stk) :ldisc installation timeout

[ 7.213287] (stk) :ldisc\_install = 0

[ 7.271392] sr\_class1p5\_calib\_work: core: Calibration complete: Voltage Nominal=962000Calib=911560 margin=38000

[ 7.341522] sr\_class1p5\_calib\_work: mpu Stop sampling: Voltage Nominal=1025000 samples=18

[ 7.350860] sr\_class1p5\_calib\_work: mpu: Calibration complete: Voltage Nominal=1025000Calib=840000 margin=10000

[ 7.498504] VFS: Mounted root (ext2 filesystem) on device 179:26.

[ 7.505920] Freeing init memory: 288K

[ 7.532531] init: skipping insecure file '/default.prop'

[ 7.540069] init: skipping insecure file '/init.rc'

[ 8.372772] (stk) : timed out waiting for ldisc to be un-installed

[ 8.487457] (stk) :ldisc\_install = 1

[ 8.536773] sr\_class1p5\_calib\_work: mpu: Calibration complete: Voltage Nominal=1317000Calib=1090000 margin=0

[ 9.646209] (stk) :ldisc installation timeout

[ 9.650970] (stk) :ldisc\_install = 0

[ 10.810302] (stk) : timed out waiting for ldisc to be un-installed

[ 10.924987] (stk) :ldisc\_install = 1

[ 12.007720] init: Timed out waiting for /dev/.coldboot\_done

[ 12.018707] init: skipping insecure file '/system/build.prop'

[ 12.028106] init: Unable to open persistent property directory /data/property errno: 2

[ 12.083709] (stk) :ldisc installation timeout

[ 12.088500] (stk) :ldisc\_install = 0

[ 13.247772] (stk) : timed out waiting for ldisc to be un-installed

[ 13.362884] (stk) :ldisc\_install = 1

[ 14.521209] (stk) :ldisc installation timeout

[ 14.526367] (stk) :ldisc\_install = 0

[ 15.685302] (stk) : timed out waiting for ldisc to be un-installed

[ 15.800079] (stk) :ldisc\_install = 1

[ 16.958709] (stk) :ldisc installation timeout

[ 16.963989] (stk) :ldisc\_install = 0

[ 18.122772] (stk) : timed out waiting for ldisc to be un-installed

[ 18.237487] (stk) :ldisc\_install = 1

[ 19.396240] (stk) :ldisc installation timeout

[ 19.401397] (stk) :ldisc\_install = 0

[ 20.560333] (stk) : timed out waiting for ldisc to be un-installed

[ 20.569702] Bluetooth: st\_register failed -22

[ 62.005981] HDCP: failed to load keys

[ 62.010528] omap-rproc omap-rproc.1: rproc\_loader\_cont: failed to load ducati-m3.bin