

[20-08-26-016]

[20-08-26-016]U-Boot SPL 2021.01 (Aug 28 2023 - 17:18:28 +0800)

[20-08-26-055]ti_sci system-controller@44083000: Message not acknowledgedSYSFW ABI: 3.1 (firmware rev 0x0008 '8.6.3--v08.06.03 (Chill Capybar')

[20-08-26-055]EEPROM not available at 0x50, trying to read at 0x51

[20-08-26-055]Reading on-board EEPROM at 0x51 failed 1

[20-08-26-078]SPL initial stack usage: 13472 bytes

[20-08-26-078]Trying to boot from MMC1

[20-08-26-184]warning: Detected image signing certificate on GP device. Skipping certificate to prevent boot failure. This will fail if the image was also encrypted

[20-08-26-193]warning: Detected image signing certificate on GP device. Skipping certificate to prevent boot failure. This will fail if the image was also encrypted

[20-08-26-265]init_env from device 17 not supported!

[20-08-26-281]Starting ATF on ARM64 core...

[20-08-26-281]

[20-08-26-281]NOTICE: BL31: v2.8(release):v2.8-226-g2fcd408bb3-dirty

[20-08-26-289]NOTICE: BL31: Built : 17:56:46, Mar 1 2023

[20-08-26-309]I/TC:

[20-08-26-321]I/TC: OP-TEE version: 3.20.0 (gcc version 9.2.1 20191025 (GNU Toolchain for the A-profile Architecture 9.2-2019.12 (arm-9.10))) #1 wed Mar 1 17:56:56 UTC 2023 aarch64

[20-08-26-321]I/TC: WARNING: This OP-TEE configuration might be insecure!

[20-08-26-332]I/TC: WARNING: Please check https://optee.readthedocs.io/en/latest/architecture/porting_guidelines.html

[20-08-26-332]I/TC: Primary CPU initializing

[20-08-26-344]I/TC: SYSFW ABI: 3.1 (firmware rev 0x0008 '8.6.3--v08.06.03 (Chill Capybar')

[20-08-26-344]I/TC: HUK Initialized

[20-08-26-345]I/TC: Activated SA2UL device

[20-08-26-357]I/TC: Fixing SA2UL firewall owner for GP device

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[20-08-26-357]I/TC: Enabled firewalls for SA2UL TRNG device

[20-08-26-359]I/TC: SA2UL TRNG initialized

[20-08-26-370]I/TC: SA2UL Drivers initialized

[20-08-26-371]I/TC: Primary CPU switching to normal world boot

[20-08-26-461]

[20-08-26-462]U-Boot SPL 2021.01 (Aug 28 2023 - 17:18:28 +0800)

[20-08-26-484]ti_sci system-controller@44083000: Message not acknowledgedSYSFW
ABI: 3.1 (firmware rev 0x0008 '8.6.3--v08.06.03 (Chill Capybar)')

[20-08-26-547]EEPROM not available at 0x50, trying to read at 0x51

[20-08-26-548]Reading on-board EEPROM at 0x51 failed 1

[20-08-26-570]Trying to boot from MMC1

[20-08-27-478]

[20-08-27-478]

[20-08-27-479]U-Boot 2021.01 (Aug 28 2023 - 17:18:28 +0800)

[20-08-27-479]

[20-08-27-479]SoC: J721S2 SR1.0 GP

[20-08-27-481]Model: Texas Instruments J721S2 EVM

[20-08-27-547]EEPROM not available at 0x50, trying to read at 0x51

[20-08-27-547]Reading on-board EEPROM at 0x51 failed 1

[20-08-27-548]Board: J721S2X-PM1-SOM rev E1

[20-08-27-556]DRAM: 4 GiB

[20-08-27-604]Flash: 0 Bytes

[20-08-27-604]MMC: mmc@4f80000: 0, mmc@4fb0000: 1

[20-08-27-604]In: serial@2880000

[20-08-27-604]out: serial@2880000

[20-08-27-607]Err: serial@2880000

[20-08-27-612]Failed to probe am65_cpsw_nuss driver

[20-08-27-670]EEPROM not available at 0x50, trying to read at 0x51

[20-08-27-670]Reading on-board EEPROM at 0x51 failed 1

[20-08-27-673]Net: No ethernet found.
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[20-08-27-680]Hit any key to stop autoboot: 0

[20-08-27-768]switch to partitions #0, OK

[20-08-27-768]mmc0(part 0) is current device

[20-08-27-859]SD/MMC found on device 0

[20-08-27-859]Failed to load 'boot.scr'

[20-08-27-861]Failed to load 'uEnv.txt'

[20-08-27-875]k3_r5f_rproc r5f@41000000: Core 1 is already in use. No rproc
commands work

[20-08-27-875]k3_r5f_rproc r5f@41400000: Core 2 is already in use. No rproc
commands work

[20-08-27-917]904328 bytes read in 26 ms (33.2 MiB/s)

[20-08-27-926]Load Remote Processor 2 with data@addr=0x82000000 904328 bytes:
Success!

[20-08-27-957]306092 bytes read in 13 ms (22.5 MiB/s)

[20-08-27-957]Load Remote Processor 3 with data@addr=0x82000000 306092 bytes:
Success!

[20-08-27-970]Failed to load '/lib/firmware/j721s2-main-r5f1_0-fw'

[20-08-27-971]Failed to load '/lib/firmware/j721s2-main-r5f1_1-fw'

[20-08-28-300]14815296 bytes read in 323 ms (43.7 MiB/s)

[20-08-28-312]Load Remote Processor 6 with data@addr=0x82000000 14815296 bytes:
Success!

[20-08-28-534]9777080 bytes read in 215 ms (43.4 MiB/s)

[20-08-28-548]Load Remote Processor 7 with data@addr=0x82000000 9777080 bytes:
Success!

[20-08-28-964]19079680 bytes read in 412 ms (44.2 MiB/s)

[20-08-28-978]82250 bytes read in 7 ms (11.2 MiB/s)

[20-08-28-990]9890 bytes read in 6 ms (1.6 MiB/s)

[20-08-29-078]## Flattened Device Tree blob at 88000000

[20-08-29-080] Booting using the fdt blob at 0x88000000

[20-08-29-099] Loading Device Tree to 000000008fee8000, end 000000008fffffff ...
OK

[20-08-29-108]
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[20-08-29-108]starting kernel ...

[20-08-29-109]

[20-08-29-251][0.000000] Booting Linux on physical CPU 0x0000000000
[0x411fd080]

[20-08-29-265][0.000000] Linux version 5.10.162-g76b3e88d56 (hhw3516496@fdt-
comp-07) (aarch64-none-linux-gnu-gcc (GNU Toolchain for the A-profile
Architecture 9.2-2019.12 (arm-9.10)) 9.2.1 20191025, GNU ld (GNU Toolchain for
the A-profile Architecture 9.2-2019.12 (arm-9.10)) 2.33.1.20191209) #9 SMP
PREEMPT Thu Aug 31 15:27:36 CST 2023

[20-08-29-287][0.000000] Machine model: Texas Instruments J721S2 EVM

[20-08-29-297][0.000000] earlycon: ns16550a0 at MMIO32 0x0000000002880000
(options '')

[20-08-29-297][0.000000] printk: bootconsole [ns16550a0] enabled

[20-08-29-298][0.000000] efi: UEFI not found.

[20-08-29-308][0.000000] Reserved memory: created DMA memory pool at
0x00000000a0000000, size 1 MiB

[20-08-29-321][0.000000] OF: reserved mem: initialized node vision-apps-r5f-dma-
memory@a0000000, compatible id shared-dma-pool

[20-08-29-331][0.000000] Reserved memory: created DMA memory pool at
0x00000000a0100000, size 15 MiB

[20-08-29-343][0.000000] OF: reserved mem: initialized node vision-apps-r5f-
memory@a0100000, compatible id shared-dma-pool

[20-08-29-343][0.000000] Reserved memory: created DMA memory pool at
0x00000000a1000000, size 1 MiB

[20-08-29-354][0.000000] OF: reserved mem: initialized node vision-apps-r5f-dma-
memory@a1000000, compatible id shared-dma-pool

[20-08-29-365][0.000000] Reserved memory: created DMA memory pool at
0x00000000a1100000, size 15 MiB

[20-08-29-377][0.000000] OF: reserved mem: initialized node vision-apps-r5f-
memory@a1100000, compatible id shared-dma-pool

[20-08-29-388][0.000000] Reserved memory: created DMA memory pool at
0x00000000a2000000, size 1 MiB

[20-08-29-400][0.000000] OF: reserved mem: initialized node vision-apps-r5f-dma-
memory@a2000000, compatible id shared-dma-pool

[20-08-29-400][0.000000] Reserved memory: created DMA memory pool at
0x00000000a2100000, size 31 MiB

[20-08-29-411][0.000000] OF: reserved mem: initialized node vision-apps-r5f-
memory@a2100000, compatible id shared-dma-pool

[20-08-29-422][0.000000] Reserved memory: created DMA memory pool at 0x00000000a4000000, size 1 MiB

[20-08-29-433][0.000000] OF: reserved mem: initialized node vision-apps-r5f-dma-memory@a4000000, compatible id shared-dma-pool

[20-08-29-446][0.000000] Reserved memory: created DMA memory pool at 0x00000000a4100000, size 31 MiB

[20-08-29-446][0.000000] OF: reserved mem: initialized node vision-apps-r5f-memory@a4100000, compatible id shared-dma-pool

[20-08-29-457][0.000000] Reserved memory: created DMA memory pool at 0x00000000a6000000, size 1 MiB

[20-08-29-470][0.000000] OF: reserved mem: initialized node vision-apps-r5f-dma-memory@a6000000, compatible id shared-dma-pool

[20-08-29-481][0.000000] Reserved memory: created DMA memory pool at 0x00000000a6100000, size 15 MiB

[20-08-29-494][0.000000] OF: reserved mem: initialized node vision-apps-r5f-memory@a6100000, compatible id shared-dma-pool

[20-08-29-494][0.000000] Reserved memory: created DMA memory pool at 0x00000000a7000000, size 1 MiB

[20-08-29-504][0.000000] OF: reserved mem: initialized node vision-apps-r5f-dma-memory@a7000000, compatible id shared-dma-pool

[20-08-29-515][0.000000] Reserved memory: created DMA memory pool at 0x00000000a7100000, size 15 MiB

[20-08-29-525][0.000000] OF: reserved mem: initialized node vision-apps-r5f-memory@a7100000, compatible id shared-dma-pool

[20-08-29-539][0.000000] Reserved memory: created DMA memory pool at 0x00000000a8000000, size 32 MiB

[20-08-29-548][0.000000] OF: reserved mem: initialized node vision-apps-rtos-ipc-memory-region@a8000000, compatible id shared-dma-pool

[20-08-29-548][0.000000] Reserved memory: created DMA memory pool at 0x00000000aa000000, size 96 MiB

[20-08-29-558][0.000000] OF: reserved mem: initialized node vision-apps-dma-memory@aa000000, compatible id shared-dma-pool

[20-08-29-570][0.000000] Reserved memory: created DMA memory pool at 0x00000000b0000000, size 1 MiB

[20-08-29-581][0.000000] OF: reserved mem: initialized node vision-apps-c71-dma-memory@b0000000, compatible id shared-dma-pool

[20-08-29-593][0.000000] Reserved memory: created DMA memory pool at 0x00000000b0100000, size 95 MiB

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[20-08-29-593][ 0.000000] OF: reserved mem: initialized node vision-apps-c71_0-
memory@b0100000, compatible id shared-dma-pool

[20-08-29-604][ 0.000000] Reserved memory: created DMA memory pool at
0x00000000b6000000, size 1 MiB

[20-08-29-615][ 0.000000] OF: reserved mem: initialized node vision-apps-c71_1-
dma-memory@b6000000, compatible id shared-dma-pool

[20-08-29-626][ 0.000000] Reserved memory: created DMA memory pool at
0x00000000b6100000, size 31 MiB

[20-08-29-639][ 0.000000] OF: reserved mem: initialized node vision-apps-c71_1-
memory@b6100000, compatible id shared-dma-pool

[20-08-29-650][ 0.000000] OF: reserved mem: initialized node vision_apps_shared-
memories, compatible id dma-heap-carveout

[20-08-29-652][ 0.000000] Reserved memory: created DMA memory pool at
0x00000000d8000000, size 64 MiB

[20-08-29-661][ 0.000000] OF: reserved mem: initialized node vision-apps-core-
heap-memory-lo@d8000000, compatible id shared-dma-pool

[20-08-29-672][ 0.000000] Reserved memory: created DMA memory pool at
0x0000000088000000, size 704 MiB

[20-08-29-683][ 0.000000] OF: reserved mem: initialized node vision-apps-core-
heap-memory-hi@88000000, compatible id shared-dma-pool

[20-08-29-695][ 0.000000] Reserved memory: created CMA memory pool at
0x000000008ac00000, size 896 MiB

[20-08-29-703][ 0.000000] OF: reserved mem: initialized node linux-cma-
buffers@8ac00000, compatible id shared-dma-pool

[20-08-29-774][ 0.000000] Zone ranges:

[20-08-29-775][ 0.000000] DMA [mem 0x0000000080000000-0x00000000ffffffff]

[20-08-29-784][ 0.000000] DMA32 empty

[20-08-29-784][ 0.000000] Normal [mem 0x0000000100000000-0x00000008ffffffff]

[20-08-29-786][ 0.000000] Movable zone start for each node

[20-08-29-795][ 0.000000] Early memory node ranges

[20-08-29-796][ 0.000000] node 0: [mem 0x0000000080000000-0x000000009e7ffffff]

[20-08-29-807][ 0.000000] node 0: [mem 0x000000009e800000-0x00000000b7ffffff]

[20-08-29-808][ 0.000000] node 0: [mem 0x00000000b8000000-0x00000000d7ffffff]

[20-08-29-818][ 0.000000] node 0: [mem 0x00000000d8000000-0x00000000dbffffff]

[20-08-29-830][ 0.000000] node 0: [mem 0x00000000dc000000-0x00000000ffffffff]
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[20-08-29-830][ 0.000000] node 0: [mem 0x0000000880000000-0x00000008abffffff]

[20-08-29-845][ 0.000000] node 0: [mem 0x00000008ac000000-0x00000008fffffff]

[20-08-29-846][ 0.000000] Initmem setup node 0 [mem 0x0000000800000000-0x00000008fffffff]

[20-08-29-864][ 0.000000] psci: probing for conduit method from DT.

[20-08-29-865][ 0.000000] psci: PSCIv1.1 detected in firmware.

[20-08-29-875][ 0.000000] psci: Using standard PSCI v0.2 function IDs

[20-08-29-876][ 0.000000] psci: Trusted OS migration not required

[20-08-29-888][ 0.000000] psci: SMC Calling Convention v1.2

[20-08-29-889][ 0.000000] percpu: Embedded 22 pages/cpu s50392 r8192 d31528 u90112

[20-08-29-898][ 0.000000] Detected PIPT I-cache on CPU0

[20-08-29-899][ 0.000000] CPU features: detected: GIC system register CPU interface

[20-08-29-909][ 0.000000] CPU features: detected: EL2 vector hardening

[20-08-29-910][ 0.000000] CPU features: detected: ARM errata 1165522, 1319367, or 1530923

[20-08-29-922][ 0.000000] CPU features: detected: Spectre-BHB

[20-08-29-922][ 0.000000] CPU features: detected: ARM erratum 1742098

[20-08-29-932][ 0.000000] Built 1 zonelists, mobility grouping on. Total pages: 1032192

[20-08-29-942][ 0.000000] kernel command line: console=ttyS2,115200n8 earlycon=ns16550a,mmio32,0x02880000 mtdparts=47040000.spi.0:512k(osp_i.tiboot3),2m(osp_i.tisp1),4m(osp_i.u-boot),256k(osp_i.env),256k(osp_i.env.backup),57088k@8m(osp_i.rootfs),256k(osp_i.phypattern);47034000.hyperbus:512k(hbmc.tiboot3),2m(hbmc.tisp1),4m(hbmc.u-boot),256k(hbmc.env),-@8m(hbmc.rootfs) root=PARTUUID=e4752abe-d708-47ae-b199-9f918c1ef232 rw rootfstype=ext4 rootwait

[20-08-29-978][ 0.000000] Dentry cache hash table entries: 524288 (order: 10, 4194304 bytes, linear)

[20-08-29-992][ 0.000000] Inode-cache hash table entries: 262144 (order: 9, 2097152 bytes, linear)

[20-08-29-993][ 0.000000] mem auto-init: stack:off, heap alloc:off, heap free:off

[20-08-30-007][ 0.000000] software IO TLB: mapped [mem 0x00000000fbfff000-0x00000000fffff000] (64MB)
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[20-08-30-059][0.000000] Memory: 1385072K/4194304K available (11200K kernel code, 1160K rwdata, 4304K rodata, 1856K init, 433K bss, 1891728K reserved, 917504K cma-reserved)

[20-08-30-062][0.000000] SLUB: Hwalign=64, Order=0-3, MinObjects=0, CPUs=2, Nodes=1

[20-08-30-073][0.000000] rcu: Preemptible hierarchical RCU implementation.

[20-08-30-074][0.000000] rcu: RCU event tracing is enabled.

[20-08-30-084][0.000000] rcu: RCU restricting CPUs from NR_CPUS=256 to nr_cpu_ids=2.

[20-08-30-084][0.000000] Trampoline variant of Tasks RCU enabled.

[20-08-30-094][0.000000] Tracing variant of Tasks RCU enabled.

[20-08-30-095][0.000000] rcu: RCU calculated value of scheduler-enlistment delay is 25 jiffies.

[20-08-30-106][0.000000] rcu: Adjusting geometry for rcu_fanout_leaf=16, nr_cpu_ids=2

[20-08-30-121][0.000000] NR_IRQS: 64, nr_irqs: 64, preallocated irqs: 0

[20-08-30-121][0.000000] GICv3: GIC: Using split EOI/Deactivate mode

[20-08-30-121][0.000000] GICv3: 960 SPIs implemented

[20-08-30-129][0.000000] GICv3: 0 Extended SPIs implemented

[20-08-30-130][0.000000] GICv3: Distributor has no Range Selector support

[20-08-30-141][0.000000] GICv3: 16 PPIs implemented

[20-08-30-141][0.000000] GICv3: CPU0: found redistributor 0 region 0:0x0000000001900000

[20-08-30-154][0.000000] ITS [mem 0x01820000-0x0182ffff]

[20-08-30-156][0.000000] GIC: enabling workaround for ITS: Socionext Synquacer pre-ITS

[20-08-30-167][0.000000] ITS@0x0000000001820000: Devices Table too large, reduce ids 20->19

[20-08-30-180][0.000000] ITS@0x0000000001820000: allocated 524288 Devices @8e480000 (flat, esz 8, psz 64K, shr 0)

[20-08-30-181][0.000000] ITS: using cache flushing for cmd queue

[20-08-30-191][0.000000] GICv3: using LPI property table @0x00000008e4030000

[20-08-30-192][0.000000] GIC: using cache flushing for LPI property table

[20-08-30-204][0.000000] GICv3: CPU0: using allocated LPI pending table @0x00000008e4040000

[20-08-30-204][0.000000] arch_timer: cp15 timer(s) running at 200.00MHz (phys).

[20-08-30-213][0.000000] clocksource: arch_sys_counter: mask: 0xffffffffffffff
max_cycles: 0x2e2049d3e8, max_idle_ns: 440795210634 ns

[20-08-30-226][0.000002] sched_clock: 56 bits at 200MHz, resolution 5ns, wraps every 4398046511102ns

[20-08-30-226][0.008386] Console: colour dummy device 80x25

[20-08-30-237][0.012953] Calibrating delay loop (skipped), value calculated using timer frequency.. 400.00 BogoMIPS (lpj=800000)

[20-08-30-248][0.023624] pid_max: default: 32768 minimum: 301

[20-08-30-248][0.028382] LSM: Security Framework initializing

[20-08-30-260][0.033141] Mount-cache hash table entries: 8192 (order: 4, 65536 bytes, linear)

[20-08-30-273][0.040720] Mountpoint-cache hash table entries: 8192 (order: 4, 65536 bytes, linear)

[20-08-30-274][0.049642] rcu: Hierarchical SRCU implementation.

[20-08-30-284][0.054724] Platform MSI: msi-controller@1820000 domain created

[20-08-30-285][0.060938] PCI/MSI: /bus@100000/interrupt-controller@1800000/msi-controller@1820000 domain created

[20-08-30-299][0.070244] EFI services will not be available.

[20-08-30-299][0.074979] smp: Bringing up secondary CPUs ...

[20-08-30-300]I/TC: Secondary CPU 1 initializing

[20-08-30-308]I/TC: Secondary CPU 1 switching to normal world boot

[20-08-30-308][0.088076] Detected PIPT I-cache on CPU1

[20-08-30-321][0.088103] GICv3: CPU1: found redistributor 1 region
0:0x000000001920000

[20-08-30-322][0.088115] GICv3: CPU1: using allocated LPI pending table
@0x00000008e4050000

[20-08-30-331][0.088155] CPU1: Booted secondary processor 0x0000000001
[0x411fd080]

[20-08-30-331][0.088212] smp: Brought up 1 node, 2 CPUs

[20-08-30-342][0.117562] SMP: Total of 2 processors activated.

[20-08-30-342][0.122369] CPU features: detected: 32-bit ELO support

[20-08-30-350][0.127625] CPU features: detected: CRC32 instructions

[20-08-30-365][0.142290] CPU: All CPU(s) started at EL2

[20-08-30-365][0.146493] alternatives: patching kernel code

[20-08-30-372][0.151570] devtmpfs: initialized

[20-08-30-381][0.159449] KASLR disabled due to lack of seed

[20-08-30-398][0.164111] clocksource: jiffies: mask: 0xffffffff max_cycles: 0xffffffff, max_idle_ns: 7645041785100000 ns

[20-08-30-399][0.174079] futex hash table entries: 512 (order: 3, 32768 bytes, linear)

[20-08-30-417][0.194482] pinctrl core: initialized pinctrl subsystem

[20-08-30-418][0.200175] DMI not present or invalid.

[20-08-30-430][0.204450] NET: Registered protocol family 16

[20-08-30-431][0.209879] DMA: preallocated 512 KiB GFP_KERNEL pool for atomic allocations

[20-08-30-441][0.217197] DMA: preallocated 512 KiB GFP_KERNEL|GFP_DMA pool for atomic allocations

[20-08-30-455][0.225204] DMA: preallocated 512 KiB GFP_KERNEL|GFP_DMA32 pool for atomic allocations

[20-08-30-456][0.233541] thermal_sys: Registered thermal governor 'step_wise'

[20-08-30-465][0.233544] thermal_sys: Registered thermal governor 'power_allocator'

[20-08-30-467][0.240162] hw-breakpoint: found 6 breakpoint and 4 watchpoint registers.

[20-08-30-478][0.253820] ASID allocator initialised with 65536 entries

[20-08-30-495][0.273532] HugeTLB registered 1.00 GiB page size, pre-allocated 0 pages

[20-08-30-508][0.280392] HugeTLB registered 32.0 MiB page size, pre-allocated 0 pages

[20-08-30-508][0.287238] HugeTLB registered 2.00 MiB page size, pre-allocated 0 pages

[20-08-30-522][0.294085] HugeTLB registered 64.0 KiB page size, pre-allocated 0 pages

[20-08-30-522][0.301618] cryptd: max_cpu_qlen set to 1000

[20-08-30-534][0.307825] k3-chipinfo 43000014.chipid: Family:J721S2 rev:SR1.0 JTAGID[0x0bb7502f] Detected

[20-08-30-534][0.316914] vsys_3v3: supplied by evm_12v0

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[20-08-30-546][ 0.321316] vsys_5v0: supplied by evm_12v0

[20-08-30-546][ 0.326189] iommu: Default domain type: Translated

[20-08-30-558][ 0.331336] SCSI subsystem initialized

[20-08-30-558][ 0.335458] mc: Linux media interface: v0.10

[20-08-30-559][ 0.339836] videodev: Linux video capture interface: v2.00

[20-08-30-569][ 0.345476] pps_core: LinuxPPS API ver. 1 registered

[20-08-30-581][ 0.350550] pps_core: Software ver. 5.3.6 - Copyright 2005-2007
Rodolfo Giometti <giometti@linux.it>

[20-08-30-581][ 0.359889] PTP clock support registered

[20-08-30-582][ 0.363908] EDAC MC: Ver: 3.0.0

[20-08-30-593][ 0.367728] FPGA manager framework

[20-08-30-593][ 0.371244] Advanced Linux Sound Architecture Driver Initialized.

[20-08-30-605][ 0.377894] clocksource: Switched to clocksource arch_sys_counter

[20-08-30-607][ 0.384236] VFS: Disk quotas dquot_6.6.0

[20-08-30-622][ 0.388275] VFS: Dquot-cache hash table entries: 512 (order 0, 4096
bytes)

[20-08-30-622][ 0.398067] Carveout Heap: Exported 512 MiB at 0x00000000b8000000

[20-08-30-634][ 0.404366] NET: Registered protocol family 2

[20-08-30-634][ 0.409114] IP idents hash table entries: 65536 (order: 7, 524288
bytes, linear)

[20-08-30-644][ 0.417792] tcp_listen_portaddr_hash hash table entries: 2048
(order: 3, 32768 bytes, linear)

[20-08-30-656][ 0.426565] TCP established hash table entries: 32768 (order: 6,
262144 bytes, linear)

[20-08-30-657][ 0.434769] TCP bind hash table entries: 32768 (order: 7, 524288
bytes, linear)

[20-08-30-667][ 0.442527] TCP: Hash tables configured (established 32768 bind
32768)

[20-08-30-681][ 0.449352] UDP hash table entries: 2048 (order: 4, 65536 bytes,
linear)

[20-08-30-682][ 0.456251] UDP-Lite hash table entries: 2048 (order: 4, 65536
bytes, linear)

[20-08-30-691][ 0.463662] NET: Registered protocol family 1

[20-08-30-692][ 0.468423] RPC: Registered named UNIX socket transport module.
```

[20-08-30-704][0.474484] RPC: Registered udp transport module.

[20-08-30-705][0.479300] RPC: Registered tcp transport module.

[20-08-30-714][0.484104] RPC: Registered tcp NFSv4.1 backchannel transport module.

[20-08-30-714][0.490686] NET: Registered protocol family 44

[20-08-30-715][0.495235] PCI: CLS 0 bytes, default 64

[20-08-30-727][0.499634] hw perfevents: enabled with armv8_cortex_a72 PMU driver, 7 counters available

[20-08-30-727][0.510221] Initialise system trusted keyrings

[20-08-30-739][0.514851] workingset: timestamp_bits=46 max_order=20 bucket_order=0

[20-08-30-751][0.523106] squashfs: version 4.0 (2009/01/31) Phillip Lougher

[20-08-30-751][0.529349] NFS: Registering the id_resolver key type

[20-08-30-752][0.534524] Key type id_resolver registered

[20-08-30-764][0.538795] Key type id_legacy registered

[20-08-30-765][0.542916] nfs4filelayout_init: NFSv4 File Layout Driver Registering...

[20-08-30-775][0.549765] nfs4flexfilelayout_init: NFSv4 Flexfile Layout Driver Registering...

[20-08-30-780][0.557417] 9p: Installing v9fs 9p2000 file system support

[20-08-30-807][0.582382] Key type asymmetric registered

[20-08-30-807][0.586571] Asymmetric key parser 'x509' registered

[20-08-30-817][0.591571] Block layer SCSI generic (bsg) driver version 0.4 loaded (major 243)

[20-08-30-817][0.599131] io scheduler mq-deadline registered

[20-08-30-832][0.603756] io scheduler kyber registered

[20-08-30-832][0.609223] pinctrl-single 4301c000.pinctrl: 101 pins, size 404

[20-08-30-839][0.615450] pinctrl-single 11c000.pinctrl: 72 pins, size 288

[20-08-30-854][0.625937] serial: 8250/16550 driver, 10 ports, IRQ sharing enabled

[20-08-30-858][0.639135] brd: module loaded

[20-08-30-873][0.646026] loop: module loaded

[20-08-30-873][0.649859] megasas: 07.714.04.00-rc1

[20-08-30-888][0.655667] tun: Universal TUN/TAP device driver, 1.6

[20-08-30-889][0.661160] igbvf: Intel(R) Gigabit Virtual Function Network Driver

[20-08-30-896][0.667568] igbvf: Copyright (c) 2009 - 2012 Intel Corporation.

[20-08-30-896][0.673643] sky2: driver version 1.30

[20-08-30-897][0.677986] VFIO - User Level meta-driver version: 0.3

[20-08-30-909][0.683803] i2c /dev entries driver

[20-08-30-910][0.688221] sdhci: Secure Digital Host Controller Interface driver

[20-08-30-922][0.694548] sdhci: Copyright(c) Pierre Ossman

[20-08-30-923][0.699191] sdhci-pltfm: SDHCI platform and OF driver helper

[20-08-30-934][0.705531] ledtrig-cpu: registered to indicate activity on CPUs

[20-08-30-934][0.711869] SMCCC: SOC_ID: ARCH_SOC_ID not implemented, skipping
.....

[20-08-30-945][0.719252] optee: probing for conduit method.

[20-08-30-945]I/TC: Reserved shared memory is enabled

[20-08-30-945]I/TC: Dynamic shared memory is enabled

[20-08-30-956]I/TC: Normal world virtualization support is disabled

[20-08-30-957]I/TC: Asynchronous notifications are disabled

[20-08-30-968][0.723819] optee: revision 3.20 (8e74d476)

[20-08-30-968][0.740245] optee: dynamic shared memory is enabled

[20-08-30-971][0.749726] optee: initialized driver

[20-08-30-983][0.754850] NET: Registered protocol family 17

[20-08-30-983][0.759494] 9pnet: Installing 9P2000 support

[20-08-30-983][0.763905] Key type dns_resolver registered

[20-08-30-990][0.768383] Loading compiled-in x.509 certificates

[20-08-31-009][0.781199] ti-sci 44083000.system-controller: ABI: 3.1 (firmware rev 0x0008 '8.6.3--v08.06.03 (Chill Capybar)')

[20-08-31-036][0.812981] omap_i2c 42120000.i2c: bus 0 rev0.12 at 100 kHz

[20-08-31-037][0.819195] omap_i2c 40b00000.i2c: bus 1 rev0.12 at 400 kHz

[20-08-31-047][0.825341] omap_i2c 40b10000.i2c: bus 2 rev0.12 at 400 kHz

[20-08-31-060][0.831741] pca953x 3-0021: supply vcc not found, using dummy regulator

[20-08-31-061][0.838585] pca953x 3-0021: using no AI

[20-08-31-091][0.865940] pca953x 3-0021: failed writing register

[20-08-31-091][0.870989] pca953x: probe of 3-0021 failed with error -121

[20-08-31-100][0.876909] pca953x 3-0020: supply vcc not found, using dummy regulator

[20-08-31-101][0.883716] pca953x 3-0020: using no AI

[20-08-31-112][0.887685] pca953x 3-0020: failed writing register

[20-08-31-113][0.892716] pca953x: probe of 3-0020 failed with error -121

[20-08-31-124][0.898597] pca953x 3-0022: supply vcc not found, using dummy regulator

[20-08-31-124][0.905395] pca953x 3-0022: using AI

[20-08-31-135][0.909096] pca953x 3-0022: failed writing register

[20-08-31-138][0.914118] pca953x: probe of 3-0022 failed with error -121

[20-08-31-146][0.919852] omap_i2c 2000000.i2c: bus 3 rev0.12 at 400 kHz

[20-08-31-148][0.925975] omap_i2c 2020000.i2c: bus 4 rev0.12 at 400 kHz

[20-08-31-159][0.932040] omap_i2c 2030000.i2c: bus 5 rev0.12 at 400 kHz

[20-08-31-160][0.938105] omap_i2c 2040000.i2c: bus 6 rev0.12 at 400 kHz

[20-08-31-172][0.944306] pca953x 7-0020: supply vcc not found, using dummy regulator

[20-08-31-173][0.951126] pca953x 7-0020: using no AI

[20-08-31-201][0.977941] pca953x 7-0020: failed writing register

[20-08-31-201][0.982982] pca953x: probe of 7-0020 failed with error -121

[20-08-31-212][0.988736] omap_i2c 2050000.i2c: bus 7 rev0.12 at 400 kHz

[20-08-31-225][0.995160] ti-sci-intr 42200000.interrupt-controller: Interrupt Router 125 domain created

[20-08-31-226][1.003722] ti-sci-intr bus@100000:interrupt-controller@a00000: Interrupt Router 148 domain created

[20-08-31-235][1.013060] ti-sci-intr 310e0000.interrupt-controller: Interrupt Router 227 domain created

[20-08-31-250][1.021713] ti-sci-inta 33d00000.msi-controller: Interrupt Aggregator domain 265 created

```
[20-08-31-262][ 1.031440] j721e-pcie 2910000.pcie: host bridge
/bus@100000/pcie@2910000 ranges:

[20-08-31-262][ 1.039126] j721e-pcie 2910000.pcie: IO
0x0018001000..0x0018010fff -> 0x0018001000

[20-08-31-273][ 1.047403] j721e-pcie 2910000.pcie: MEM
0x0018011000..0x001fffffffff -> 0x0018011000

[20-08-31-288][ 1.055679] j721e-pcie 2910000.pcie: IB MEM
0x0000000000..0xffffffffffff -> 0x0000000000

[20-08-31-289][ 1.064762] ti-udma 311a0000.dma-controller: Number of rings: 48

[20-08-31-298][ 1.071542] ti-udma 311a0000.dma-controller: Channels: 24 (bchan:
0, tchan: 8, rchan: 16)

[20-08-31-309][ 1.080808] k3-ringacc 2b800000.ringacc: Ring Accelerator probed
rings:286, gp-rings[96,20] sci-dev-id:272

[20-08-31-323][ 1.090692] k3-ringacc 2b800000.ringacc: dma-ring-reset-quirk:
disabled

[20-08-31-324][ 1.097452] k3-ringacc 2b800000.ringacc: RA Proxy rev. 66349100,
num_proxies:64

[20-08-31-334][ 1.106382] k3-ringacc 3c000000.ringacc: Ring Accelerator probed
rings:1024, gp-rings[878,128] sci-dev-id:259

[20-08-31-346][ 1.116532] k3-ringacc 3c000000.ringacc: dma-ring-reset-quirk:
disabled

[20-08-31-346][ 1.123291] k3-ringacc 3c000000.ringacc: RA Proxy rev. 66349100,
num_proxies:64

[20-08-31-359][ 1.130971] omap8250 40a00000.serial: failed to get alias

[20-08-31-360][ 1.137093] printk: console [ttyS2] disabled

[20-08-31-373][ 1.141494] 2880000.serial: ttyS2 at MMIO 0x2880000 (irq = 25,
base_baud = 3000000) is a 8250

[20-08-31-374][ 1.150241] printk: console [ttyS2] enabled

[20-08-31-382][ 1.150241] printk: console [ttyS2] enabled

[20-08-31-382][ 1.158677] printk: bootconsole [ns16550a0] disabled

[20-08-31-393][ 1.158677] printk: bootconsole [ns16550a0] disabled

[20-08-31-393][ 1.169614] cadence-qspi 47040000.spi: error -ENODEV: No Rx DMA
available

[20-08-31-407][ 1.176696] spi-nor spi1.0: unrecognized JEDEC id bytes: ff ff ff
ff ff ff

[20-08-31-408][ 1.183567] spi-nor: probe of spi1.0 failed with error -2
```

[20-08-31-416][1.189408] cadence-qspi 47050000.spi: error -ENODEV: No Rx DMA available

[20-08-31-431][1.196445] spi-nor spi2.0: unrecognized JEDEC id bytes: ff ff ff ff ff ff

[20-08-31-431][1.203316] spi-nor: probe of spi2.0 failed with error -2

[20-08-31-436][1.212249] davinci_mdio c200f00.mdio: Configuring MDIO in manual mode

[20-08-31-480][1.257896] davinci_mdio c200f00.mdio: davinci mdio revision 9.7, bus freq 1000000

[20-08-31-494][1.266243] davinci_mdio c200f00.mdio: phy[0]: device c200f00.mdio:00, driver unknown

[20-08-31-503][1.274121] am65-cpsw-nuss c200000.ethernet: initializing am65 cpsw nuss version 0x6BA02102, cpsw version 0x6BA82102 Ports: 2 quirks:00000000

[20-08-31-516][1.286889] am65-cpsw-nuss c200000.ethernet: Use random MAC address

[20-08-31-516][1.293149] am65-cpsw-nuss c200000.ethernet: initialized cpsw ale version 1.4

[20-08-31-525][1.300270] am65-cpsw-nuss c200000.ethernet: ALE Table size 64

[20-08-31-543][1.306485] am65-cpsw-nuss c200000.ethernet: CPTS ver 0x4e8a010b, freq:200000000, add_val:4 pps:0

[20-08-31-543][1.316838] am65-cpts 310d0000.cpts: CPTS ver 0x4e8a010c, freq:200000000, add_val:4 pps:0

[20-08-31-649][1.426570] mmc0: sdhci: Version: 0x00001004 | Present: 0x01ff00f0

[20-08-31-660][1.433017] mmc0: sdhci: Caps: 0x7cecc801 | Caps_1: 0x98002407

[20-08-31-660][1.439482] mmc0: sdhci: Auto-CMD23 available

[20-08-31-660][1.443840] mmc0: CQHCI version 5.10

[20-08-31-673][1.447786] mmc0: clock 0Hz busmode 2 powermode 1 cs 0 vdd 7 width 1 timing 0

[20-08-31-685][1.457066] omap-mailbox 31f80000.mailbox: omap mailbox rev 0x66fca100

[20-08-31-685][1.463949] omap-mailbox 31f81000.mailbox: omap mailbox rev 0x66fca100

[20-08-31-696][1.470758] omap-mailbox 31f82000.mailbox: omap mailbox rev 0x66fca100

[20-08-31-697][1.477566] omap-mailbox 31f84000.mailbox: omap mailbox rev 0x66fca100


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[20-08-31-707][ 1.481903] mmc0: clock 400000Hz busmode 2 powermode 2 cs 0 vdd 7
width 1 timing 0

[20-08-31-719][ 1.491714] j721e-pcie 2910000.pcie: host bridge
/bus@100000/pcie@2910000 ranges:

[20-08-31-719][ 1.499198] j721e-pcie 2910000.pcie:   IO
0x0018001000..0x0018010fff -> 0x0018001000

[20-08-31-728][ 1.504188] mmc0: mmc_rescan_try_freq: trying to init card at
400000 Hz

[20-08-31-742][ 1.507277] j721e-pcie 2910000.pcie:   MEM
0x0018011000..0x001fffffff -> 0x0018011000

[20-08-31-743][ 1.513869] mmc0: SDHCI controller on 4f80000.mmc [4f80000.mmc]
using ADMA 64-bit

[20-08-31-752][ 1.521945] j721e-pcie 2910000.pcie:   IB MEM
0x000000000000..0xffffffffffff -> 0x000000000000

[20-08-31-764][ 1.529402] mmc0: starting CMD52 arg 00000c00 flags 00000195

[20-08-31-764][ 1.543613] mmc0: sdhci: IRQ status 0x00018000

[20-08-31-775][ 1.543813] ti-udma 285c0000.dma-controller: Channels: 26 (tchan:
13, rchan: 13, gp-rflow: 8)

[20-08-31-775][ 1.548109] mmc0: req done (CMD52): -110: 00000000 00000000
00000000 00000000

[20-08-31-786][ 1.563709] mmc0: starting CMD52 arg 80000c08 flags 00000195

[20-08-31-787][ 1.569668] mmc0: sdhci: IRQ status 0x00018000

[20-08-31-797][ 1.570180] ti-udma 31150000.dma-controller: Channels: 60 (tchan:
30, rchan: 30, gp-rflow: 16)

[20-08-31-808][ 1.574161] mmc0: req done (CMD52): -110: 00000000 00000000
00000000 00000000

[20-08-31-809][ 1.589856] mmc0: clock 400000Hz busmode 2 powermode 2 cs 1 vdd 7
width 1 timing 0

[20-08-31-820][ 1.590251] davinci_mdio c200f00.mdio: Configuring MDIO in manual
mode

[20-08-31-831][ 1.598717] mmc0: starting CMD0 arg 00000000 flags 000000c0

[20-08-31-831][ 1.609630] mmc0: sdhci: IRQ status 0x00000001

[20-08-31-844][ 1.614063] mmc0: req done (CMD0): 0: 00000000 00000000 00000000
00000000

[20-08-31-845][ 1.622092] mmc0: clock 400000Hz busmode 2 powermode 2 cs 0 vdd 7
width 1 timing 0
```

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[20-08-31-856][ 1.630939] mmc0: starting CMD8 arg 000000aa flags 000002f5

[20-08-31-857][ 1.636801] mmc0: sdhci: IRQ status 0x00018000

[20-08-31-867][ 1.641285] mmc0: req done (CMD8): -110: 00000000 00000000 00000000
00000000

[20-08-31-868][ 1.641899] davinci_mdio c200f00.mdio: davinci mdio revision 9.7,
bus freq 1000000

[20-08-31-877][ 1.648326] mmc0: starting CMD5 arg 00000000 flags 000002e1

[20-08-31-893][ 1.656674] davinci_mdio c200f00.mdio: phy[0]: device
c200f00.mdio:00, driver unknown

[20-08-31-893][ 1.661732] mmc0: sdhci: IRQ status 0x00018000

[20-08-31-902][ 1.669316] am65-cpsw-nuss c200000.ethernet: initializing am65 cpsw
nuss version 0x6BA02102, cpsw version 0x6BA82102 Ports: 2 quirks:00000000

[20-08-31-911][ 1.673752] mmc0: req failed (CMD5): -110, retrying...

[20-08-31-912][ 1.686459] am65-cpsw-nuss c200000.ethernet: Use random MAC
address

[20-08-31-923][ 1.691784] mmc0: sdhci: IRQ status 0x00018000

[20-08-31-924][ 1.697732] am65-cpsw-nuss c200000.ethernet: initialized cpsw ale
version 1.4

[20-08-31-934][ 1.702213] mmc0: req failed (CMD5): -110, retrying...

[20-08-31-934][ 1.709269] am65-cpsw-nuss c200000.ethernet: ALE Table size 64

[20-08-31-945][ 1.714691] mmc0: sdhci: IRQ status 0x00018000

[20-08-31-945][ 1.724706] mmc0: req failed (CMD5): -110, retrying...

[20-08-31-957][ 1.724973] am65-cpsw-nuss c200000.ethernet: CPTS ver 0x4e8a010b,
freq:200000000, add_val:4 pps:0

[20-08-31-957][ 1.730144] mmc0: sdhci: IRQ status 0x00018000

[20-08-31-969][ 1.743171] mmc0: req done (CMD5): -110: 00000000 00000000 00000000
00000000

[20-08-31-969][ 1.750228] mmc0: starting CMD55 arg 00000000 flags 000000f5

[20-08-31-979][ 1.756189] mmc0: sdhci: IRQ status 0x00018000

[20-08-31-979][ 1.760684] mmc0: req done (CMD55): -110: 00000000 00000000
00000000 00000000

[20-08-31-989][ 1.767817] mmc0: starting CMD55 arg 00000000 flags 000000f5

[20-08-32-001][ 1.773530] am65-cpsw-nuss c200000.ethernet: set new flow-id-base
82
```

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[20-08-32-001][ 1.773771] mmc0: sdhci: IRQ status 0x00018000

[20-08-32-012][ 1.784357] mmc0: req done (CMD55): -110: 00000000 00000000
00000000 00000000

[20-08-32-012][ 1.791490] mmc0: starting CMD55 arg 00000000 flags 000000f5

[20-08-32-024][ 1.797446] mmc0: sdhci: IRQ status 0x00018000

[20-08-32-024][ 1.801936] mmc0: req done (CMD55): -110: 00000000 00000000
00000000 00000000

[20-08-32-035][ 1.809091] mmc0: starting CMD55 arg 00000000 flags 000000f5

[20-08-32-036][ 1.809181] j721e-pcie 2910000.pcie: host bridge
/bus@100000/pcie@2910000 ranges:

[20-08-32-046][ 1.815045] mmc0: sdhci: IRQ status 0x00018000

[20-08-32-047][ 1.822228] j721e-pcie 2910000.pcie:    IO
0x0018001000..0x0018010fff -> 0x0018001000

[20-08-32-056][ 1.826698] mmc0: req done (CMD55): -110: 00000000 00000000
00000000 00000000

[20-08-32-068][ 1.834714] j721e-pcie 2910000.pcie:    MEM
0x0018011000..0x001fffffffff -> 0x0018011000

[20-08-32-069][ 1.841838] mmc0: c'clock 400000Hz busmode 1 powermode 2 cs 0 vdd 7
width 1 timing 0

[20-08-32-078][ 1.849944] j721e-pcie 2910000.pcie:    IB MEM
0x000000000000..0xffffffffffff -> 0x000000000000

[20-08-32-093][ 1.857483] mmc0: starting CMD1 arg 00000000 flags 000000e1

[20-08-32-093][ 1.871414] j721e-pcie 2910000.pcie: host bridge
/bus@100000/pcie@2910000 ranges:

[20-08-32-102][ 1.871538] mmc0: sdhci: IRQ status 0x00000001

[20-08-32-113][ 1.878897] j721e-pcie 2910000.pcie:    IO
0x0018001000..0x0018010fff -> 0x0018001000

[20-08-32-114][ 1.883308] mmc0: req done (CMD1): 0: 40ff8080 00000000 00000000
00000000

[20-08-32-124][ 1.891382] j721e-pcie 2910000.pcie:    MEM
0x0018011000..0x001fffffffff -> 0x0018011000

[20-08-32-136][ 1.906218] j721e-pcie 2910000.pcie:    IB MEM
0x000000000000..0xffffffffffff -> 0x000000000000

[20-08-32-136][ 1.910648] mmc0: starting CMD1 arg 40ff8080 flags 000000e1

[20-08-32-146][ 1.914737] debugfs: Directory 'pd:39' with parent 'pm_genpd'
already present!
```

```
[20-08-32-147][ 1.920307] mmc0: sdhci: IRQ status 0x00000001

[20-08-32-157][ 1.927324] debugfs: Directory 'pd:38' with parent 'pm_genpd'
already present!

[20-08-32-157][ 1.931657] mmc0: req done (CMD1): 0: 40ff8080 00000000 00000000
00000000

[20-08-32-170][ 1.944181] mmc0: starting CMD1 arg 40ff8080 flags 000000e1

[20-08-32-181][ 1.946170] debugfs: Directory 'pd:276' with parent 'pm_genpd'
already present!

[20-08-32-182][ 1.951477] mmc0: sdhci: IRQ status 0x00000001

[20-08-32-191][ 1.959041] debugfs: Directory 'pd:154' with parent 'pm_genpd'
already present!

[20-08-32-192][ 1.962912] mmc0: req done (CMD1): 0: c0ff8080 00000000 00000000
00000000

[20-08-32-202][ 1.962928] mmc0: clock 400000Hz busmode 1 powermode 2 cs 0 vdd 7
width 1 timing 0

[20-08-32-215][ 1.984611] mmc0: clock 400000Hz busmode 1 powermode 2 cs 1 vdd 7
width 1 timing 0

[20-08-32-216][ 1.993465] mmc0: starting CMD0 arg 00000000 flags 000000c0

[20-08-32-216][ 1.999178] mmc0: sdhci: IRQ status 0x00000001

[20-08-32-227][ 2.003610] mmc0: req done (CMD0): 0: 00000000 00000000 00000000
00000000

[20-08-32-242][ 2.011645] mmc0: clock 400000Hz busmode 1 powermode 2 cs 0 vdd 7
width 1 timing 0

[20-08-32-242][ 2.020119] ALSA device list:

[20-08-32-251][ 2.020497] mmc0: starting CMD1 arg 40000080 flags 000000e1

[20-08-32-251][ 2.023083] No soundcards found.

[20-08-32-252][ 2.028917] mmc0: sdhci: IRQ status 0x00000001

[20-08-32-263][ 2.036453] mmc0: req done (CMD1): 0: 40ff8080 00000000 00000000
00000000

[20-08-32-274][ 2.043508] waiting for root device PARTUUID=e4752abe-d708-47ae-
b199-9f918c1ef232...

[20-08-32-274][ 2.048971] mmc0: starting CMD1 arg 40000080 flags 000000e1

[20-08-32-274][ 2.057078] mmc0: sdhci: IRQ status 0x00000001

[20-08-32-285][ 2.061510] mmc0: req done (CMD1): 0: c0ff8080 00000000 00000000
00000000
```

```
[20-08-32-296][ 2.068297] mmc0: starting CMD2 arg 00000000 flags 00000007

[20-08-32-297][ 2.074357] mmc0: sdhci: IRQ status 0x00000001

[20-08-32-308][ 2.078790] mmc0: req done (CMD2): 0: 15010042 47554634 5239051a
52462900

[20-08-32-308][ 2.085580] mmc0: starting CMD3 arg 00010000 flags 00000015

[20-08-32-309][ 2.091429] mmc0: sdhci: IRQ status 0x00000001

[20-08-32-319][ 2.095860] mmc0: req done (CMD3): 0: 00000500 00000000 00000000
00000000

[20-08-32-331][ 2.102652] mmc0: clock 400000Hz busmode 2 powermode 2 cs 0 vdd 7
width 1 timing 0

[20-08-32-332][ 2.110257] mmc0: starting CMD9 arg 00010000 flags 00000007

[20-08-32-343][ 2.116330] mmc0: sdhci: IRQ status 0x00000001

[20-08-32-343][ 2.120764] mmc0: req done (CMD9): 0: d0270132 0f5903ff f6dbffef
8e404000

[20-08-32-354][ 2.127543] mmc0: starting CMD7 arg 00010000 flags 00000015

[20-08-32-356][ 2.133391] mmc0: sdhci: IRQ status 0x00000001

[20-08-32-365][ 2.137822] mmc0: req done (CMD7): 0: 00000700 00000000 00000000
00000000

[20-08-32-366][ 2.144597] mmc0: starting CMD8 arg 00000000 flags 000000b5

[20-08-32-378][ 2.150158] mmc0:   blkksz 512 blocks 1 flags 00000200 tsac 150 ms
nsac 1000

[20-08-32-379][ 2.157576] mmc0: sdhci: IRQ status 0x00000001

[20-08-32-390][ 2.168623] mmc0: sdhci: IRQ status 0x00000002

[20-08-32-402][ 2.173068] mmc0: req done (CMD8): 0: 00000900 00000000 00000000
00000000

[20-08-32-402][ 2.179844] mmc0:   512 bytes transferred: 0

[20-08-32-403][ 2.184286] mmc0: Command Queue supported depth 16

[20-08-32-413][ 2.189066] mmc0: starting CMD6 arg 03af0101 flags 0000049d

[20-08-32-414][ 2.194913] mmc0: sdhci: IRQ status 0x00000001

[20-08-32-425][ 2.199342] mmc0: sdhci: IRQ status 0x00000002

[20-08-32-425][ 2.203772] mmc0: req done (CMD6): 0: 00000900 00000000 00000000
00000000

[20-08-32-436][ 2.210547] mmc0: starting CMD13 arg 00010000 flags 00000195
```

```
[20-08-32-437][ 2.216483] mmc0: sdhci: IRQ status 0x00000001

[20-08-32-447][ 2.220914] mmc0: req done (CMD13): 0: 00000900 00000000 00000000
00000000

[20-08-32-447][ 2.227775] mmc0: starting CMD6 arg 03220101 flags 0000049d

[20-08-32-459][ 2.233623] mmc0: sdhci: IRQ status 0x00000001

[20-08-32-459][ 2.238052] mmc0: sdhci: IRQ status 0x00000002

[20-08-32-470][ 2.242482] mmc0: req done (CMD6): 0: 00000900 00000000 00000000
00000000

[20-08-32-471][ 2.249256] mmc0: starting CMD13 arg 00010000 flags 00000195

[20-08-32-484][ 2.255191] mmc0: sdhci: IRQ status 0x00000001

[20-08-32-484][ 2.259622] mmc0: req done (CMD13): 0: 00000900 00000000 00000000
00000000

[20-08-32-493][ 2.266485] mmc0: starting CMD6 arg 03b70201 flags 0000049d

[20-08-32-493][ 2.272221] mmc0: sdhci: IRQ status 0x00000002

[20-08-32-494][ 2.276649] mmc0: sdhci: IRQ status 0x00018000

[20-08-32-505][ 2.281132] mmc0: req failed (CMD6): -110, retrying...

[20-08-32-505][ 2.286436] mmc0: sdhci: IRQ status 0x00000002

[20-08-32-515][ 2.290864] mmc0: sdhci: IRQ status 0x00018000

[20-08-32-515][ 2.295346] mmc0: req failed (CMD6): -110, retrying...

[20-08-32-526][ 2.300649] mmc0: sdhci: IRQ status 0x00000002

[20-08-32-527][ 2.305077] mmc0: sdhci: IRQ status 0x00018000

[20-08-32-528][ 2.309558] mmc0: req failed (CMD6): -110, retrying...

[20-08-32-539][ 2.314861] mmc0: sdhci: IRQ status 0x00000002

[20-08-32-539][ 2.319289] mmc0: sdhci: IRQ status 0x00018000

[20-08-32-549][ 2.323769] mmc0: req done (CMD6): -110: 00000000 00000000 00000000
00000000

[20-08-32-549][ 2.330806] mmc0: starting CMD6 arg 03b70101 flags 0000049d

[20-08-32-559][ 2.336541] mmc0: sdhci: IRQ status 0x00000002

[20-08-32-560][ 2.340969] mmc0: sdhci: IRQ status 0x00018000

[20-08-32-573][ 2.345451] mmc0: req failed (CMD6): -110, retrying...

[20-08-32-573][ 2.350753] mmc0: sdhci: IRQ status 0x00000002
```

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[20-08-32-575][ 2.355182] mmc0: sdhci: IRQ status 0x00018000

[20-08-32-583][ 2.359664] mmc0: req failed (CMD6): -110, retrying...

[20-08-32-584][ 2.364971] mmc0: sdhci: IRQ status 0x00000002

[20-08-32-593][ 2.369399] mmc0: sdhci: IRQ status 0x00018000

[20-08-32-593][ 2.373881] mmc0: req failed (CMD6): -110, retrying...

[20-08-32-606][ 2.379184] mmc0: sdhci: IRQ status 0x00000002

[20-08-32-607][ 2.383612] mmc0: sdhci: IRQ status 0x00018000

[20-08-32-612][ 2.388094] mmc0: req done (CMD6): -110: 00000000 00000000 00000000
00000000

[20-08-32-624][ 2.400638] mmc0: mmc_select_hs200 failed, error -110

[20-08-32-625][ 2.405683] mmc0: error -110 whilst initialising MMC card

[20-08-32-636][ 2.411071] mmc0: clock 0Hz busmode 2 powermode 0 cs 0 vdd 0 width
1 timing 0

[20-08-32-650][ 2.419494] mmc0: mmc_rescan_try_freq: trying to init card at
300000 Hz

[20-08-32-650][ 2.426094] mmc0: clock 0Hz busmode 2 powermode 1 cs 0 vdd 7 width
1 timing 0

[20-08-32-686][ 2.461251] mmc0: clock 300000Hz busmode 2 powermode 2 cs 0 vdd 7
width 1 timing 0

[20-08-32-703][ 2.481343] mmc0: starting CMD52 arg 00000c00 flags 00000195

[20-08-32-705][ 2.487393] mmc0: sdhci: IRQ status 0x00018000

[20-08-32-714][ 2.491874] mmc0: req done (CMD52): -110: 00000000 00000000
00000000 00000000

[20-08-32-726][ 2.499000] mmc0: starting CMD52 arg 80000c08 flags 00000195

[20-08-32-728][ 2.505045] mmc0: sdhci: IRQ status 0x00018000

[20-08-32-739][ 2.509525] mmc0: req done (CMD52): -110: 00000000 00000000
00000000 00000000

[20-08-32-740][ 2.516649] mmc0: clock 300000Hz busmode 2 powermode 2 cs 1 vdd 7
width 1 timing 0

[20-08-32-750][ 2.525493] mmc0: starting CMD0 arg 00000000 flags 000000c0

[20-08-32-751][ 2.531238] mmc0: sdhci: IRQ status 0x00000001

[20-08-32-766][ 2.535669] mmc0: req done (CMD0): 0: 00000000 00000000 00000000
00000000
```

```
[20-08-32-766][ 2.543694] mmc0: clock 300000Hz busmode 2 powermode 2 cs 0 vdd 7
width 1 timing 0

[20-08-32-778][ 2.552540] mmc0: starting CMD8 arg 000000aa flags 000002f5

[20-08-32-779][ 2.558499] mmc0: sdhci: IRQ status 0x00018000

[20-08-32-791][ 2.562980] mmc0: req done (CMD8): -110: 00000000 00000000 00000000
00000000

[20-08-32-793][ 2.570016] mmc0: starting CMD5 arg 00000000 flags 000002e1

[20-08-32-801][ 2.575974] mmc0: sdhci: IRQ status 0x00018000

[20-08-32-801][ 2.580456] mmc0: req failed (CMD5): -110, retrying...

[20-08-32-812][ 2.585981] mmc0: sdhci: IRQ status 0x00018000

[20-08-32-812][ 2.590462] mmc0: req failed (CMD5): -110, retrying...

[20-08-32-827][ 2.595987] mmc0: sdhci: IRQ status 0x00018000

[20-08-32-827][ 2.600469] mmc0: req failed (CMD5): -110, retrying...

[20-08-32-828][ 2.605997] mmc0: sdhci: IRQ status 0x00018000

[20-08-32-836][ 2.610477] mmc0: req done (CMD5): -110: 00000000 00000000 00000000
00000000

[20-08-32-847][ 2.617517] mmc0: starting CMD55 arg 00000000 flags 000000f5

[20-08-32-847][ 2.623562] mmc0: sdhci: IRQ status 0x00018000

[20-08-32-859][ 2.628043] mmc0: req done (CMD55): -110: 00000000 00000000
00000000 00000000

[20-08-32-860][ 2.635166] mmc0: starting CMD55 arg 00000000 flags 000000f5

[20-08-32-873][ 2.641211] mmc0: sdhci: IRQ status 0x00018000

[20-08-32-874][ 2.645691] mmc0: req done (CMD55): -110: 00000000 00000000
00000000 00000000

[20-08-32-883][ 2.652815] mmc0: starting CMD55 arg 00000000 flags 000000f5

[20-08-32-884][ 2.658863] mmc0: sdhci: IRQ status 0x00018000

[20-08-32-893][ 2.663343] mmc0: req done (CMD55): -110: 00000000 00000000
00000000 00000000

[20-08-32-893][ 2.670466] mmc0: starting CMD55 arg 00000000 flags 000000f5

[20-08-32-904][ 2.676515] mmc0: sdhci: IRQ status 0x00018000

[20-08-32-905][ 2.680995] mmc0: req done (CMD55): -110: 00000000 00000000
00000000 00000000
```


[20-08-32-916][2.688118] mmc0: clock 300000Hz busmode 1 powermode 2 cs 0 vdd 7 width 1 timing 0

[20-08-32-916][2.695708] mmc0: starting CMD1 arg 00000000 flags 000000e1

[20-08-32-933][2.701643] mmc0: sdhci: IRQ status 0x00000001

[20-08-32-933][2.706074] mmc0: req done (CMD1): 0: 40ff8080 00000000 00000000 00000000

[20-08-32-948][2.725351] mmc0: starting CMD1 arg 40ff8080 flags 000000e1

[20-08-32-948][2.731285] mmc0: sdhci: IRQ status 0x00000001

[20-08-32-960][2.735716] mmc0: req done (CMD1): 0: 40ff8080 00000000 00000000 00000000

[20-08-32-979][2.754993] mmc0: starting CMD1 arg 40ff8080 flags 000000e1

[20-08-32-980][2.760928] mmc0: sdhci: IRQ status 0x00000001

[20-08-32-991][2.765358] mmc0: req done (CMD1): 0: c0ff8080 00000000 00000000 00000000

[20-08-33-003][2.772133] mmc0: clock 300000Hz busmode 1 powermode 2 cs 0 vdd 7 width 1 timing 0

[20-08-33-003][2.779723] mmc0: clock 300000Hz busmode 1 powermode 2 cs 1 vdd 7 width 1 timing 0

[20-08-33-014][2.788567] mmc0: starting CMD0 arg 00000000 flags 000000c0

[20-08-33-017][2.794312] mmc0: sdhci: IRQ status 0x00000001

[20-08-33-026][2.798742] mmc0: req done (CMD0): 0: 00000000 00000000 00000000 00000000

[20-08-33-040][2.806770] mmc0: clock 300000Hz busmode 1 powermode 2 cs 0 vdd 7 width 1 timing 0

[20-08-33-041][2.815614] mmc0: starting CMD1 arg 40000080 flags 000000e1

[20-08-33-041][2.821547] mmc0: sdhci: IRQ status 0x00000001

[20-08-33-050][2.825978] mmc0: req done (CMD1): 0: 40ff8080 00000000 00000000 00000000

[20-08-33-068][2.845255] mmc0: starting CMD1 arg 40000080 flags 000000e1

[20-08-33-068][2.851190] mmc0: sdhci: IRQ status 0x00000001

[20-08-33-079][2.855621] mmc0: req done (CMD1): 0: c0ff8080 00000000 00000000 00000000

[20-08-33-091][2.862393] mmc0: starting CMD2 arg 00000000 flags 00000007

[20-08-33-092][2.868621] mmc0: sdhci: IRQ status 0x00000001

[20-08-33-102][2.873054] mmc0: req done (CMD2): 0: 15010042 47554634 5239051a 52462900

[20-08-33-102][2.879850] mmc0: starting CMD3 arg 00010000 flags 00000015

[20-08-33-103][2.885800] mmc0: sdhci: IRQ status 0x00000001

[20-08-33-113][2.890231] mmc0: req done (CMD3): 0: 00000500 00000000 00000000 00000000

[20-08-33-125][2.897004] mmc0: clock 300000Hz busmode 2 powermode 2 cs 0 vdd 7 width 1 timing 0

[20-08-33-126][2.904597] mmc0: starting CMD9 arg 00010000 flags 00000007

[20-08-33-137][2.910832] mmc0: sdhci: IRQ status 0x00000001

[20-08-33-137][2.915265] mmc0: req done (CMD9): 0: d0270132 0f5903ff f6dbffef 8e404000

[20-08-33-147][2.922038] mmc0: starting CMD7 arg 00010000 flags 00000015

[20-08-33-149][2.927983] mmc0: sdhci: IRQ status 0x00000001

[20-08-33-159][2.932414] mmc0: req done (CMD7): 0: 00000700 00000000 00000000 00000000

[20-08-33-160][2.939187] mmc0: starting CMD8 arg 00000000 flags 000000b5

[20-08-33-175][2.944750] mmc0: blkksz 512 blocks 1 flags 00000200 tsac 150 ms nsac 1000

[20-08-33-176][2.952258] mmc0: sdhci: IRQ status 0x00000001

[20-08-33-190][2.966733] mmc0: sdhci: IRQ status 0x00000002

[20-08-33-203][2.971171] mmc0: req done (CMD8): 0: 00000900 00000000 00000000 00000000

[20-08-33-203][2.977945] mmc0: 512 bytes transferred: 0

[20-08-33-204][2.982382] mmc0: Command Queue supported depth 16

[20-08-33-212][2.987161] mmc0: starting CMD6 arg 03af0101 flags 0000049d

[20-08-33-213][2.993103] mmc0: sdhci: IRQ status 0x00000001

[20-08-33-224][2.997532] mmc0: sdhci: IRQ status 0x00000002

[20-08-33-224][3.001961] mmc0: req done (CMD6): 0: 00000900 00000000 00000000 00000000

[20-08-33-234][3.008734] mmc0: starting CMD13 arg 00010000 flags 00000195

[20-08-33-235][3.014766] mmc0: sdhci: IRQ status 0x00000001

[20-08-33-245][3.019196] mmc0: req done (CMD13): 0: 00000900 00000000 00000000 00000000

[20-08-33-246][3.026056] mmc0: starting CMD6 arg 03220101 flags 0000049d

[20-08-33-257][3.032000] mmc0: sdhci: IRQ status 0x00000001

[20-08-33-257][3.036429] mmc0: sdhci: IRQ status 0x00000002

[20-08-33-268][3.040859] mmc0: req done (CMD6): 0: 00000900 00000000 00000000
00000000

[20-08-33-268][3.047631] mmc0: starting CMD13 arg 00010000 flags 00000195

[20-08-33-279][3.053663] mmc0: sdhci: IRQ status 0x00000001

[20-08-33-279][3.058094] mmc0: req done (CMD13): 0: 00000900 00000000 00000000
00000000

[20-08-33-290][3.064955] mmc0: starting CMD6 arg 03b70201 flags 0000049d

[20-08-33-290][3.070751] mmc0: sdhci: IRQ status 0x00000002

[20-08-33-291][3.075179] mmc0: sdhci: IRQ status 0x00018000

[20-08-33-302][3.079660] mmc0: req failed (CMD6): -110, retrying...

[20-08-33-304][3.085019] mmc0: sdhci: IRQ status 0x00000002

[20-08-33-313][3.089448] mmc0: sdhci: IRQ status 0x00018000

[20-08-33-314][3.093934] mmc0: req failed (CMD6): -110, retrying...

[20-08-33-326][3.099291] mmc0: sdhci: IRQ status 0x00000002

[20-08-33-326][3.103719] mmc0: sdhci: IRQ status 0x00018000

[20-08-33-326][3.108200] mmc0: req failed (CMD6): -110, retrying...

[20-08-33-336][3.113559] mmc0: sdhci: IRQ status 0x00000002

[20-08-33-337][3.117988] mmc0: sdhci: IRQ status 0x00018000

[20-08-33-348][3.122468] mmc0: req done (CMD6): -110: 00000000 00000000 00000000
00000000

[20-08-33-348][3.129503] mmc0: starting CMD6 arg 03b70101 flags 0000049d

[20-08-33-359][3.135296] mmc0: sdhci: IRQ status 0x00000002

[20-08-33-359][3.139725] mmc0: sdhci: IRQ status 0x00018000

[20-08-33-370][3.144206] mmc0: req failed (CMD6): -110, retrying...

[20-08-33-370][3.149565] mmc0: sdhci: IRQ status 0x00000002

[20-08-33-371][3.153993] mmc0: sdhci: IRQ status 0x00018000

[20-08-33-384][3.158474] mmc0: req failed (CMD6): -110, retrying...

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[20-08-33-384][ 3.163833] mmc0: sdhci: IRQ status 0x00000002

[20-08-33-393][ 3.168262] mmc0: sdhci: IRQ status 0x00018000

[20-08-33-393][ 3.172743] mmc0: req failed (CMD6): -110, retrying...

[20-08-33-407][ 3.178102] mmc0: sdhci: IRQ status 0x00000002

[20-08-33-407][ 3.182531] mmc0: sdhci: IRQ status 0x00018000

[20-08-33-412][ 3.187011] mmc0: req done (CMD6): -110: 00000000 00000000 00000000
00000000

[20-08-33-421][ 3.199552] mmc0: mmc_select_hs200 failed, error -110

[20-08-33-424][ 3.204594] mmc0: error -110 whilst initialising MMC card

[20-08-33-435][ 3.209980] mmc0: clock 0Hz busmode 2 powermode 0 cs 0 vdd 0 width
1 timing 0

[20-08-33-448][ 3.218415] mmc0: mmc_rescan_try_freq: trying to init card at
200000 Hz

[20-08-33-450][ 3.225015] mmc0: clock 0Hz busmode 2 powermode 1 cs 0 vdd 7 width
1 timing 0

[20-08-33-485][ 3.260171] mmc0: clock 200000Hz busmode 2 powermode 2 cs 0 vdd 7
width 1 timing 0

[20-08-33-503][ 3.280266] mmc0: starting CMD52 arg 00000c00 flags 00000195

[20-08-33-503][ 3.286513] mmc0: sdhci: IRQ status 0x00018000

[20-08-33-512][ 3.290994] mmc0: req done (CMD52): -110: 00000000 00000000
00000000 00000000

[20-08-33-526][ 3.298118] mmc0: starting CMD52 arg 80000c08 flags 00000195

[20-08-33-526][ 3.304363] mmc0: sdhci: IRQ status 0x00018000

[20-08-33-540][ 3.308843] mmc0: req done (CMD52): -110: 00000000 00000000
00000000 00000000

[20-08-33-540][ 3.315967] mmc0: clock 200000Hz busmode 2 powermode 2 cs 1 vdd 7
width 1 timing 0

[20-08-33-551][ 3.324811] mmc0: starting CMD0 arg 00000000 flags 000000c0

[20-08-33-551][ 3.330645] mmc0: sdhci: IRQ status 0x00000001

[20-08-33-566][ 3.335075] mmc0: req done (CMD0): 0: 00000000 00000000 00000000
00000000

[20-08-33-566][ 3.343103] mmc0: clock 200000Hz busmode 2 powermode 2 cs 0 vdd 7
width 1 timing 0

[20-08-33-577][ 3.351948] mmc0: starting CMD8 arg 000000aa flags 000002f5
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[20-08-33-578][ 3.358106] mmc0: sdhci: IRQ status 0x00018000

[20-08-33-591][ 3.362587] mmc0: req done (CMD8): -110: 00000000 00000000 00000000
00000000

[20-08-33-591][ 3.369622] mmc0: starting CMD5 arg 00000000 flags 000002e1

[20-08-33-601][ 3.375781] mmc0: sdhci: IRQ status 0x00018000

[20-08-33-603][ 3.380263] mmc0: req failed (CMD5): -110, retrying...

[20-08-33-612][ 3.385987] mmc0: sdhci: IRQ status 0x00018000

[20-08-33-613][ 3.390469] mmc0: req failed (CMD5): -110, retrying...

[20-08-33-626][ 3.396191] mmc0: sdhci: IRQ status 0x00018000

[20-08-33-626][ 3.400673] mmc0: req failed (CMD5): -110, retrying...

[20-08-33-627][ 3.406396] mmc0: sdhci: IRQ status 0x00018000

[20-08-33-636][ 3.410876] mmc0: req done (CMD5): -110: 00000000 00000000 00000000
00000000

[20-08-33-648][ 3.417914] mmc0: starting CMD55 arg 00000000 flags 000000f5

[20-08-33-648][ 3.424156] mmc0: sdhci: IRQ status 0x00018000

[20-08-33-659][ 3.428636] mmc0: req done (CMD55): -110: 00000000 00000000
00000000 00000000

[20-08-33-660][ 3.435760] mmc0: starting CMD55 arg 00000000 flags 000000f5

[20-08-33-675][ 3.442002] mmc0: sdhci: IRQ status 0x00018000

[20-08-33-675][ 3.446482] mmc0: req done (CMD55): -110: 00000000 00000000
00000000 00000000

[20-08-33-682][ 3.453604] mmc0: starting CMD55 arg 00000000 flags 000000f5

[20-08-33-683][ 3.459846] mmc0: sdhci: IRQ status 0x00018000

[20-08-33-694][ 3.464326] mmc0: req done (CMD55): -110: 00000000 00000000
00000000 00000000

[20-08-33-696][ 3.471449] mmc0: starting CMD55 arg 00000000 flags 000000f5

[20-08-33-706][ 3.477691] mmc0: sdhci: IRQ status 0x00018000

[20-08-33-707][ 3.482172] mmc0: req done (CMD55): -110: 00000000 00000000
00000000 00000000

[20-08-33-717][ 3.489298] mmc0: clock 200000Hz busmode 1 powermode 2 cs 0 vdd 7
width 1 timing 0

[20-08-33-717][ 3.496889] mmc0: starting CMD1 arg 00000000 flags 000000e1

[20-08-33-733][ 3.503006] mmc0: sdhci: IRQ status 0x00000001
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[20-08-33-734][3.507437] mmc0: req done (CMD1): 0: 40ff8080 00000000 00000000
00000000

[20-08-33-749][3.526716] mmc0: starting CMD1 arg 40ff8080 flags 000000e1

[20-08-33-750][3.532831] mmc0: sdhci: IRQ status 0x00000001

[20-08-33-761][3.537262] mmc0: req done (CMD1): 0: 40ff8080 00000000 00000000
00000000

[20-08-33-779][3.556539] mmc0: starting CMD1 arg 40ff8080 flags 000000e1

[20-08-33-779][3.562656] mmc0: sdhci: IRQ status 0x00000001

[20-08-33-792][3.567087] mmc0: req done (CMD1): 0: c0ff8080 00000000 00000000
00000000

[20-08-33-807][3.573862] mmc0: clock 200000Hz busmode 1 powermode 2 cs 0 vdd 7
width 1 timing 0

[20-08-33-807][3.581453] mmc0: clock 200000Hz busmode 1 powermode 2 cs 1 vdd 7
width 1 timing 0

[20-08-33-816][3.590298] mmc0: starting CMD0 arg 00000000 flags 000000c0

[20-08-33-817][3.596130] mmc0: sdhci: IRQ status 0x00000001

[20-08-33-828][3.600560] mmc0: req done (CMD0): 0: 00000000 00000000 00000000
00000000

[20-08-33-842][3.608586] mmc0: clock 200000Hz busmode 1 powermode 2 cs 0 vdd 7
width 1 timing 0

[20-08-33-842][3.617431] mmc0: starting CMD1 arg 40000080 flags 000000e1

[20-08-33-844][3.623549] mmc0: sdhci: IRQ status 0x00000001

[20-08-33-851][3.627980] mmc0: req done (CMD1): 0: 40ff8080 00000000 00000000
00000000

[20-08-33-871][3.647256] mmc0: starting CMD1 arg 40000080 flags 000000e1

[20-08-33-872][3.653374] mmc0: sdhci: IRQ status 0x00000001

[20-08-33-881][3.657805] mmc0: req done (CMD1): 0: c0ff8080 00000000 00000000
00000000

[20-08-33-893][3.664575] mmc0: starting CMD2 arg 00000000 flags 00000007

[20-08-33-893][3.671134] mmc0: sdhci: IRQ status 0x00000001

[20-08-33-905][3.675566] mmc0: req done (CMD2): 0: 15010042 47554634 5239051a
52462900

[20-08-33-905][3.682340] mmc0: starting CMD3 arg 00010000 flags 00000015

[20-08-33-908][3.688474] mmc0: sdhci: IRQ status 0x00000001

[20-08-33-916][3.692904] mmc0: req done (CMD3): 0: 00000500 00000000 00000000
00000000

[20-08-33-930][3.699676] mmc0: clock 200000Hz busmode 2 powermode 2 cs 0 vdd 7
width 1 timing 0

[20-08-33-931][3.707268] mmc0: starting CMD9 arg 00010000 flags 00000007

[20-08-33-942][3.713836] mmc0: sdhci: IRQ status 0x00000001

[20-08-33-942][3.718269] mmc0: req done (CMD9): 0: d0270132 0f5903ff f6dbffef
8e404000

[20-08-33-954][3.725043] mmc0: starting CMD7 arg 00010000 flags 00000015

[20-08-33-954][3.731176] mmc0: sdhci: IRQ status 0x00000001

[20-08-33-962][3.735607] mmc0: req done (CMD7): 0: 00000700 00000000 00000000
00000000

[20-08-33-963][3.742379] mmc0: starting CMD8 arg 00000000 flags 000000b5

[20-08-33-976][3.747940] mmc0: blkksz 512 blocks 1 flags 00000200 tsac 150 ms
nsac 1000

[20-08-33-977][3.755636] mmc0: sdhci: IRQ status 0x00000001

[20-08-33-998][3.776846] mmc0: sdhci: IRQ status 0x00000002

[20-08-34-010][3.781281] mmc0: req done (CMD8): 0: 00000900 00000000 00000000
00000000

[20-08-34-010][3.788052] mmc0: 512 bytes transferred: 0

[20-08-34-011][3.792488] mmc0: Command Queue supported depth 16

[20-08-34-022][3.797267] mmc0: starting CMD6 arg 03af0101 flags 0000049d

[20-08-34-023][3.803397] mmc0: sdhci: IRQ status 0x00000001

[20-08-34-032][3.807826] mmc0: sdhci: IRQ status 0x00000002

[20-08-34-033][3.812255] mmc0: req done (CMD6): 0: 00000900 00000000 00000000
00000000

[20-08-34-044][3.819029] mmc0: starting CMD13 arg 00010000 flags 00000195

[20-08-34-045][3.825251] mmc0: sdhci: IRQ status 0x00000001

[20-08-34-058][3.829682] mmc0: req done (CMD13): 0: 00000900 00000000 00000000
00000000

[20-08-34-059][3.836542] mmc0: starting CMD6 arg 03220101 flags 0000049d

[20-08-34-068][3.842676] mmc0: sdhci: IRQ status 0x00000001

[20-08-34-068][3.847105] mmc0: sdhci: IRQ status 0x00000002

[20-08-34-079][3.851535] mmc0: req done (CMD6): 0: 00000900 00000000 00000000
00000000

[20-08-34-079][3.858309] mmc0: starting CMD13 arg 00010000 flags 00000195

[20-08-34-092][3.864532] mmc0: sdhci: IRQ status 0x00000001

[20-08-34-092][3.868962] mmc0: req done (CMD13): 0: 00000900 00000000 00000000
00000000

[20-08-34-102][3.875824] mmc0: starting CMD6 arg 03b70201 flags 0000049d

[20-08-34-102][3.881732] mmc0: sdhci: IRQ status 0x00000002

[20-08-34-102][3.886160] mmc0: sdhci: IRQ status 0x00018000

[20-08-34-113][3.890642] mmc0: req failed (CMD6): -110, retrying...

[20-08-34-114][3.896117] mmc0: sdhci: IRQ status 0x00000002

[20-08-34-125][3.900545] mmc0: sdhci: IRQ status 0x00018000

[20-08-34-125][3.905037] mmc0: req failed (CMD6): -110, retrying...

[20-08-34-136][3.910512] mmc0: sdhci: IRQ status 0x00000002

[20-08-34-136][3.914940] mmc0: sdhci: IRQ status 0x00018000

[20-08-34-136][3.919420] mmc0: req failed (CMD6): -110, retrying...

[20-08-34-146][3.924891] mmc0: sdhci: IRQ status 0x00000002

[20-08-34-148][3.929320] mmc0: sdhci: IRQ status 0x00018000

[20-08-34-159][3.933800] mmc0: req done (CMD6): -110: 00000000 00000000 00000000
00000000

[20-08-34-159][3.940843] mmc0: starting CMD6 arg 03b70101 flags 0000049d

[20-08-34-172][3.946751] mmc0: sdhci: IRQ status 0x00000002

[20-08-34-172][3.951180] mmc0: sdhci: IRQ status 0x00018000

[20-08-34-182][3.955661] mmc0: req failed (CMD6): -110, retrying...

[20-08-34-182][3.961136] mmc0: sdhci: IRQ status 0x00000002

[20-08-34-182][3.965564] mmc0: sdhci: IRQ status 0x00018000

[20-08-34-192][3.970045] mmc0: req failed (CMD6): -110, retrying...

[20-08-34-193][3.975516] mmc0: sdhci: IRQ status 0x00000002

[20-08-34-205][3.979944] mmc0: sdhci: IRQ status 0x00018000

[20-08-34-205][3.984425] mmc0: req failed (CMD6): -110, retrying...


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[20-08-34-215][ 3.989897] mmc0: sdhci: IRQ status 0x00000002

[20-08-34-216][ 3.994325] mmc0: sdhci: IRQ status 0x00018000

[20-08-34-223][ 3.998805] mmc0: req done (CMD6): -110: 00000000 00000000 00000000
00000000

[20-08-34-234][ 4.011347] mmc0: mmc_select_hs200 failed, error -110

[20-08-34-234][ 4.016387] mmc0: error -110 whilst initialising MMC card

[20-08-34-246][ 4.021774] mmc0: clock 0Hz busmode 2 powermode 0 cs 0 vdd 0 width
1 timing 0

[20-08-34-262][ 4.030193] mmc0: mmc_rescan_try_freq: trying to init card at
100000 Hz

[20-08-34-262][ 4.036794] mmc0: clock 0Hz busmode 2 powermode 1 cs 0 vdd 7 width
1 timing 0

[20-08-34-294][ 4.071952] mmc0: clock 100000Hz busmode 2 powermode 2 cs 0 vdd 7
width 1 timing 0

[20-08-34-315][ 4.092047] mmc0: starting CMD52 arg 00000c00 flags 00000195

[20-08-34-315][ 4.098884] mmc0: sdhci: IRQ status 0x00018000

[20-08-34-326][ 4.103364] mmc0: req done (CMD52): -110: 00000000 00000000
00000000 00000000

[20-08-34-340][ 4.110486] mmc0: starting CMD52 arg 80000c08 flags 00000195

[20-08-34-342][ 4.117323] mmc0: sdhci: IRQ status 0x00018000

[20-08-34-353][ 4.121803] mmc0: req done (CMD52): -110: 00000000 00000000
00000000 00000000

[20-08-34-354][ 4.128925] mmc0: clock 100000Hz busmode 2 powermode 2 cs 1 vdd 7
width 1 timing 0

[20-08-34-363][ 4.137772] mmc0: starting CMD0 arg 00000000 flags 000000c0

[20-08-34-363][ 4.143871] mmc0: sdhci: IRQ status 0x00000001

[20-08-34-378][ 4.148301] mmc0: req done (CMD0): 0: 00000000 00000000 00000000
00000000

[20-08-34-379][ 4.156327] mmc0: clock 100000Hz busmode 2 powermode 2 cs 0 vdd 7
width 1 timing 0

[20-08-34-393][ 4.165176] mmc0: starting CMD8 arg 000000aa flags 000002f5

[20-08-34-393][ 4.171925] mmc0: sdhci: IRQ status 0x00018000

[20-08-34-404][ 4.176404] mmc0: req done (CMD8): -110: 00000000 00000000 00000000
00000000

[20-08-34-404][ 4.183440] mmc0: starting CMD5 arg 00000000 flags 000002e1
```

[20-08-34-416][4.190185] mmc0: sdhci: IRQ status 0x00018000

[20-08-34-417][4.194666] mmc0: req failed (CMD5): -110, retrying...

[20-08-34-428][4.200985] mmc0: sdhci: IRQ status 0x00018000

[20-08-34-429][4.205466] mmc0: req failed (CMD5): -110, retrying...

[20-08-34-443][4.211785] mmc0: sdhci: IRQ status 0x00018000

[20-08-34-443][4.216266] mmc0: req failed (CMD5): -110, retrying...

[20-08-34-444][4.222585] mmc0: sdhci: IRQ status 0x00018000

[20-08-34-454][4.227065] mmc0: req done (CMD5): -110: 00000000 00000000 00000000 00000000

[20-08-34-464][4.234101] mmc0: starting CMD55 arg 00000000 flags 000000f5

[20-08-34-465][4.240935] mmc0: sdhci: IRQ status 0x00018000

[20-08-34-477][4.245415] mmc0: req done (CMD55): -110: 00000000 00000000 00000000 00000000

[20-08-34-478][4.252539] mmc0: starting CMD55 arg 00000000 flags 000000f5

[20-08-34-488][4.259375] mmc0: sdhci: IRQ status 0x00018000

[20-08-34-488][4.263856] mmc0: req done (CMD55): -110: 00000000 00000000 00000000 00000000

[20-08-34-499][4.270979] mmc0: starting CMD55 arg 00000000 flags 000000f5

[20-08-34-500][4.277815] mmc0: sdhci: IRQ status 0x00018000

[20-08-34-511][4.282295] mmc0: req done (CMD55): -110: 00000000 00000000 00000000 00000000

[20-08-34-511][4.289419] mmc0: starting CMD55 arg 00000000 flags 000000f5

[20-08-34-521][4.296255] mmc0: sdhci: IRQ status 0x00018000

[20-08-34-522][4.300735] mmc0: req done (CMD55): -110: 00000000 00000000 00000000 00000000

[20-08-34-534][4.307860] mmc0: clock 1000000Hz busmode 1 powermode 2 cs 0 vdd 7 width 1 timing 0

[20-08-34-534][4.315452] mmc0: starting CMD1 arg 00000000 flags 000000e1

[20-08-34-552][4.322125] mmc0: sdhci: IRQ status 0x00000001

[20-08-34-552][4.326556] mmc0: req done (CMD1): 0: 40ff8080 00000000 00000000 00000000

[20-08-34-569][4.345835] mmc0: starting CMD1 arg 40ff8080 flags 000000e1

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[20-08-34-570][ 4.352505] mmc0: sdhci: IRQ status 0x00000001

[20-08-34-580][ 4.356936] mmc0: req done (CMD1): 0: 40ff8080 00000000 00000000
00000000

[20-08-34-602][ 4.376214] mmc0: starting CMD1 arg 40ff8080 flags 000000e1

[20-08-34-602][ 4.382884] mmc0: sdhci: IRQ status 0x00000001

[20-08-34-609][ 4.387316] mmc0: req done (CMD1): 0: c0ff8080 00000000 00000000
00000000

[20-08-34-625][ 4.394088] mmc0: clock 100000Hz busmode 1 powermode 2 cs 0 vdd 7
width 1 timing 0

[20-08-34-625][ 4.401681] mmc0: clock 100000Hz busmode 1 powermode 2 cs 1 vdd 7
width 1 timing 0

[20-08-34-636][ 4.410529] mmc0: starting CMD0 arg 00000000 flags 000000c0

[20-08-34-636][ 4.416626] mmc0: sdhci: IRQ status 0x00000001

[20-08-34-648][ 4.421057] mmc0: req done (CMD0): 0: 00000000 00000000 00000000
00000000

[20-08-34-660][ 4.429084] mmc0: clock 100000Hz busmode 1 powermode 2 cs 0 vdd 7
width 1 timing 0

[20-08-34-660][ 4.437933] mmc0: starting CMD1 arg 40000080 flags 000000e1

[20-08-34-661][ 4.444600] mmc0: sdhci: IRQ status 0x00000001

[20-08-34-675][ 4.449031] mmc0: req done (CMD1): 0: 40ff8080 00000000 00000000
00000000

[20-08-34-692][ 4.468310] mmc0: starting CMD1 arg 40000080 flags 000000e1

[20-08-34-692][ 4.474980] mmc0: sdhci: IRQ status 0x00000001

[20-08-34-702][ 4.479411] mmc0: req done (CMD1): 0: c0ff8080 00000000 00000000
00000000

[20-08-34-715][ 4.486183] mmc0: starting CMD2 arg 00000000 flags 00000007

[20-08-34-716][ 4.493730] mmc0: sdhci: IRQ status 0x00000001

[20-08-34-728][ 4.498162] mmc0: req done (CMD2): 0: 15010042 47554634 5239051a
52462900

[20-08-34-729][ 4.504937] mmc0: starting CMD3 arg 00010000 flags 00000015

[20-08-34-731][ 4.511640] mmc0: sdhci: IRQ status 0x00000001

[20-08-34-739][ 4.516070] mmc0: req done (CMD3): 0: 00000500 00000000 00000000
00000000

[20-08-34-755][ 4.522844] mmc0: clock 100000Hz busmode 2 powermode 2 cs 0 vdd 7
width 1 timing 0
```

[20-08-34-755][4.530438] mmc0: starting CMD9 arg 00010000 flags 00000007

[20-08-34-765][4.538022] mmc0: sdhci: IRQ status 0x00000001

[20-08-34-766][4.542454] mmc0: req done (CMD9): 0: d0270132 0f5903ff f6dbffef 8e404000

[20-08-34-778][4.549226] mmc0: starting CMD7 arg 00010000 flags 00000015

[20-08-34-778][4.555931] mmc0: sdhci: IRQ status 0x00000001

[20-08-34-789][4.560362] mmc0: req done (CMD7): 0: 00000700 00000000 00000000 00000000

[20-08-34-790][4.567134] mmc0: starting CMD8 arg 00000000 flags 000000b5

[20-08-34-804][4.572694] mmc0: blksz 512 blocks 1 flags 00000200 tsac 150 ms nsac 1000

[20-08-34-805][4.580961] mmc0: sdhci: IRQ status 0x00000001

[20-08-34-844][4.622571] mmc0: sdhci: IRQ status 0x00000002

[20-08-34-859][4.627007] mmc0: req done (CMD8): 0: 00000900 00000000 00000000 00000000

[20-08-34-859][4.633781] mmc0: 512 bytes transferred: 0

[20-08-34-859][4.638217] mmc0: Command Queue supported depth 16

[20-08-34-870][4.642996] mmc0: starting CMD6 arg 03af0101 flags 0000049d

[20-08-34-870][4.649691] mmc0: sdhci: IRQ status 0x00000001

[20-08-34-879][4.654120] mmc0: sdhci: IRQ status 0x00000002

[20-08-34-879][4.658550] mmc0: req done (CMD6): 0: 00000900 00000000 00000000 00000000

[20-08-34-892][4.665322] mmc0: starting CMD13 arg 00010000 flags 00000195

[20-08-34-893][4.672111] mmc0: sdhci: IRQ status 0x00000001

[20-08-34-904][4.676542] mmc0: req done (CMD13): 0: 00000900 00000000 00000000 00000000

[20-08-34-904][4.683402] mmc0: starting CMD6 arg 03220101 flags 0000049d

[20-08-34-914][4.690102] mmc0: sdhci: IRQ status 0x00000001

[20-08-34-915][4.694530] mmc0: sdhci: IRQ status 0x00000002

[20-08-34-927][4.698960] mmc0: req done (CMD6): 0: 00000900 00000000 00000000 00000000

[20-08-34-927][4.705733] mmc0: starting CMD13 arg 00010000 flags 00000195

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[20-08-34-938][ 4.712521] mmc0: sdhci: IRQ status 0x00000001

[20-08-34-939][ 4.716952] mmc0: req done (CMD13): 0: 00000900 00000000 00000000
00000000

[20-08-34-950][ 4.723814] mmc0: starting CMD6 arg 03b70201 flags 0000049d

[20-08-34-950][ 4.730062] mmc0: sdhci: IRQ status 0x00000002

[20-08-34-953][ 4.734490] mmc0: sdhci: IRQ status 0x00018000

[20-08-34-962][ 4.738972] mmc0: req failed (CMD6): -110, retrying...

[20-08-34-963][ 4.744791] mmc0: sdhci: IRQ status 0x00000002

[20-08-34-976][ 4.749219] mmc0: sdhci: IRQ status 0x00018000

[20-08-34-976][ 4.753701] mmc0: req failed (CMD6): -110, retrying...

[20-08-34-986][ 4.759511] mmc0: sdhci: IRQ status 0x00000002

[20-08-34-986][ 4.763939] mmc0: sdhci: IRQ status 0x00018000

[20-08-34-986][ 4.768420] mmc0: req failed (CMD6): -110, retrying...

[20-08-34-996][ 4.774242] mmc0: sdhci: IRQ status 0x00000002

[20-08-34-997][ 4.778670] mmc0: sdhci: IRQ status 0x00018000

[20-08-35-010][ 4.783149] mmc0: req done (CMD6): -110: 00000000 00000000 00000000
00000000

[20-08-35-012][ 4.790185] mmc0: starting CMD6 arg 03b70101 flags 0000049d

[20-08-35-020][ 4.796431] mmc0: sdhci: IRQ status 0x00000002

[20-08-35-020][ 4.800859] mmc0: sdhci: IRQ status 0x00018000

[20-08-35-031][ 4.805341] mmc0: req failed (CMD6): -110, retrying...

[20-08-35-031][ 4.811151] mmc0: sdhci: IRQ status 0x00000002

[20-08-35-032][ 4.815579] mmc0: sdhci: IRQ status 0x00018000

[20-08-35-043][ 4.820060] mmc0: req failed (CMD6): -110, retrying...

[20-08-35-044][ 4.825871] mmc0: sdhci: IRQ status 0x00000002

[20-08-35-056][ 4.830299] mmc0: sdhci: IRQ status 0x00018000

[20-08-35-056][ 4.834781] mmc0: req failed (CMD6): -110, retrying...

[20-08-35-066][ 4.840601] mmc0: sdhci: IRQ status 0x00000002

[20-08-35-067][ 4.845029] mmc0: sdhci: IRQ status 0x00018000

[20-08-35-076][ 4.849508] mmc0: req done (CMD6): -110: 00000000 00000000 00000000
00000000
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[20-08-35-084][4.862052] mmc0: mmc_select_hs200 failed, error -110

[20-08-35-085][4.867093] mmc0: error -110 whilst initialising MMC card

[20-08-35-097][4.872478] mmc0: clock 0Hz busmode 2 powermode 0 cs 0 vdd 0 width
1 timing 0