

```
root@dm920:~$ dmesg I grep ata
[    0.000000] Booting Linux on physical CPU
0x0
[    0.000000] Initializing cgroup subsys
cpuset
[    0.000000] Initializing cgroup subsys cpu
[    0.000000] Initializing cgroup subsys
cpuacct
[    0.000000] Linux version 3.14-1.17-dm920
(nix@oeDev) (gcc version 5.3.0 (GCC) ) #1 SMP
Thu Jul 1 09:26:16 CEST 2021
[    0.000000] CPU: ARMv7 Processor [420f00f3]
revision 3 (ARMv7), cr=30c7387d
[    0.000000] CPU: PIPT / VIPT nonaliasing
data cache, PIPT instruction cache
[    0.000000] Machine model: BCM97252SSFF
[    0.000000] moving dtb from
0x00000000007728000 to 0x00000000000833e70
[    0.000000] bmem: Reserved 640 MiB at
0x00000000018000000
[    0.000000] bmem: Reserved 384 MiB at
0x00000000080000000
[    0.000000] cma: Reserved 16 MiB at
0x0000000000f000000
[    0.000000] Memory policy: Data cache
writealloc
[    0.000000] On node 0 totalpages: 524288
[    0.000000]   Normal zone: 512 pages used
for memmap
[    0.000000]   Normal zone: 0 pages reserved
[    0.000000]   Normal zone: 65536 pages,
LIFO batch:15
[    0.000000]   HighMem zone: 3584 pages used
for memmap
[    0.000000]   HighMem zone: 458752 pages,
LIFO batch:31
[    0.000000] MCP: Enabling write pairing
[    0.000000] PERCPU: Embedded 8 pages/cpu
@cdfc0000 s8384 r8192 d16192 u32768
```

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[    0.000000] pcpu-alloc: s8384 r8192 d16192
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:
523776
[    0.000000] Kernel command line:
bmem=640M@384M bmem=384M@2048M
console=ttyS0,1000000 root=/dev/mmcblk0p2
rootwait rootfstype=ext4 coherent_pool=2M
[    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: 1006920K/2097152K
available (6114K kernel code, 214K rwdatas,
1580K rodata, 244K init, 208K bss, 1073848K
reserved, 16384K cma-reserved, 786428K highmem)
[    0.000000] Virtual kernel memory layout:
[    0.000000]     vector   : 0xffff0000 -
0xffff1000   (    4 kB)
[    0.000000]     fixmap   : 0xffff0000 -
0xffffe000   (  896 kB)
[    0.000000]     vmalloc  : 0xd0800000 -
0xff000000   (  744 MB)
[    0.000000]     lowmem   : 0xc0000000 -
0xd0000000   (  256 MB)
[    0.000000]     pkmap    : 0xbfe00000 -
0xc0000000   (    2 MB)
[    0.000000]     modules  : 0xbf000000 -
0xbfe00000   (   14 MB)
[    0.000000]     .text    : 0xc0008000 -
0xc078bcec   (7696 kB)
[    0.000000]     .init    : 0xc078c000 -
0xc07c90c0   (  245 kB)
[    0.000000]     .data    : 0xc07ca000 -
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0xc07ffb20    ( 215 kB)
[    0.000000]          .bss : 0xc07ffb28 -
0xc0833e70    ( 209 kB)
[    0.000000] Hierarchical RCU
implementation.
[    0.000000] Additional per-CPU info
printed with stalls.
[    0.000000] RCU restricting CPUs from
NR_CPUS=4 to nr_cpu_ids=2.
[    0.000000] RCU: Adjusting geometry for
rcu_fanout_leaf=16, nr_cpu_ids=2
[    0.000000] NR_IRQS:16 nr_irqs:16 16
[    0.000000] irq_brcmstb_l2: registered L2
intc (mem: 0xfc403000, parent irq: 93)
[    0.000000] irq_brcmstb_l2: registered L2
intc (mem: 0xfc3e1000, parent irq: 64)
[    0.000000] irq_brcmstb_l2: registered L2
intc (mem: 0xfc410640, parent irq: 95)
[    0.000000] irq_brcmstb_l2: registered L2
intc (mem: 0xfc4d1200, parent irq: 58)
[    0.000000] Architected cp15 timer(s)
running at 27.00MHz (virt).
[    0.000004] sched_clock: 56 bits at 27MHz,
resolution 37ns, wraps every 2545165795328ns
[    0.000010] Switching to timer-based delay
loop
[    0.000232] Console: colour dummy device
80x30
[    0.000252] Calibrating delay loop
(skipped), value calculated using timer
frequency.. 54.00 BogoMIPS (lpj=27000)
[    0.000261] pid_max: default: 32768
minimum: 301
[    0.000354] Mount-cache hash table entries:
1024 (order: 0, 4096 bytes)
[    0.000360] Mountpoint-cache hash table
entries: 1024 (order: 0, 4096 bytes)
[    0.005905] Initializing cgroup subsys
devices
```

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[    0.005918] Initializing cgroup subsys
freezer
[    0.005925] Initializing cgroup subsys
net_cls
[    0.005952] CPU: Testing write buffer
coherency: ok
[    0.006163] CPU0: update cpu_power 1024
[    0.006170] CPU0: thread -1, cpu 0, socket
0, mpidr 80000000
[    0.006220] Setting up static identity map
for 0x5d5ab8 - 0x5d5b10
[    0.007466] CPU1: Booted secondary
processor
[    0.007483] CPU1: update cpu_power 1024
[    0.007486] CPU1: thread -1, cpu 1, socket
0, mpidr 80000001
[    0.007555] Brought up 2 CPUs
[    0.007567] SMP: Total of 2 processors
activated (108.00 BogoMIPS).
[    0.007571] CPU: All CPU(s) started in SVC
mode.
[    0.007956] devtmpfs: initialized
[    0.011531] VFP support v0.3: implementor
42 architecture 4 part 00 variant 0 rev 0
[    0.012100] regulator-dummy: no parameters
[    0.012275] NET: Registered protocol family
16
[    0.013210] DMA: preallocated 2048 KiB pool
for atomic coherent allocations
[    0.013397] cpuidle: using governor ladder
[    0.013402] cpuidle: using governor menu
[    0.014531] irq: no irq domain found for /
rdb/interrupt-controller@f040a700 !
[    0.014613] irq: no irq domain found for /
rdb/interrupt-controller@f0417380 !
[    0.016305] syscon f0404000.syscon: regmap
[mem 0xf0404000-0xf0404523] registered
[    0.016376] syscon f03e2400.syscon: regmap
[mem 0xf03e2400-0xf03e27ff] registered
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[ 0.016443] syscon f0452000.syscon: regmap
[mem 0xf0452000-0xf04520ff] registered
[ 0.016507] syscon f0404100.syscon: regmap
[mem 0xf0404100-0xf040415b] registered
[ 0.016571] syscon f040415c.syscon: regmap
[mem 0xf040415c-0xf040419b] registered
[ 0.016638] syscon f0410700.syscon: regmap
[mem 0xf0410700-0xf041070b] registered
[ 0.016704] syscon f041070c.syscon: regmap
[mem 0xf041070c-0xf0410713] registered
[ 0.016767] syscon f1101004.syscon: regmap
[mem 0xf1101004-0xf1101403] registered
[ 0.016828] syscon f1181004.syscon: regmap
[mem 0xf1181004-0xf1181403] registered
[ 0.016897] syscon f0404080.syscon: regmap
[mem 0xf0404080-0xf0404083] registered
[ 0.016963] syscon f04040a4.syscon: regmap
[mem 0xf04040a4-0xf04040a7] registered
[ 0.017026] syscon f03e0154.syscon: regmap
[mem 0xf03e0154-0xf03e0157] registered
[ 0.017088] syscon f03e0354.syscon: regmap
[mem 0xf03e0354-0xf03e0357] registered
[ 0.017169] syscon f03e0400.syscon: regmap
[mem 0xf03e0400-0xf03e0403] registered
[ 0.017475] irq: no irq domain found for /
rdb/interrupt-controller@f0417380 !
[ 0.017700] Broadcom Brahma-B15 readahead
cache at: 0xfc3e2478
[ 0.022062] bio: create slab <bio-0> at 0
[ 0.022361] brcmstb-gpio f040a600.gpio:
Couldn't get IRQ. Enable CONFIG_BCM7120_L2_IRQ
if you want GPIO interrupt support
[ 0.022387] brcmstb-gpio f040a600.gpio:
Registered 5 banks (GPIO(s): 0-159)
[ 0.022413] brcmstb-gpio f0417400.gpio:
Couldn't get IRQ. Enable CONFIG_BCM7120_L2_IRQ
if you want GPIO interrupt support
[ 0.022426] brcmstb-gpio f0417400.gpio:
Registered 2 banks (GPIO(s): 160-223)
```

```
[    0.022773] SCSI subsystem initialized
[    0.022871] libata version 3.00 loaded.
[    0.022990] usbcore: registered new
interface driver usbfs
[    0.023020] usbcore: registered new
interface driver hub
[    0.023078] usbcore: registered new device
driver usb
[    0.023098] media: Linux media interface:
v0.10
[    0.023123] Linux video capture interface:
v2.00
[    0.023176] pps_core: LinuxPPS API ver. 1
registered
[    0.023179] pps_core: Software ver. 5.3.6 -
Copyright 2005-2007 Rodolfo Giometti
<giometti@linux.it>
[    0.023190] PTP clock support registered
[    0.023408] Advanced Linux Sound
Architecture Driver Initialized.
[    0.023693] Bluetooth: Core ver 2.18
[    0.023707] NET: Registered protocol family
31
[    0.023710] Bluetooth: HCI device and
connection manager initialized
[    0.023718] Bluetooth: HCI socket layer
initialized
[    0.023725] Bluetooth: L2CAP socket layer
initialized
[    0.023731] Bluetooth: SCO socket layer
initialized
[    0.024134] Switched to clocksource
arch_sys_counter
[    0.024144] cfg80211: Calling CRDA to
update world regulatory domain
[    0.028516] thermal thermal_zone0: failed
to read out thermal zone 0
[    0.028599] NET: Registered protocol family
2
```

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[    0.028996] TCP established hash table
entries: 2048 (order: 1, 8192 bytes)
[    0.029011] TCP bind hash table entries:
2048 (order: 2, 16384 bytes)
[    0.029033] TCP: Hash tables configured
(established 2048 bind 2048)
[    0.029066] TCP: reno registered
[    0.029073] UDP hash table entries: 256
(order: 1, 8192 bytes)
[    0.029085] UDP-Lite hash table entries:
256 (order: 1, 8192 bytes)
[    0.029214] NET: Registered protocol family
1
[    0.029439] RPC: Registered named UNIX
socket transport module.
[    0.029444] RPC: Registered udp transport
module.
[    0.029448] RPC: Registered tcp transport
module.
[    0.029451] RPC: Registered tcp NFSv4.1
backchannel transport module.
[    0.029457] PCI: CLS 0 bytes, default 64
[    0.030051] futex hash table entries: 512
(order: 3, 32768 bytes)
[    0.030395] bounce pool size: 64 pages
[    0.030920] NFS: Registering the
id_resolver key type
[    0.030953] Key type id_resolver registered
[    0.030957] Key type id_legacy registered
[    0.030968] nfs4filelayout_init: NFSv4 File
Layout Driver Registering...
[    0.031086] SGI XFS with ACLs, security
attributes, realtime, large block/inode
numbers, no debug enabled
[    0.031391] msgmni has been set to 462
[    0.032156] Block layer SCSI generic (bsg)
driver version 0.4 loaded (major 251)
[    0.032165] io scheduler noop registered
[    0.032183] io scheduler cfq registered
```

```
(default)
[    0.032404] brcm-gisb-arb f0400000.gisb-
arb: registered mem: fc400000, irqs: 258, 259
[    0.032672] brcm-usb-phy f0470200.usb-phy:
USB3.0 clock not found in Device Tree
[    0.098410] brcmstb_memc f1102000.memc-ddr:
registered
[    0.098439] brcmstb_memc f1182000.memc-ddr:
registered
[    0.098624] Serial: 8250/16550 driver, 4
ports, IRQ sharing disabled
[    0.099406] f040a900.serial: ttyS0 at MMIO
0xf040a900 (irq = 107, base_baud = 5062500) is
a 16550A
[    0.100263] loop: module loaded
[    0.100551] ahci brcmstb-ahci.0: can't get
clock
[    0.100626] ahci brcmstb-ahci.0: SSS flag
set, parallel bus scan disabled
[    0.111147] ahci brcmstb-ahci.0: AHCI
0001.0300 32 slots 2 ports 6 Gbps 0x3 impl
platform mode
[    0.111154] ahci brcmstb-ahci.0: flags:
64bit ncq sntf stag pm clo pmp slum part
[    0.112927] scsi0 : ahci_platform
[    0.113164] scsi1 : ahci_platform
[    0.113288] ata1: SATA max UDMA/133 mmio
[mem 0xf045a000-0xf045aa9b] port 0x100 irq 91
[    0.113294] ata2: SATA max UDMA/133 mmio
[mem 0xf045a000-0xf045aa9b] port 0x180 irq 91
[    0.113789] spi_brcmstb f03e3400.spi: 1-
lane output, 3-byte address
[    0.113846] spi_brcmstb f03e3400.spi:
master is unqueued, this is deprecated
[    0.114226] m25p80 spi32766.0: found
mx25l25635e, expected m25p80
[    0.114243] spi_brcmstb f03e3400.spi: 1-
lane output, 4-byte address
[    0.114262] m25p80 spi32766.0: mx25l25635e
```



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(32768 Kbytes)
[    0.114287] 5 ofpart partitions found on
MTD device spi32766.0
[    0.114291] Creating 5 MTD partitions on
"spi32766.0":
[    0.114296] 0x00000000000000-0x00000002000000 :
"flash0.bolt"
[    0.114790] 0x00000002000000-0x00000002200000 :
"flash0.nvram"
[    0.115219] 0x00000002200000-0x00000002400000 :
"flash0.devtree"
[    0.115620] 0x00000002400000-0x00000010000000 :
"flash0.recovery"
[    0.116011] 0x00000000000000-0x00000020000000 :
"flash0"
[    0.116709] libphy: Fixed MDIO Bus: probed
[    0.116834] tun: Universal TUN/TAP device
driver, 1.6
[    0.116838] tun: (C) 1999-2004 Max
Krasnyansky <maxk@qualcomm.com>
[    0.117180] bcmgenet f0b00000.ethernet:
GENET 4.5 EPHY: 0x1001
[    0.130143] libphy: bcmgenet MII bus:
probed
[    0.151026] xhci-brcm: xHCI BRCM driver
[    0.151101] xhci-brcm f0471000.xhci_v2:
xHCI Host Controller
[    0.151120] xhci-brcm f0471000.xhci_v2: new
USB bus registered, assigned bus number 1
[    0.151439] xhci-brcm f0471000.xhci_v2: irq
149, io mem 0xf0471000
[    0.151568] usb usb1: New USB device found,
idVendor=1d6b, idProduct=0002
[    0.151574] usb usb1: New USB device
strings: Mfr=3, Product=2, SerialNumber=1
[    0.151579] usb usb1: Product: xHCI Host
Controller
[    0.151583] usb usb1: Manufacturer: Linux
3.14-1.17-dm920 xhci-hcd
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[    0.151587] usb usb1: SerialNumber:
f0471000.xhci_v2
[    0.151913] hub 1-0:1.0: USB hub found
[    0.151938] hub 1-0:1.0: config failed, hub
doesn't have any ports! (err -19)
[    0.152051] xhci-brcm f0471000.xhci_v2:
xHCI Host Controller
[    0.152062] xhci-brcm f0471000.xhci_v2: new
USB bus registered, assigned bus number 2
[    0.152203] usb usb2: New USB device found,
idVendor=1d6b, idProduct=0003
[    0.152209] usb usb2: New USB device
strings: Mfr=3, Product=2, SerialNumber=1
[    0.152213] usb usb2: Product: xHCI Host
Controller
[    0.152217] usb usb2: Manufacturer: Linux
3.14-1.17-dm920 xhci-hcd
[    0.152221] usb usb2: SerialNumber:
f0471000.xhci_v2
[    0.152496] hub 2-0:1.0: USB hub found
[    0.152518] hub 2-0:1.0: 2 ports detected
[    0.152827] ehci-brcm: EHCI BRCM driver
[    0.152902] ehci-brcm f0470300.ehci_v2:
EHCI Host Controller
[    0.152914] ehci-brcm f0470300.ehci_v2: new
USB bus registered, assigned bus number 3
[    0.163028] ehci-brcm f0470300.ehci_v2: irq
145, io mem 0xf0470300
[    0.168143] ehci-brcm f0470300.ehci_v2: USB
2.0 started, EHCI 1.00
[    0.168251] usb usb3: New USB device found,
idVendor=1d6b, idProduct=0002
[    0.168256] usb usb3: New USB device
strings: Mfr=3, Product=2, SerialNumber=1
[    0.168260] usb usb3: Product: EHCI Host
Controller
[    0.168264] usb usb3: Manufacturer: Linux
3.14-1.17-dm920 ehci_hcd
[    0.168268] usb usb3: SerialNumber:
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f0470300.ehci_v2
[    0.168540] hub 3-0:1.0: USB hub found
[    0.168561] hub 3-0:1.0: 1 port detected
[    0.168765] ehci-brcm f0470500.ehci_v2:
EHCI Host Controller
[    0.168778] ehci-brcm f0470500.ehci_v2: new
USB bus registered, assigned bus number 4
[    0.178882] ehci-brcm f0470500.ehci_v2: irq
146, io mem 0xf0470500
[    0.184143] ehci-brcm f0470500.ehci_v2: USB
2.0 started, EHCI 1.00
[    0.184240] usb usb4: New USB device found,
idVendor=1d6b, idProduct=0002
[    0.184245] usb usb4: New USB device
strings: Mfr=3, Product=2, SerialNumber=1
[    0.184250] usb usb4: Product: EHCI Host
Controller
[    0.184255] usb usb4: Manufacturer: Linux
3.14-1.17-dm920 ehci_hcd
[    0.184258] usb usb4: SerialNumber:
f0470500.ehci_v2
[    0.184517] hub 4-0:1.0: USB hub found
[    0.184540] hub 4-0:1.0: 1 port detected
[    0.184779] ohci-brcm: OHCI BRCM driver
[    0.184838] ohci-brcm f0470400.ohci_v2:
BRCM OHCI controller
[    0.184855] ohci-brcm f0470400.ohci_v2: new
USB bus registered, assigned bus number 5
[    0.184875] ohci-brcm f0470400.ohci_v2: irq
147, io mem 0xf0470400
[    0.223148] ata1: SATA link down (SStatus 0
SControl 300)
[    0.239266] usb usb5: New USB device found,
idVendor=1d6b, idProduct=0001
[    0.239271] usb usb5: New USB device
strings: Mfr=3, Product=2, SerialNumber=1
[    0.239275] usb usb5: Product: BRCM OHCI
controller
[    0.239279] usb usb5: Manufacturer: Linux
```

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3.14-1.17-dm920 ohci_hcd
[    0.239284] usb usb5: SerialNumber:
f0470400.ohci_v2
[    0.239558] hub 5-0:1.0: USB hub found
[    0.239579] hub 5-0:1.0: 1 port detected
[    0.239782] ohci-brcm f0470600.ohci_v2:
BRCM OHCI controller
[    0.239796] ohci-brcm f0470600.ohci_v2: new
USB bus registered, assigned bus number 6
[    0.239818] ohci-brcm f0470600.ohci_v2: irq
148, io mem 0xf0470600
[    0.294252] usb usb6: New USB device found,
idVendor=1d6b, idProduct=0001
[    0.294258] usb usb6: New USB device
strings: Mfr=3, Product=2, SerialNumber=1
[    0.294262] usb usb6: Product: BRCM OHCI
controller
[    0.294266] usb usb6: Manufacturer: Linux
3.14-1.17-dm920 ohci_hcd
[    0.294270] usb usb6: SerialNumber:
f0470600.ohci_v2
[    0.294542] hub 6-0:1.0: USB hub found
[    0.294562] hub 6-0:1.0: 1 port detected
[    0.294809] ehci_hcd: USB 2.0 'Enhanced'
Host Controller (EHCI) Driver
[    0.294813] ehci-pci: EHCI PCI platform
driver
[    0.294855] ohci_hcd: USB 1.1 'Open' Host
Controller (OHCI) Driver
[    0.294859] ohci-pci: OHCI PCI platform
driver
[    0.294978] usbcore: registered new
interface driver usb-storage
[    0.294983] i2c /dev entries driver
[    0.295025] lirc_dev: IR Remote Control
driver registered, major 250
[    0.295355] brcmstb_thermal
f04d1500.thermal: registered AVS TMON of-
sensor driver
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[    0.295456] usbcore: registered new
interface driver btusb
[    0.295513] cpufreq_cpu0: failed to get
cpu0 regulator: -19
[    0.295688] brcmstb-cpufreq: probe of
f03e257c.cpu-clk-div failed with error -17
[    0.295762] sdhci: Secure Digital Host
Controller Interface driver
[    0.295765] sdhci: Copyright(c) Pierre
Ossman
[    0.295768] sdhci-pltfm: SDHCI platform and
OF driver helper
[    0.296864] mmc0: no vqmmc regulator found
[    0.296869] mmc0: no vmmc regulator found
[    0.327150] mmc0: SDHCI controller on
f03e0000.sdhci [f03e0000.sdhci] using ADMA
[    0.328214] mmc1: no vqmmc regulator found
[    0.328218] mmc1: no vmmc regulator found
[    0.335147] ata2: SATA link down (SStatus 0
SControl 300)
[    0.358143] mmc1: SDHCI controller on
f03e0200.sdhci [f03e0200.sdhci] using ADMA
[    0.358247] hidraw: raw HID events driver
(C) Jiri Kosina
[    0.358328] usbcore: registered new
interface driver usbhid
[    0.358331] usbhid: USB HID core driver
[    0.358656] TCP: cubic registered
[    0.360737] NET: Registered protocol family
10
[    0.363242] NET: Registered protocol family
17
[    0.364162] Bluetooth: RFCOMM TTY layer
initialized
[    0.364175] Bluetooth: RFCOMM socket layer
initialized
[    0.364178] Bluetooth: RFCOMM ver 1.11
[    0.364182] Bluetooth: BNEP (Ethernet
Emulation) ver 1.3
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[    0.364185] Bluetooth: BNEP filters:
protocol multicast
[    0.364191] Bluetooth: BNEP socket layer
initialized
[    0.364195] Bluetooth: HIDP (Human
Interface Emulation) ver 1.2
[    0.364202] Bluetooth: HIDP socket layer
initialized
[    0.364248] l2tp_core: L2TP core driver,
V2.0
[    0.364269] Key type dns_resolver
registered
[    0.364341] Registering SWP/SWPB emulation
handler
[    0.364601] regulator-dummy: disabling
[    0.364816] ALSA device list:
[    0.364822]   No soundcards found.
[    0.364870] Warning: unable to open an
initial console.
[    0.364925] Waiting for root device /dev/
mmcblk0p2...
[    0.425778] mmc1: BKOPS_EN bit is not set
[    0.432159] mmc1: new high speed MMC card
at address 0001
[    0.432374] mmcblk0: mmc1:0001 8GME4R 7.28
GiB
[    0.432464] mmcblk0boot0: mmc1:0001 8GME4R
partition 1 4.00 MiB
[    0.432563] mmcblk0boot1: mmc1:0001 8GME4R
partition 2 4.00 MiB
[    0.432648] mmcblk0rpmb: mmc1:0001 8GME4R
partition 3 512 KiB
[    0.436331] mmcblk0: p1 p2 p3
[    0.438446] mmcblk0boot1: unknown
partition table
[    0.438930] mmcblk0boot0: unknown
partition table
[    0.471023] EXT4-fs (mmcblk0p2): mounted
filesystem with ordered data mode. Opts:
```

```
(null)
[    0.471053] VFS: Mounted root (ext4
filesystem) readonly on device 179:2.
[    0.475839] devtmpfs: mounted
[    0.599735] random: systemd: uninitialized
urandom read (16 bytes read, 53 bits of
entropy available)
[    0.603187] systemd[1]: systemd 230 running
in system mode. (-PAM -AUDIT -SELINUX -IMA
-APPARMOR -SMACK +SYSVINIT +UTMP
-LIBCRIPTSETUP -GCRYPT -GNUTLS +ACL +XZ -LZ4
-S
ECCOMP +BLKID -ELFUTILS +KMOD -IDN)
[    0.603411] systemd[1]: Detected
architecture arm.
[    0.604756] systemd[1]: Set hostname to
<dm920>.
[    0.618048] random: systemd: uninitialized
urandom read (16 bytes read, 58 bits of
entropy available)
[    0.629579] random: systemd-sysv-ge:
uninitialized urandom read (16 bytes read, 60
bits of entropy available)
[    0.630380] systemd-fstab-generator[78]:
Checking was requested for "rootfs", but it is
not a device.
[    0.640162] random: systemd: uninitialized
urandom read (16 bytes read, 61 bits of
entropy available)
[    0.640270] random: systemd: uninitialized
urandom read (16 bytes read, 61 bits of
entropy available)
[    0.640514] random: systemd: uninitialized
urandom read (16 bytes read, 61 bits of
entropy available)
[    0.640641] random: systemd: uninitialized
urandom read (16 bytes read, 61 bits of
entropy available)
[    0.640865] random: systemd: uninitialized
```

```
urandom read (16 bytes read, 61 bits of
entropy available)
[    0.646323] random: systemd: uninitialized
urandom read (16 bytes read, 63 bits of
entropy available)
[    0.648945] random: systemd: uninitialized
urandom read (16 bytes read, 63 bits of
entropy available)
[    0.708483] systemd[1]: Listening on Syslog
Socket.
[    0.708710] systemd[1]: Reached target Host
and Network Name Lookups.
[    0.708814] systemd[1]: Listening on udev
Kernel Socket.
[    0.710026] systemd[1]: Set up automount
data.automount.
[    0.710442] systemd[1]: Created slice User
and Session Slice.
[    0.710616] systemd[1]: Created slice
System Slice.
[    0.710670] systemd[1]: Reached target
Slices.
[    0.711891] systemd[1]: Starting Generate
environment for enigma2...
[    0.712182] systemd[1]: Listening on
Journal Socket (/dev/log).
[    0.712439] systemd[1]: Listening on
Journal Socket.
[    0.715879] systemd[1]: Starting Load
Kernel Modules...
[    0.717696] systemd[1]: Mounting POSIX
Message Queue File System...
[    0.717857] systemd[1]: Reached target
Paths.
[    0.718398] systemd[1]: Created slice
system-serial\x2dgetty.slice.
[    0.719894] systemd[1]: Starting Setup
Virtual Console...
[    0.726209] systemd[1]: Starting Create
```


list of required static device nodes for the current kernel...

[0.728052] systemd[1]: Starting Journal Service...

[0.729880] systemd[1]: Starting Remount Root and Kernel File Systems...

[0.730318] systemd[1]: Reached target Swap.

[0.730572] systemd[1]: Listening on udev Control Socket.

[0.739339] systemd[1]: Started Setup Virtual Console.

[0.763619] systemd[1]: Started Create list of required static device nodes for the current kernel.

[0.764489] systemd[1]: Mounted POSIX Message Queue File System.

[0.766169] stb_core: module license 'Proprietary' taints kernel.

[0.766182] Disabling lock debugging due to kernel taint

[0.791561] input: dreambox remote control (native) as /devices/virtual/input/input0

[0.792161] input: dreambox advanced remote control (native) as /devices/virtual/input/input1

[0.801001] EXT4-fs (mmcblk0p2): re-mounted. Opts: (null)

[0.806924] systemd[1]: Started Remount Root and Kernel File Systems.

[0.808596] systemd[1]: Starting Create Static Device Nodes in /dev...

[0.813061] systemd[1]: Starting udev Coldplug all Devices...

[0.844171] systemd[1]: Started Generate environment for enigma2.

[0.866885] systemd[1]: Started Journal Service.

[1.028928] systemd-journald[84]: Received

```
request to flush runtime journal from PID 1
[ 1.094718] bcm7439: xvd 20160630, vdc
20160630, rap 20160630, xpt 20160630, driver
version 20200321-dm920
[ 1.252190] random: nonblocking pool is
initialized
[ 1.708469] 1:707338797 SMCB: controller
reset timed out
[ 2.071911] register adapter
[ 2.072183] register adapter
[ 2.072383] register adapter
[ 2.072585] register adapter
[ 2.072799] register adapter
[ 2.072957] fpga init
[ 4.116316] fpga prog done
[ 4.121512] using fpga version 47
[ 4.121807] fp: uart recv error 98
[ 4.122236] swd: status is 0, pls check
[ 4.122240] swd: cannot init port
[ 4.122243] ble module not found
[ 4.122391] input: dreambox front panel
as /devices/virtual/input/input2
[ 4.123632] OFFSET 1717233438 15882815
[ 4.123644] WKTMR 826 15573908
[ 4.123650] LAST WKTMR 817
[ 4.123679] set system time to
1717234265:164898
[ 4.123916] HDMI: CEC start ... state is
now 1
[ 4.127374] set input to 0
[ 4.127384] set fb to 2(-1)
[ 4.131279] startvideomode '2160p50' read
from /etc/videomode
[ 4.131569] bcmfb: creating surface with
pixel format 0x07e48888 (BPXL_eA8_R8_G8_B8)
[ 4.165306] HDMI: now connected
[ 4.201835] HDMI: CEC Physical Addr 3.0.0.0
set from EDID
[ 4.201840] HDMI: EDID read ok
```

```
[    4.201846] HDMI: initial mode set!
[    4.201853] using 50.00Hz as
MonitorRefreshRate
[    4.201858] SET FORMAT: display[0],
format='2160p50'
[    4.201866] HDMI mode
[    4.201870] use EDID to detect colorspace
[    4.201874] preferred colorspace:
Itu_R_BT_2020_NCL
[    4.201878] using 12bit output
[    4.326235] HDMI: CEC use logical address 3
[    4.326255] HDMI: CEC init completed...
state is now 3!
[    4.465531] HDMI: CEC send ok!
[    4.631306] HDMI: CEC recv ok!
[    4.631491] VIDEO0: enable deinterlacer
[    4.631596] VIDEO0: set fallback framerate
to 60000
[    4.631607] VIDEO0: set progressive
override mode to 1
[    4.631611] VIDEO0: set streamtype!
[    4.631617] ->      set MPEG2
[    4.631620] ->      sw rave disabled!
[    4.716282] VIDEO1: set fallback framerate
to 60000
[    4.716295] VIDEO1: set progressive
override mode to 1
[    4.716300] VIDEO1: set streamtype!
[    4.716305] ->      set MPEG2
[    4.716307] ->      sw rave disabled!
[    4.751841] VIDEO2: set fallback framerate
to 60000
[    4.751851] VIDEO2: set progressive
override mode to 1
[    4.751855] VIDEO2: set streamtype!
[    4.751860] ->      set MPEG2
[    4.751863] ->      sw rave disabled!
[    4.765503] set ac3 to downmix
[    4.765517] set wmapro to downmix
```

```
[ 4.765524] set ac3plus to use_hdmi_caps
[ 4.765531] set dtshd to force_dts
[ 4.765541] set aac to downmix
[ 4.765882] audio ch2: add stereo
(background decoder) input to mixer DUMMY2
[ 4.765919] audio ch1: add stereo (hdmi-rx)
input to mixer DUMMY
[ 4.766640] DVB: registering new adapter
(BCM7439)
[ 4.941984] autodetecting NIMs...
[ 4.945448] i2c: ret=-110
[ 4.959736] VIDE00: set blank to 0
[ 4.959906] sync0 is off so we enable it
[ 4.959912] sync0: allocated pcroffset 0
[ 4.959920] sync0: playback!
[ 4.959940] VIDE00: total delay: 0 (0 ms)
[ 4.964753] VIDE00: start decode
[ 4.964866] VIDE00: flush video decoder
[ 4.964873] VIDE00 got pts failed !!!! (ret
0)
[ 4.981735] VIDE00: first pts 0x0
[ 4.981757] VIDE00: EOTF changed to SDR
[ 4.981765] VIDE00: framerate changed 3
[ 4.981773] VIDE00: resolution changed
(1280 720)
[ 4.981779] VIDE00: aspect changed 3
[ 4.981897] set current avs auto aspect to
16:9
[ 4.981912] set current avs auto aspect to
16:9
[ 4.981921] HDMI: using SDR eotf
[ 4.981952] set sb to 3(1)
[ 4.996718] i2c: ret=-110
[ 5.047705] i2c: ret=-110
[ 5.098693] i2c: ret=-110
[ 5.121244] VIDE00: stop decode
[ 5.121254] sync0 1fff no decoder left in
sync handling so disable
[ 5.121258] sync0: was last pcroffset0 user
```

so free it

```
[ 5.149703] i2c: ret=-110
[ 5.200690] i2c: ret=-110
[ 5.251689] i2c: ret=-110
[ 5.302697] i2c: ret=-110
[ 5.353695] i2c: ret=-110
[ 5.360845] HDMI: SDCD Event
[ 5.404694] i2c: ret=-110
[ 5.455693] i2c: ret=-110
[ 5.455699] Found: Slot 0, ID: 1f (by CA)
[ 5.455703] Empty Slot 1
[ 5.455708] Initializing adapter 0
(BCM45308X-DVB-S2)
[ 5.456280] bcm45208(0): chipid register is
45308
[ 5.459108] bcm45308(0): opening 8 sat
channels (demods)
[ 5.459154] (NULL device *): DVB:
registering adapter 0 frontend 0 (BCM45208)...
[ 5.459276] bcm45308(0): InitAP
[ 5.459361] Initializing adapter 1
(BCM45308X-DVB-S2)
[ 5.459385] (NULL device *): DVB:
registering adapter 0 frontend 1 (BCM45208)...
[ 5.460649] Initializing adapter 2
(BCM45308X-DVB-S2)
[ 5.460682] (NULL device *): DVB:
registering adapter 0 frontend 2 (BCM45208)...
[ 5.462057] Initializing adapter 3
(BCM45308X-DVB-S2)
[ 5.462085] (NULL device *): DVB:
registering adapter 0 frontend 3 (BCM45208)...
[ 5.462462] Initializing adapter 4
(BCM45308X-DVB-S2)
[ 5.462503] (NULL device *): DVB:
registering adapter 0 frontend 4 (BCM45208)...
[ 5.462675] Initializing adapter 5
(BCM45308X-DVB-S2)
[ 5.462692] (NULL device *): DVB:
```

```
registering adapter 0 frontend 5 (BCM45208)...
[ 5.462810] Initializing adapter 6
(BCM45308X-DVB-S2)
[ 5.462829] (NULL device *): DVB:
registering adapter 0 frontend 6 (BCM45208)...
[ 5.462934] Initializing adapter 7
(BCM45308X-DVB-S2)
[ 5.462949] (NULL device *): DVB:
registering adapter 0 frontend 7 (BCM45208)...
[ 5.464180] CI stopped...
[ 5.473413] init ALSA!
[ 5.473896] registered vtuner misc/vtuner0,
minor 49
[ 5.474017] registered vtuner misc/vtuner1,
minor 48
[ 5.474158] registered vtuner misc/vtuner2,
minor 47
[ 5.474579] registered vtuner misc/vtuner3,
minor 46
[ 5.474589] HDMI-RX: init
[ 5.475418] HDMI-RX: no device attached
[ 5.475470] HDMI-RX: video format change
event
[ 5.475474] HDMI-RX: hdmi packet status
stopped
[ 5.475481] HDMI-RX: hdmiInput0 Receiving
DVI format
[ 5.475486] HDMI-RX: hdmiInput0 Color Space
change from ' ' to ' '
[ 5.475520] HDMI-RX: init done
[ 5.475525] bcm_vce_init()
[ 5.475529] bcm_vce_init() 0
[ 5.477607] CI stopped...
[ 5.500433] vice0: allocate output buffers
[ 5.507719] input: dreambox ir keyboard
as /devices/virtual/input/input3
[ 5.508012] input: dreambox ir mouse as /
devices/virtual/input/input4
[ 5.513636] ble init (0)
```

```
[    5.513994] input: dreambox remote control
(bluetooth le) as /devices/virtual/input/
input5
[    5.522958] fuse init (API version 7.22)
[    5.536926] Installing knfsd (copyright (C)
1996 okir@monad.swb.de).
[    6.204166] f0b00000.etherne:01: Broadcom
BCM7439 (2) PHY revision: 0x10, patch: 1
[    6.207989] f0b00000.ethernet: configuring
instance for internal PHY
[    6.208100] IPv6: ADDRCONF(NETDEV_UP):
eth0: link is not ready
[    8.211239] libphy: f0b00000.etherne:01 -
Link is Down
[    9.863684] libphy: f0b00000.etherne:01 -
Link is Up - 1000/Full
[    9.863712] IPv6: ADDRCONF(NETDEV_CHANGE):
eth0: link becomes ready
[   11.176431] HDMI: CEC recv ok!
[   13.311757] bcm45308(0): Info Id: 6 Type: 0
Version: 11.2
[   13.333036] bcm45308(0): FW Id: 11 Type: 0
Version 1.8
[   13.333045] bcm45308(0): opening 2 wfe
channels (input adcs)
[   13.333053] bcm45308(0): opening 2 dsq
channels (DiSEqC)
[   13.333059] bcm45308(0): init lnb_ctrl 0
[   13.333513] bcm45308(0): init lnb_ctrl 1
[   13.387155] bcm45308(0): init MTSIF
[   13.948419] input0 set to A1
[   13.948433] input1 set to A2
[   13.948440] input2 set to A3
[   13.948447] input3 set to A4
[   13.948454] input4 set to A5
[   13.948460] input5 set to A6
[   13.948468] input6 set to A7
[   13.948480] input7 set to A8
[   13.948487] input8 set to B
```

```
[ 13.948492] tsmux set tsports reg 00 to val
01
[ 13.948867] input9 set to B1
[ 13.948871] tsmux set tsports reg 01 to val
08
[ 13.949424] tsmux set cisource reg 06 to
val 02
[ 13.949823] tsmux set ciclk reg 34 to val
00
[ 13.950254] tsmux set cisource reg 07 to
val 05
[ 13.950629] tsmux set ciclk reg 34 to val
00
[ 14.164685] bcm45308(0): enabled diseqc and
wfe 0
[ 14.175799] bcm45308(0): in normal mode now
[ 14.175805] bcm45308(0): rf input 0 used
[ 14.188189] bcm45308(1): in normal mode now
[ 14.188198] bcm45308(1): rf input 0 used
[ 14.212720] bcm45308(0): sleeping now
[ 14.242764] bcm45308(1): disabled diseqc
and wfe 0
[ 14.253801] bcm45308(1): sleeping now
[ 14.277680] bcm45308(2): enabled diseqc and
wfe 0
[ 14.288707] bcm45308(2): in normal mode now
[ 14.288712] bcm45308(2): rf input 0 used
[ 14.321858] bcm45308(2): disabled diseqc
and wfe 0
[ 14.332908] bcm45308(2): sleeping now
[ 14.356685] bcm45308(3): enabled diseqc and
wfe 0
[ 14.367757] bcm45308(3): in normal mode now
[ 14.367763] bcm45308(3): rf input 0 used
[ 14.400942] bcm45308(3): disabled diseqc
and wfe 0
[ 14.412063] bcm45308(3): sleeping now
[ 14.435688] bcm45308(4): enabled diseqc and
wfe 0
```



```
[ 14.446725] bcm45308(4): in normal mode now
[ 14.446730] bcm45308(4): rf input 0 used
[ 14.480011] bcm45308(4): disabled diseqc
and wfe 0
[ 14.491062] bcm45308(4): sleeping now
[ 14.515689] bcm45308(5): enabled diseqc and
wfe 0
[ 14.526727] bcm45308(5): in normal mode now
[ 14.526733] bcm45308(5): rf input 0 used
[ 14.538716] bcm45308(6): in normal mode now
[ 14.538724] bcm45308(6): rf input 0 used
[ 14.562412] bcm45308(5): sleeping now
[ 14.573404] bcm45308(7): in normal mode now
[ 14.573410] bcm45308(7): rf input 0 used
[ 14.582848] HDMI: CEC device open ... state
is 3, flushed 2 old messages from RX fifo
[ 14.582958] HDMI: CEC set devtype to 0
[ 14.582967] HDMI: CEC start ... state is
now 1
[ 14.582998] HDMI: CEC returned state 1
[ 14.583005] HDMI: CEC state now 801
[ 14.600188] bcm45308(6): sleeping now
[ 14.634566] bcm45308(7): disabled diseqc
and wfe 0
[ 14.645888] HDMI: CEC use logical address 3
[ 14.645909] HDMI: CEC init completed...
state is now 3!
[ 14.645971] bcm45308(7): sleeping now
[ 14.668680] bcmfb: creating surface with
pixel format 0x07c68888 (BPXL_eA8_B8_G8_R8)
[ 14.782692] HDMI: CEC send ok!
[ 14.847753] HDMI: CEC recv ok!
[ 15.414512] 0 ms:
[ 15.447827] 33 ms: 0
[ 15.451410] 4 ms: 0
[ 15.455216] 4 ms: 0
[ 15.774884] tsmux set cisource reg 06 to
val 02
[ 15.775563] tsmux set cisource reg 07 to
```

```
val 05
[ 15.834589] 379 ms: 0
[ 15.862552] 28 ms: 3
[ 15.868445] 6 ms: 4
[ 15.869420] 1 ms: 4
[ 15.875543] 6 ms: 4
[ 15.894746] 19 ms: 4
[ 15.914581] 20 ms: 4
[ 15.917392] 3 ms: 4
[ 15.918316] 1 ms: 4
[ 15.919334] 1 ms: 4
[ 15.949381] 30 ms: 4
[ 15.950489] 1 ms: 5
[ 15.985240] 35 ms: 5
[ 15.986191] 1 ms: 5
[ 16.002913] 16 ms: 5
[ 16.045515] 43 ms: 5
[ 16.046455] 1 ms: 5
[ 16.050019] 3 ms: 5
[ 16.050981] 1 ms: 5
[ 16.051974] 1 ms: 5
[ 16.056558] 5 ms: 5
[ 16.060733] 4 ms: 5
[ 16.119769] change audioenc bitrate to
256000 bits/s
[ 16.121786] vice0: change videoenc bitrate
to 6000000 bits/s
[ 16.121799] change audioenc bitrate to
128000 bits/s
[ 16.139681] vice0: change gop length to 0ms
[ 16.139695] vice0: allow new gop on new
scene off
[ 16.139702] vice0: change open gop to off
[ 16.139709] vice0: change p-frames to 4
[ 16.139715] vice0: change b-frames to 2
[ 16.139720] vice0: change to 0 slices per
pic
[ 16.139784] vice0: change h264 profile to
main
```

```
[ 16.139793] vice0: change h264 level to 3.1
[ 16.230212] EXT4-fs (mmcblk0p3): mounted
filesystem with ordered data mode. Opts:
(null)
[ 16.245772] 185 ms: 5
[ 16.246886] 1 ms: 6
[ 16.250580] 4 ms: 6
[ 16.256202] 6 ms: 6
[ 16.260847] 4 ms: 6
[ 16.265052] 4 ms: 6
[ 16.266079] 1 ms: 6
[ 16.267441] 2 ms: 6
[ 16.270981] 3 ms: 6
[ 16.272012] 1 ms: 6
[ 16.288909] 17 ms: 6
[ 17.236005] 947 ms: 7
[ 17.256059] 20 ms: 15
[ 17.257184] 2 ms: 16
[ 17.269217] 12 ms: 16
[ 17.270270] 1 ms: 16
[ 17.271413] 1 ms: 16
[ 17.273784] 2 ms: 16
[ 17.277324] 4 ms: 16
[ 17.284913] 7 ms: 16
[ 17.286119] 1 ms: 16
[ 17.354354] 68 ms: 16
[ 17.444055] 89 ms: 16
[ 17.446622] set input to 0
[ 17.446630] set fb to 2(-1)
[ 17.446640] set current avs auto aspect to
16:9
[ 17.446669] set sb to 3(1)
[ 17.447512] set ac3 to downmix
[ 17.448037] set ac3plus to use_hdmi_caps
[ 17.449585] HDMI: using SDR eotf
[ 17.449799] HDMI: using SDR eotf
[ 17.450056] using 50.00Hz as
MonitorRefreshRate
[ 17.450069] VIDE01: shared window not
```

```
available
[ 17.450103] SET FORMAT: display[0],
format='2160p50'
[ 17.450114] HDMI mode
[ 17.450119] use EDID to detect colorspace
[ 17.450151] preferred colorspace:
Itu_R_BT_2020_NCL
[ 17.450157] using 12bit output
[ 17.565437] VIDE01: shared window not
available
[ 17.565478] set current avs auto aspect to
16:9
[ 17.565502] HDMI: using SDR eotf
[ 17.565520] set sb to 3(1)
[ 17.665414] using 50.00Hz as
MonitorRefreshRate
[ 17.665428] VIDE01: shared window not
available
[ 17.665454] SET FORMAT: display[0],
format='2160p50'
[ 17.665464] HDMI mode
[ 17.665468] use EDID to detect colorspace
[ 17.665472] preferred colorspace:
Itu_R_BT_2020_NCL
[ 17.665475] using 12bit output
[ 17.785428] VIDE01: shared window not
available
[ 17.785463] set current avs auto aspect to
16:9
[ 17.785483] HDMI: using SDR eotf
[ 17.785505] set sb to 3(1)
[ 17.786004] 342 ms: 17
[ 17.789118] 3 ms: 21
[ 17.791878] 2 ms: 21
[ 17.830829] 39 ms: 21
[ 17.834713] 4 ms: 22
[ 18.130436] set ac3plus to hdmi_best
[ 18.130576] set dtshd to hdmi_best
[ 18.130679] set aac to hdmi_best
```

```
[ 18.130781] set wmapro to hdmi_best
[ 19.414626] set current avs auto aspect to
16:9
[ 19.414665] set sb to 3(1)
[ 19.414861] set current avs auto aspect to
16:9
[ 19.414891] set sb to 3(1)
[ 19.415018] set current avs auto aspect to
16:9
[ 19.415040] set sb to 3(1)
[ 19.422170] set current avs auto aspect to
16:9
[ 19.422200] set sb to 3(1)
[ 19.422333] set current avs auto aspect to
16:9
[ 19.422349] set sb to 3(1)
[ 19.425003] set current avs auto aspect to
16:9
[ 19.425029] set sb to 3(1)
[ 19.429253] set current avs auto aspect to
16:9
[ 19.429287] set sb to 3(1)
[ 19.431040] set current avs auto aspect to
16:9
[ 19.431074] set sb to 3(1)
[ 19.435424] set current avs auto aspect to
16:9
[ 19.435453] set sb to 3(1)
[ 19.440016] set current avs auto aspect to
16:9
[ 19.440052] set sb to 3(1)
[ 19.440178] set current avs auto aspect to
16:9
[ 19.440195] set sb to 3(1)
[ 19.445035] set current avs auto aspect to
16:9
[ 19.445070] set sb to 3(1)
[ 19.445208] set current avs auto aspect to
16:9
```

```
[ 19.445232] set sb to 3(1)
[ 19.446822] set current avs auto aspect to
16:9
[ 19.446850] set sb to 3(1)
[ 19.556617] 1722 ms: 22
[ 19.559046] tsmux set ciclk reg 34 to val
00
[ 19.560684] tsmux set ciclk reg 34 to val
00
[ 19.569100] 12 ms: 37
[ 23.677217] 4106 ms: 37
[ 24.040920] 364 ms: 95
[ 24.051758] set mute 0 1
[ 24.052854] 12 ms: 99
[ 24.056443] 3 ms: 99
[ 24.109264] bcm45308(0): enabled diseqc and
wfe 0
[ 24.120353] bcm45308(0): in normal mode now
[ 24.120360] bcm45308(0): rf input 0 used
[ 24.123888] input0 set to A1
[ 24.126210] tsmux set reg 40 to val 00
[ 24.126611] tsmux set reg 41 to val 00
[ 24.130341] start PCR0 on dmx 0 pid:14e7
index 3
[ 24.130918] start AUDIO0 on dmx 0 pid:14e8
index 1
[ 24.130925] audio ch0: xpt start
[ 24.130933] audio ch0: reset GA threshold
to 8ms
[ 24.130949] sync0 is off so we enable it
[ 24.130955] sync0: allocated pcroffset 0
[ 24.130966] sync0: demux-index 0 pcr pid
14e7
[ 24.130981] sync0: using 3 as pcr
pidchannel
[ 24.131001] audio ch0: MPEG
[ 24.131007] audio ch0: streamtype set 0
[ 24.131012] audio ch0: streamtype_set: stop
rave
```

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[ 24.131042] audio ch0: add stereo input to
mixer DAC
[ 24.131065] audio ch0: add stereo input to
mixer SPDIF
[ 24.131079] audio ch0: add stereo input to
mixer MAI
[ 24.131112] audio ch0: mai sample rate
changed isr (48000)
[ 24.131129] audio ch0: streamtype_set:
restart rave
[ 24.131411] audio ch0: decoder start
[ 24.131420] audio ch0: video delay 0 (0 ms)
[ 24.131426] VIDE00: total delay: 0 (0 ms)
[ 24.132635] VIDE00: set streamtype!
[ 24.132646] ->      set H264
[ 24.132651] ->      sw rave disabled!
[ 24.132668] audio ch0 delay 18000 (200 ms)
[ 24.132673] VIDE00: total delay: 18000 (200
ms)
[ 24.133059] start VIDE00 on dmx 0 pid:14e7
index 3
[ 24.133095] VIDE00: total delay: 18000 (200
ms)
[ 24.138244] VIDE00: start decode
[ 24.147788] bcm45308(0): voltage(0) is now
13V
[ 24.176218] HDMI: CEC returned state 3
[ 24.176228] HDMI: CEC state now 803
[ 24.335426] HDMI: CEC send ok!
[ 24.452599] HDMI: CEC send ok!
[ 24.520062] HDMI: CEC recv ok!
[ 24.590148] HDMI: CEC recv ok!
[ 24.792245] HDMI: CEC send ok!
[ 24.941781] HDMI: CEC send ok!
[ 25.079609] HDMI: CEC recv ok!
[ 25.217116] HDMI: CEC send ok!
[ 25.354931] HDMI: CEC recv ok!
[ 25.418899] HDMI: CEC send ok!
[ 25.523741] HDMI: CEC send ok!
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[ 25.588744] HDMI: CEC recv ok!
[ 25.775234] HDMI: CEC send ok!
[ 25.913033] HDMI: CEC recv ok!
[ 25.977033] HDMI: CEC send ok!
[ 26.062591] HDMI: CEC recv ok!
[ 26.126580] HDMI: CEC send ok!
[ 26.191625] HDMI: CEC recv ok!
[ 26.280131] HDMI: CEC send ok!
[ 26.417928] HDMI: CEC recv ok!
[ 26.506431] HDMI: CEC send ok!
[ 26.619981] HDMI: CEC recv ok!
[ 26.650257] bcm45308(0): voltage(0) is now
18V
[ 26.683981] HDMI: CEC send ok!
[ 26.749027] HDMI: CEC recv ok!
[ 26.760120] bcm45308(0): voltage(0) is now
13V
[ 26.813025] HDMI: CEC send ok!
[ 27.005921] audio ch0: first pts
0x1d956e834, stc 0x1d956bfa0, pcr valid
[ 27.025218] audio ch0: lock
[ 27.025249] audio ch0: sample rate changed
isr (48000)
[ 27.040337] HDMI: CEC send ok!
[ 27.129630] HDMI: CEC recv ok!
[ 27.193635] HDMI: CEC send ok!
[ 27.298464] HDMI: CEC send ok!
[ 27.365991] audio ch0: status ready isr
[ 27.387728] HDMI: CEC recv ok!
[ 27.476240] HDMI: CEC send ok!
[ 27.544480] HDMI: CEC send ok!
[ 27.678003] HDMI: CEC recv ok!
[ 27.698443] VIDE00: first pts 0x1d958b6dc
[ 27.698473] VIDE00: framerate changed 6
[ 27.698698] set current avs auto aspect to
16:9
[ 27.698734] set sb to 3(1)
[ 27.741992] HDMI: CEC send ok!
[ 27.848171] VIDE00: enable tsm
```



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[ 28.139532] HDMI: CEC recv ok!  
[ 28.228028] HDMI: CEC send ok!  
[ 28.381827] HDMI: CEC send ok!  
[ 39.178627] HDMI: CEC recv ok!  
[ 53.179281] HDMI: CEC recv ok!  
[ 67.180832] HDMI: CEC recv ok!  
[ 81.182278] HDMI: CEC recv ok!  
[ 95.182182] HDMI: CEC recv ok!  
[ 109.184232] HDMI: CEC recv ok!  
[ 123.183879] HDMI: CEC recv ok!  
[ 137.185834] HDMI: CEC recv ok!  
[ 151.185730] HDMI: CEC recv ok!  
root@dm920:~$
```