

DDR 3488111f83 cym 24/04/12-12:49:26, fwver: v1.17

LPDDR4X, 2112MHz

channel[0] BW=16 Col=10 Bk=8 CS0 Row=17 CS1 Row=17 CS=2 Die BW=8 Size=4096MB

channel[1] BW=16 Col=10 Bk=8 CS0 Row=17 CS1 Row=17 CS=2 Die BW=8 Size=4096MB

channel[2] BW=16 Col=10 Bk=8 CS0 Row=17 CS1 Row=17 CS=2 Die BW=8 Size=4096MB

channel[3] BW=16 Col=10 Bk=8 CS0 Row=17 CS1 Row=17 CS=2 Die BW=8 Size=4096MB

Manufacturer ID:0x13

CH0 RX Vref:27.9%, TX Vref:25.8%,24.8%DQ rds:

h7 I0, h4 I0, h5 I0, h0 I0, h1 I0, h0 I0, h3 I0, h3 I0,

h0 I0, h6 I0, h1 I0, h2 I0, h0 I1, h0 I0, h1 I0, h3 I0,

CH1 RX Vref:29.2%, TX Vref:24.8%,25.8%DQ rds:

h2 I0, h2 I0, h0 I0, h1 I0, h0 I0, h2 I0, h2 I0, h0 I0,

h3 I0, h0 I0, h4 I0, h3 I0, h0 I1, h1 I0, h1 I0, h1 I0,

CH2 RX Vref:28.5%, TX Vref:25.8%,24.8%DQ rds:

h0 I0, h0 I0, h0 I0, h0 I2, h0 I0, h1 I0, h3 I0, h0 I0,

h2 I0, h1 I0, h1 I0, h1 I0, h0 I0, h0 I0, h1 I0, h1 I0,

CH3 RX Vref:27.9%, TX Vref:25.8%,25.8%DQ rds:

h0 I0, h1 I0, h2 I0, h1 I0, h0 I0, h0 I0, h0 I0, h6 I0,

h0 I0, h0 I1, h0 I0, h0 I0, h0 I0, h0 I0, h0 I0, h1 I0,

stride=0x2, ddr_config=0x4

hash ch_mask0-1 0x20 0x40, bank_mask0-3 0xa00 0x1400 0x2800 0x0, rank_mask0
0x401000

change to F1: 528MHz

change to F2: 1068MHz

change to F3: 1560MHz

change to F0: 2112MHz

out

U-Boot SPL board init

U-Boot SPL 2017.09-ge4e124926e-230922 #lxh (Sep 25 2023 - 10:58:38), fwver: v1.13

unknown raw ID 0 0 0

unrecognized JEDEC id bytes: 00, 00, 00

Trying to boot from MMC2

MMC: no card present

mmc_init: -123, time 0

spl: mmc init failed with error: -123

Trying to boot from MMC1

SPL: A/B-slot: _a, successful: 0, tries-remain: 7

Trying fit image at 0x4000 sector

Verified-boot: 0

Checking atf-1 0x00040000 (gzip @0x00240000) ... sha256(6e71ca1710...) +
sha256(64122e141b...) + OK

Checking uboot 0x00200000 (gzip @0x00400000) ... sha256(0f53c5240a...) +
sha256(81ddeaa628...) + OK

Checking fdt 0x003484b8 ... sha256(a434b1c4fe...) + OK

Checking atf-2 0xff100000 ... sha256(ce8968e34f...) + OK

Checking atf-3 0x000f0000 ... sha256(ce48b69fdd...) + OK
Checking optee 0x08400000 (gzip @0x08600000) ... sha256(dea78df888...) +
sha256(b866e4e4a1...) + OK
Jumping to U-Boot(0x00200000) via ARM Trusted Firmware(0x00040000)
Total: 90.194/282.34 ms

INFO: Preloader serial: 2
NOTICE: BL31: v2.3():v2.3-765-g588059758:derrick.huang, fwver: v1.46
NOTICE: BL31: Built : 18:13:16, Apr 29 2024
INFO: spec: 0x1
INFO: code: 0x88
INFO: ext 32k is not valid
INFO: ddr: stride-en 4CH
INFO: GICv3 without legacy support detected.
INFO: ARM GICv3 driver initialized in EL3
INFO: valid_cpu_msk=0xff bcore0_rst = 0x0, bcore1_rst = 0x0
INFO: l3 cache partition cfg-0
INFO: system boots from cpu-hwid-0
INFO: bypass memory repair
INFO: idle_st=0x21fff, pd_st=0x11fff9, repair_st=0xfff70001
INFO: dfs DDR fsp_params[0].freq_mhz= 2112MHz
INFO: dfs DDR fsp_params[1].freq_mhz= 528MHz
INFO: dfs DDR fsp_params[2].freq_mhz= 1068MHz
INFO: dfs DDR fsp_params[3].freq_mhz= 1560MHz
INFO: BL31: Initialising Exception Handling Framework
INFO: BL31: Initializing runtime services
INFO: BL31: Initializing BL32
I/TC:
I/TC: OP-TEE version: 3.13.0-791-g185dc3c92 #hisping.lin (gcc version 10.2.1 20201103
(GNU Toolchain for the A-profile Architecture 10.2-2020.11 (arm-10.16))) #2 Tue Apr 16
11:16:18 CST 2024 aarch64, fwver: v1.16
I/TC: OP-TEE memory: TEEOS 0x200000 TA 0xc00000 SHM 0x200000
I/TC: Primary CPU initializing
I/TC: Primary CPU switching to normal world boot
INFO: BL31: Preparing for EL3 exit to normal world
INFO: Entry point address = 0x200000
INFO: SPSR = 0x3c9

U-Boot 2017.09-ga98809d05f-dirty #youyeetoo1 (May 06 2025 - 14:55:27 +0800)

Model: Rockchip RK3588 Evaluation Board
MPIDR: 0x0
PreSerial: 2, raw, 0xfeb50000
DRAM: 16 GiB
Sysmem: init
Relocation Offset: eda15000
Relocation fdt: eb9fa180 - eb9fecc8
CR: M/C/I

Using default environment

optee api revision: 2.0
mmc@fe2c0000: 1, mmc@fe2e0000: 0
Bootdev(atags): mmc 0
MMC0: HS400 Enhanced Strobe, 200Mhz
PartType: EFI
TEEC: Warning: Could not find security partition
DM: v2
boot mode: None
RESC: 'boot', blk@0x0001b243
resource: sha256+
FIT: no signed, no conf required
DTB: rk-kernel.dtb
HASH(c): OK
usb dr_mode not found
usb dr_mode not found
I2c0 speed: 100000Hz
vsel-gpios- not found!
en-gpios- not found!
vdd_cpu_big0_s0 800000 uV
vsel-gpios- not found!
en-gpios- not found!
vdd_cpu_big1_s0 800000 uV
I2c1 speed: 100000Hz
vsel-gpios- not found!
en-gpios- not found!
vdd_npu_s0 800000 uV
spi2: RK806: 2
ON=0x40, OFF=0x00
vdd_gpu_s0 750000 uV
vdd_cpu_lit_s0 init 800000 uV
vdd_log_s0 750000 uV
vdd_vdenc_s0 init 750000 uV
vdd_ddr_s0 850000 uV
get vp0 plane mask:0x5, primary id:2, cursor_plane:-1, from dts
get vp1 plane mask:0xa, primary id:3, cursor_plane:-1, from dts
get vp2 plane mask:0x140, primary id:8, cursor_plane:-1, from dts
get vp3 plane mask:0x280, primary id:9, cursor_plane:-1, from dts
Warn: can't find connect node's handle
Could not find baseparameter partition
Model: Rockchip RK3588 EVB7 V11 Board
Minidump: init...
Rockchip UBOOT DRM driver version: v1.0.1
vp0 have layer nr:2[0 2], primary plane: 2
vp1 have layer nr:2[1 3], primary plane: 3
vp2 have layer nr:2[6 8], primary plane: 8
vp3 have layer nr:2[7 9], primary plane: 9
Using display timing dts

dsi@fde20000: detailed mode clock 51668 kHz, flags[a]
H: 1024 1184 1194 1354
V: 0600 0612 0622 0645
bus_format: 100e
VOP update mode to: 1024x600p59, type: MIPI0 for VP3
VP3 set crtc_clock to 51653KHz
Unsupported bt709f at 10bit csc depth, use bt601f instead
VOP VP3 enable Esmart3[654x270->654x270@185x165] fmt[0] addr[0xedf00000]
final DSI-Link bandwidth: 1000000 Kbps x 4
Monitor has basic audio support
Could not find baseparameter partition
color_format:1
hdmi_select_link_config use tmds mode
mode:1920x1080 bus_format:0x2025
hdmi@fde80000: detailed mode clock 148500 kHz, flags[5]
H: 1920 2008 2052 2200
V: 1080 1084 1089 1125
bus_format: 2025
VOP update mode to: 1920x1080p60, type: HDMI0 for VP0
dclk:148500,if_pixclk_div;2,if_dclk_div:4
VP0 set crtc_clock to 148500KHz
VOP VP0 enable Esmart0[654x270->654x270@633x405] fmt[0] addr[0xedf00000]
CEA mode used vic=16
mtmdsclock:148500000
hdptx_ropll_cmn_config bus_width:16a8c8 rate:1485000
hdptx phy pll locked!
dw_hdmi_setup HDMI mode
don't use dsc mode
dw_hdmi_qp use tmds mode
bus_width:0x16a8c8,bit_rate:1485000
hdptx phy lane locked!
CLK: (sync kernel. arm: enter 1008000 KHz, init 1008000 KHz, kernel ON/A)
b0pll 24000 KHz
b1pll 24000 KHz
lpll 24000 KHz
v0pll 24000 KHz
aupll 786431 KHz
cppll 1500000 KHz
gppll 1188000 KHz
nppll 850000 KHz
pppll 1100000 KHz
aclk_center_root 702000 KHz
pclk_center_root 100000 KHz
hclk_center_root 396000 KHz
aclk_center_low_root 500000 KHz
aclk_top_root 750000 KHz
pclk_top_root 100000 KHz
aclk_low_top_root 396000 KHz
Net: eth1: ethernet@fe1c0000

Hit key to stop autoboot('CTRL+C'): 0
ANDROID: reboot reason: "(none)"
Not AVB images, AVB skip
No valid android hdr
Android image load failed
Android boot failed, error -1.
Booting FIT Image at 0xe91b0b40 with size 0x02648600
Fdt Ramdisk skip relocation
Loading kernel from FIT Image at e91b0b40 ...
Using 'conf' configuration
Verified-boot: 0
Trying 'kernel' kernel subimage
Description: unavailable
Type: Kernel Image
Compression: uncompressed
Data Start: 0xe91f7740
Data Size: 39852544 Bytes = 38 MiB
Architecture: AArch64
OS: Linux
Load Address: 0x00400000
Entry Point: 0x00400000
Hash algo: sha256
Hash value: 5585043f698fca19b63c01fa03401e5c2abd22e8fc75d91850ace182f1138503
Verifying Hash Integrity ... sha256+ OK
Loading fdt from FIT Image at e91b0b40 ...
Using 'conf' configuration
Trying 'fdt' fdt subimage
Description: unavailable
Type: Flat Device Tree
Compression: uncompressed
Data Start: 0xe91b1340
Data Size: 287398 Bytes = 280.7 KiB
Architecture: AArch64
Load Address: 0x08300000
Hash algo: sha256
Hash value:
d7aad652a1f75858e173710b68ec11e13f9b62d2ca42fb88a6e4fb38e0d88d06
Verifying Hash Integrity ... sha256+ OK
Loading fdt from 0x08300000 to 0x08300000
Bootimg using the fdt blob at 0x08300000
Loading Kernel Image from 0xe91f7740 to 0x00400000 ... OK
kernel loaded at 0x00400000, end = 0x02a01a00
Using Device Tree in place at 0000000008300000, end 00000000083492a5
reserved-memory:
cma: addr=10000000 size=10000000
drm-logo@0: addr=edf00000 size=15a000
ramoops@110000: addr=110000 size=e0000
Adding bank: 0x00200000 - 0x08400000 (size: 0x08200000)
Adding bank: 0x09400000 - 0xf0000000 (size: 0xe6c00000)

Adding bank: 0x100000000 - 0x3fc000000 (size: 0x2fc000000)
Adding bank: 0x3fc500000 - 0x3fff00000 (size: 0x03a000000)
Adding bank: 0x4f0000000 - 0x500000000 (size: 0x100000000)
Total: 944.353/1302.39 ms

Starting kernel ...

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[ 1.307041] Booting Linux on physical CPU 0x0000000000 [0x412fd050]
[ 1.307062] Linux version 6.1.75 (youyeetoo1@youyeetoo1-Inspiron-3020-S)
(aarch64-none-linux-gnu-gcc (GNU Toolchain for the A-profile Architecture 10.3-2021.07
(arm-10.29)) 10.3.1 20210621, GNU ld (GNU Toolchain for the A-profile Architecture
10.3-2021.07 (arm-10.29)) 2.36.1.20210621) #2 SMP Tue May 6 14:58:09 CST 2025
[ 1.309960] random: crng init done
[ 1.314671] Machine model: Rockchip RK3588 EVB7 V11 Board
[ 1.326170] earlycon: uart8250 at MMIO32 0x00000000feb50000 (options "")
[ 1.330738] printk: bootconsole [uart8250] enabled
[ 1.333429] efi: UEFI not found.
[ 1.335904] OF: fdt: Reserved memory: failed to reserve memory for node
'drm-cubic-lut@0': base 0x0000000000000000, size 0 MiB
[ 1.336995] Reserved memory: created CMA memory pool at 0x0000000010000000, size
256 MiB
[ 1.337736] OF: reserved mem: initialized node cma, compatible id shared-dma-pool
[ 1.548601] Zone ranges:
[ 1.548843] DMA [mem 0x0000000000200000-0x00000000ffffffff]
[ 1.549414] DMA32 empty
[ 1.549680] Normal [mem 0x0000000010000000-0x000000004fffffffff]
[ 1.550247] Movable zone start for each node
[ 1.550637] Early memory node ranges
[ 1.550964] node 0: [mem 0x0000000000200000-0x000000000083ffff]
[ 1.551538] node 0: [mem 0x0000000000940000-0x0000000000efffff]
[ 1.552113] node 0: [mem 0x0000000010000000-0x000000003fbfffff]
[ 1.552691] node 0: [mem 0x000000003fc50000-0x000000003ffeffff]
[ 1.553264] node 0: [mem 0x000000004f000000-0x000000004fffffffff]
[ 1.553838] Initmem setup node 0 [mem 0x0000000000200000-0x000000004fffffffff]
[ 1.555161] On node 0, zone DMA: 512 pages in unavailable ranges
[ 1.573899] On node 0, zone DMA: 4096 pages in unavailable ranges
[ 1.636319] On node 0, zone Normal: 1280 pages in unavailable ranges
[ 1.638196] On node 0, zone Normal: 256 pages in unavailable ranges
[ 1.638929] psci: probing for conduit method from DT.
[ 1.639968] psci: PSCIv1.1 detected in firmware.
[ 1.640393] psci: Using standard PSCI v0.2 function IDs
[ 1.640872] psci: Trusted OS migration not required
[ 1.641356] psci: SMC Calling Convention v1.2
[ 1.642059] percpu: Embedded 26 pages/cpu s68968 r8192 d29336 u106496
[ 1.642824] Detected VIPT I-cache on CPU0
[ 1.643226] CPU features: detected: GIC system register CPU interface
[ 1.643814] CPU features: detected: Virtualization Host Extensions
[ 1.644385] CPU features: detected: ARM errata 1165522, 1319367, or 1530923
[ 1.645023] alternatives: applying boot alternatives
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[1.647244] Built 1 zonelists, mobility grouping on. Total pages: 4122720
[1.647881] Kernel command line: storagemedia=emmc
androidboot.storagemedia=emmc androidboot.mode=normal
androidboot.verifiedbootstate=orange rw rootwait earlycon=uart8250,mmio32,0xfeb50000
console=ttyFIQ0 irqchip.gicv3_pseudo_nmi=0 root=PARTUUID=614e0000-0000
rcupdate.rcu_expedited=1 rcu_nocbs=all
androidboot.fwver=ddr-v1.17-3488111f83,spl-v1.13,bl31-v1.46,bl32-v1.16,uboot-a98809d0
5f-05/06/2025
[1.651269] Unknown kernel command line parameters "storagemedia=emmc", will be
passed to user space.
[1.653547] Dentry cache hash table entries: 2097152 (order: 12, 16777216 bytes, linear)
[1.655000] Inode-cache hash table entries: 1048576 (order: 11, 8388608 bytes, linear)
[1.655727] mem auto-init: stack:off, heap alloc:off, heap free:off
[1.656301] software IO TLB: area num 8.
[1.668123] software IO TLB: mapped [mem 0x00000000e9f00000-0x00000000edf00000]
(64MB)
[1.774785] Memory: 16061220K/16752640K available (20224K kernel code, 3782K rwdma,
7248K rodata, 7552K init, 660K bss, 429276K reserved, 262144K cma-reserved)
[1.776190] SLUB: HWalign=64, Order=0-3, MinObjects=0, CPUs=8, Nodes=1
[1.776815] ftrace: allocating 62090 entries in 243 pages
[1.855273] ftrace: allocated 243 pages with 6 groups
[1.855812] trace event string verifier disabled
[1.856390] rcu: Hierarchical RCU implementation.
[1.856824] rcu: RCU event tracing is enabled.
[1.857239] All grace periods are expedited (rcu_expedited).
[1.857764] Rude variant of Tasks RCU enabled.
[1.858178] rcu: RCU calculated value of scheduler-enlistment delay is 25 jiffies.
[1.865408] NR_IRQS: 64, nr_irqs: 64, preallocated irq: 0
[1.868348] GICv3: GIC: Using split EOI/Deactivate mode
[1.868831] GICv3: 480 SPIs implemented
[1.869182] GICv3: 0 Extended SPIs implemented
[1.869609] Root IRQ handler: gic_handle_irq
[1.870009] GICv3: GICv3 features: 16 PPIs
[1.870791] GICv3: CPU0: found redistributor 0 region 0:0x00000000fe680000
[1.871686] ITS [mem 0xfe640000-0xfe65ffff]
[1.872112] ITS@0x00000000fe640000: allocated 8192 Devices @3fc710000 (indirect, esz
8, psz 64K, shr 0)
[1.872991] ITS@0x00000000fe640000: allocated 32768 Interrupt Collections @3fc720000
(flat, esz 2, psz 64K, shr 0)
[1.873943] ITS: using cache flushing for cmd queue
[1.874411] ITS [mem 0xfe660000-0xfe67ffff]
[1.874826] ITS@0x00000000fe660000: allocated 8192 Devices @3fc740000 (indirect, esz
8, psz 64K, shr 0)
[1.875703] ITS@0x00000000fe660000: allocated 32768 Interrupt Collections @3fc750000
(flat, esz 2, psz 64K, shr 0)
[1.876654] ITS: using cache flushing for cmd queue
[1.877283] GICv3: using LPI property table @0x00000003fc760000
[1.877928] GIC: using cache flushing for LPI property table
[1.878449] GICv3: CPU0: using allocated LPI pending table @0x00000003fc770000

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[ 1.879149] rcu: Offload RCU callbacks from CPUs: 0-7.
[ 1.879636] rcu: srcu_init: Setting srcu_struct sizes based on contention.
[ 1.984890] arch_timer: cp15 timer(s) running at 24.00MHz (phys).
[ 1.985446] clocksource: arch_sys_counter: mask: 0xffffffffffff max_cycles: 0x588fe9dc0,
max_idle_ns: 440795202592 ns
[ 1.986420] sched_clock: 56 bits at 24MHz, resolution 41ns, wraps every 4398046511097ns
[ 1.988271] Console: colour dummy device 80x25
[ 1.988729] Calibrating delay loop (skipped), value calculated using timer frequency.. 48.00
BogoMIPS (lpj=96000)
[ 1.989654] pid_max: default: 32768 minimum: 301
[ 1.990202] Mount-cache hash table entries: 32768 (order: 6, 262144 bytes, linear)
[ 1.990914] Mountpoint-cache hash table entries: 32768 (order: 6, 262144 bytes, linear)
[ 1.992691] cblist_init_generic: Setting adjustable number of callback queues.
[ 1.993363] cblist_init_generic: Setting shift to 3 and lim to 1.
[ 1.994032] rcu: Hierarchical SRCU implementation.
[ 1.994466] rcu: Max phase no-delay instances is 1000.
[ 1.995698] Platform MSI: msi-controller@fe640000 domain created
[ 1.996246] Platform MSI: msi-controller@fe660000 domain created
[ 1.997118] PCI/MSI: /interrupt-controller@fe600000/msi-controller@fe640000 domain
created
[ 1.997872] PCI/MSI: /interrupt-controller@fe600000/msi-controller@fe660000 domain
created
[ 1.998783] EFI services will not be available.
[ 1.999405] smp: Bringing up secondary CPUs ...
I/TC: Secondary CPU 1 initializing
I/TC: Secondary CPU 1 switching to normal world boot
I/TC: Secondary CPU 2 initializing
I/TC: Secondary CPU 2 switching to normal world boot
I/TC: Secondary CPU 3 initializing
I/TC: Secondary CPU 3 switching to normal world boot
I/TC: Secondary CPU 4 initializing
I/TC: Secondary CPU 4 switching to normal world boot
I/TC: Secondary CPU 5 initializing
I/TC: Secondary CPU 5 switching to normal world boot
I/TC: Secondary CPU 6 initializing
I/TC: Secondary CPU 6 switching to normal world boot
I/TC: Secondary CPU 7 initializing
I/TC: Secondary CPU 7 switching to normal world boot
[ 2.000902] Detected VIPT I-cache on CPU1
[ 2.000969] GICv3: CPU1: found redistributor 100 region 0:0x00000000fe6a0000
[ 2.000985] GICv3: CPU1: using allocated LPI pending table @0x00000003fc780000
[ 2.001020] CPU1: Booted secondary processor 0x0000000100 [0x412fd050]
[ 2.002136] Detected VIPT I-cache on CPU2
[ 2.002196] GICv3: CPU2: found redistributor 200 region 0:0x00000000fe6c0000
[ 2.002211] GICv3: CPU2: using allocated LPI pending table @0x00000003fc790000
[ 2.002241] CPU2: Booted secondary processor 0x0000000200 [0x412fd050]
[ 2.003353] Detected VIPT I-cache on CPU3
[ 2.003410] GICv3: CPU3: found redistributor 300 region 0:0x00000000fe6e0000
[ 2.003424] GICv3: CPU3: using allocated LPI pending table @0x00000003fc7a0000

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[ 2.003452] CPU3: Booted secondary processor 0x0000000300 [0x412fd050]
[ 2.004575] CPU features: detected: Spectre-v4
[ 2.004578] CPU features: detected: Spectre-BHB
[ 2.004581] Detected PIPT I-cache on CPU4
[ 2.004618] GICv3: CPU4: found redistributor 400 region 0:0x00000000fe700000
[ 2.004627] GICv3: CPU4: using allocated LPI pending table @0x00000003fc7b0000
[ 2.004647] CPU4: Booted secondary processor 0x0000000400 [0x414fd0b0]
[ 2.005732] Detected PIPT I-cache on CPU5
[ 2.005773] GICv3: CPU5: found redistributor 500 region 0:0x00000000fe720000
[ 2.005782] GICv3: CPU5: using allocated LPI pending table @0x00000003fc7c0000
[ 2.005803] CPU5: Booted secondary processor 0x0000000500 [0x414fd0b0]
[ 2.006861] Detected PIPT I-cache on CPU6
[ 2.006900] GICv3: CPU6: found redistributor 600 region 0:0x00000000fe740000
[ 2.006909] GICv3: CPU6: using allocated LPI pending table @0x00000003fc7d0000
[ 2.006929] CPU6: Booted secondary processor 0x0000000600 [0x414fd0b0]
[ 2.007990] Detected PIPT I-cache on CPU7
[ 2.008030] GICv3: CPU7: found redistributor 700 region 0:0x00000000fe760000
[ 2.008039] GICv3: CPU7: using allocated LPI pending table @0x00000003fc7e0000
[ 2.008058] CPU7: Booted secondary processor 0x0000000700 [0x414fd0b0]
[ 2.008103] smp: Brought up 1 node, 8 CPUs
[ 2.024843] SMP: Total of 8 processors activated.
[ 2.025267] CPU features: detected: 32-bit EL0 Support
[ 2.025727] CPU features: detected: Data cache clean to the PoU not required for I/D
coherence
[ 2.026507] CPU features: detected: Common not Private translations
[ 2.027070] CPU features: detected: CRC32 instructions
[ 2.027532] CPU features: detected: RCpc load-acquire (LDAPR)
[ 2.028050] CPU features: detected: LSE atomic instructions
[ 2.028553] CPU features: detected: Privileged Access Never
[ 2.029054] CPU features: detected: RAS Extension Support
[ 2.029543] CPU features: detected: Speculative Store Bypassing Safe (SSBS)
[ 2.030279] CPU: All CPU(s) started at EL2
[ 2.030657] alternatives: applying system-wide alternatives
[ 2.036947] devtmpfs: initialized
[ 2.047363] Registered cp15_barrier emulation handler
[ 2.047831] Registered setend emulation handler
[ 2.048297] clocksource: jiffies: mask: 0xffffffff max_cycles: 0xffffffff, max_idle_ns:
7645041785100000 ns
[ 2.049188] futex hash table entries: 2048 (order: 5, 131072 bytes, linear)
[ 2.051262] pinctrl core: initialized pinctrl subsystem
[ 2.051912] DMI not present or invalid.
[ 2.052357] NET: Registered PF_NETLINK/PF_ROUTE protocol family
[ 2.053365] DMA: preallocated 2048 KiB GFP_KERNEL pool for atomic allocations
[ 2.054204] DMA: preallocated 2048 KiB GFP_KERNEL|GFP_DMA pool for atomic
allocations
[ 2.055101] DMA: preallocated 2048 KiB GFP_KERNEL|GFP_DMA32 pool for atomic
allocations
[ 2.056263] Registered FIQ tty driver
[ 2.056690] thermal_sys: Registered thermal governor 'fair_share'

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[2.056692] thermal_sys: Registered thermal governor 'step_wise'
[2.057247] thermal_sys: Registered thermal governor 'user_space'
[2.057794] thermal_sys: Registered thermal governor 'power_allocator'
[2.058360] cpuidle: using governor menu
[2.059417] hw-breakpoint: found 6 breakpoint and 4 watchpoint registers.
[2.060110] ASID allocator initialised with 65536 entries
[2.062223] ramoops: dmesg-0 0x18000@0x00000000000110000
[2.062701] ramoops: dmesg-1 0x18000@0x00000000000128000
[2.063189] ramoops: console 0x80000@0x00000000000140000
[2.063677] ramoops: pmsg 0x30000@0x000000000001c0000
[2.064336] printk: console [ramoops-1] enabled
[2.064751] pstore: Registered ramoops as persistent store backend
[2.065315] ramoops: using 0xe0000@0x110000, ecc: 0
[2.082421] platform mipi0-csi2: Fixed dependency cycle(s) with
/csi2-dcphy0/ports/port@1/endpoint@0
[2.083306] platform mipi1-csi2: Fixed dependency cycle(s) with
/csi2-dcphy1/ports/port@1/endpoint@0
[2.084232] platform rkCIF-mipi-lvds: Fixed dependency cycle(s) with
/mipi0-csi2/ports/port@1/endpoint@0
[2.085169] platform rkCIF-mipi-lvds1: Fixed dependency cycle(s) with
/mipi1-csi2/ports/port@1/endpoint@0
[2.086113] platform rkisp0-vir0: Fixed dependency cycle(s) with
/rkCIF-mipi-lvds-sdItf/port/endpoint
[2.086992] platform rkisp1-vir0: Fixed dependency cycle(s) with
/rkCIF-mipi-lvds1-sdItf/port/endpoint
[2.095423] platform fde20000.dsi: Fixed dependency cycle(s) with
/dsi@fde20000/panel@0/ports/port@0/endpoint
[2.096339] platform fde20000.dsi: Fixed dependency cycle(s) with
/vop@fdd90000/ports/port@3/endpoint@0
[2.097316] platform fde50000.dp: Fixed dependency cycle(s) with
/vop@fdd90000/ports/port@1/endpoint@0
[2.098376] platform fde80000.hdmi: Fixed dependency cycle(s) with
/vop@fdd90000/ports/port@0/endpoint@2
[2.108246] rockchip-gpio fd8a0000.gpio: probed /pinctrl/gpio@fd8a0000
[2.109035] rockchip-gpio fec20000.gpio: probed /pinctrl/gpio@fec20000
[2.109766] rockchip-gpio fec30000.gpio: probed /pinctrl/gpio@fec30000
[2.110517] rockchip-gpio fec40000.gpio: probed /pinctrl/gpio@fec40000
[2.111276] rockchip-gpio fec50000.gpio: probed /pinctrl/gpio@fec50000
[2.111899] rockchip-pinctrl pinctrl: probed pinctrl
[2.113486] platform fded0000.edp: Fixed dependency cycle(s) with
/vop@fdd90000/ports/port@2/endpoint@6
[2.116015] platform panel-edp1: Fixed dependency cycle(s) with
/edp@fded0000/ports/port@1/endpoint
[2.121998] fiq_debugger fiq_debugger.0: error -ENXIO: IRQ fiq not found
[2.122617] fiq_debugger fiq_debugger.0: error -ENXIO: IRQ wakeup not found
[2.123255] fiq_debugger_probe: could not install nmi irq handler
[[2.123846] printk: console [ttyFIQ0] enabled
2.123846] printk: console [ttyFIQ0] enabled
[2.124623] printk: bootconsole [uart8250] disabled

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[ 2.124623] printk: bootconsole [uart8250] disabled
[ 2.125126] Registered fiq debugger ttyFIQ0
[ 2.126391] iommu: Default domain type: Translated
[ 2.126397] iommu: DMA domain TLB invalidation policy: strict mode
[ 2.126500] SCSI subsystem initialized
[ 2.126555] usbcore: registered new interface driver usbfs
[ 2.126567] usbcore: registered new interface driver hub
[ 2.126578] usbcore: registered new device driver usb
[ 2.126617] mc: Linux media interface: v0.10
[ 2.126628] videodev: Linux video capture interface: v2.00
[ 2.126648] pps_core: LinuxPPS API ver. 1 registered
[ 2.126652] pps_core: Software ver. 5.3.6 - Copyright 2005-2007 Rodolfo Giometti
<giometti@linux.it>
[ 2.126658] PTP clock support registered
[ 2.126671] EDAC MC: Ver: 3.0.0
[ 2.126900] arm-scmi firmware:scmi: Enabled polling mode TX channel - prot_id:16
[ 2.126935] arm-scmi firmware:scmi: SCMI Notifications - Core Enabled.
[ 2.126960] arm-scmi firmware:scmi: SCMI Protocol v2.0 'rockchip:' Firmware version 0x0
[ 2.128002] Advanced Linux Sound Architecture Driver Initialized.
[ 2.128139] Bluetooth: Core ver 2.22
[ 2.128149] NET: Registered PF_BLUETOOTH protocol family
[ 2.128152] Bluetooth: HCI device and connection manager initialized
[ 2.128157] Bluetooth: HCI socket layer initialized
[ 2.128161] Bluetooth: L2CAP socket layer initialized
[ 2.128167] Bluetooth: SCO socket layer initialized
[ 2.129395] rockchip-cpuinfo cpuinfo: SoC : 35881000
[ 2.129401] rockchip-cpuinfo cpuinfo: Serial : 35a87c8c497f917f
[ 2.129480] Unable to handle kernel NULL pointer dereference at virtual address
0000000000000000
[ 2.142300] Mem abort info:
[ 2.142547] ESR = 0x0000000096000045
[ 2.142874] EC = 0x25: DABT (current EL), IL = 32 bits
[ 2.143346] SET = 0, FnV = 0
[ 2.143616] EA = 0, S1PTW = 0
[ 2.143898] FSC = 0x05: level 1 translation fault
[ 2.144325] Data abort info:
[ 2.144584] ISV = 0, ISS = 0x00000045
[ 2.144921] CM = 0, WnR = 1
[ 2.145180] [0000000000000000] user address but active_mm is swapper
[ 2.145742] Internal error: Oops: 0000000096000045 [#1] SMP
[ 2.146238] Modules linked in:
[ 2.146511] CPU: 4 PID: 1 Comm: swapper/0 Not tainted 6.1.75 #2
[ 2.147029] Hardware name: Rockchip RK3588 EVB7 V11 Board (DT)
[ 2.147545] pstate: 20400009 (nzCv daif +PAN -UAO -TCO -DIT -SSBS BTYPE=--)
[ 2.148152] pc : rockchip_cpuinfo_probe+0x2dc/0x700
[ 2.148584] lr : rockchip_cpuinfo_probe+0x2a4/0x700
[ 2.149013] sp : fffffffc00a70ba40
[ 2.149305] x29: fffffffc00a70ba40 x28: 0000000000000000 x27: fffffffc009af00c8
[ 2.149937] x26: fffffffc00989b9a8 x25: fffffffc00a70bbc7 x24: fffffffc00a605000

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[2.150567] x23: fffffffc00a605000 x22: fffffffc009908d50 x21: fffffffc00a70bbc7
[2.151196] x20: fffffffc00a70bbc5 x19: 0000000000000204 x18: 0000000000000030
[2.151826] x17: 3966373934633863 x16: 3738613533203a09 x15: ffffffffffffffff
[2.152455] x14: ffffffffffffffff x13: 0000000000000010 x12: 0000000000000003
[2.153084] x11: 0000000000000007 x10: 00000000000000b0 x9 : fffffffc00a3ed520
[2.153713] x8 : 0000000000000003 x7 : fffffffc00a70ba30 x6 : 0000000000000010
[2.154343] x5 : 0000000000000007 x4 : 0000000000000007 x3 : 0000000000000040
[2.154972] x2 : 0000000000000000 x1 : 00000000ffffffff x0 : 0000000000000000
[2.155602] Call trace:
[2.155817] rockchip_cpuid_info_probe+0x2dc/0x700
[2.156223] platform_probe+0x6c/0xd4
[2.156553] really_probe+0xc4/0x3e0
[2.156869] __driver_probe_device+0x80/0x160
[2.157252] driver_probe_device+0x40/0x110
[2.157624] __driver_attach+0xec/0x1f0
[2.157963] bus_for_each_dev+0x74/0xd0
[2.158304] driver_attach+0x28/0x30
[2.158624] bus_add_driver+0x178/0x234
[2.158964] driver_register+0x7c/0x130
[2.159303] __platform_driver_register+0x2c/0x34
[2.159720] rockchip_cpuid_info_init+0x20/0x28
[2.160107] do_one_initcall+0x48/0x250
[2.160447] kernel_init_freeable+0x298/0x300
[2.160833] kernel_init+0x28/0x12c
[2.161140] ret_from_fork+0x10/0x20
[2.161458]
[2.161458] PC: 0xffffffffc008700e9c:
[2.161895] 0c9c 9420def1 aa0003f5 b140041f 54002dc8 9101c3e1 9420e3c8 aa0003f3
aa1503e0
[2.162619] 0cbc 9420de55 aa1303e1 b140067f 540027a8 f9403be0 f100401f 54002de1
91004263
[2.163342] 0cdc 9103d7e2 a90363f7 a9046bf9 39400420 39000040 91000442 38402420
39001c40
[2.164064] 0cfc eb03003f 54ffff41 aa1303e0 97eb321a 9000fc22 aa1403e0 b0008de1
b000f837
[2.164786] 0d1c f9436842 9139c021 b000f838 90009056 913542d6 94324e29 9103d7e1
d2800102
[2.165508] 0d3c 52800000 97fa59c8 2a0003f3 9103f7e1 d2800102 b9011ae0 97fa59c3
2a1303e3
[2.166230] 0d5c 2a0003e2 b0008981 aa1403e0 91170021 b9011f02 94324e19 910397e0
b9411f02
[2.166952] 0d7c aa1603e1 9431e264 f0008980 d2800001 91110000 94200620 b40025a0
b0008de1
[2.167675] 0d9c 9101e3e2 913a0021 9420120f 35002320 910417f4 f0008cda aa1403f5
9126a35a
[2.168397] 0dbc 91061ff9 d2802013 d503201f f9403fe3 9101b3e2 aa1a03e1 91038fe0
8b130064
[2.169119] 0ddc 38736863 91000a73 39038fe3 39400483 390393e3 9431d11d b9406fe0
380016a0

[2.169841] 0dfc eb15033f 54fffe41 91020282 52800000 d503201f 38401681 0b010000 eb14005f
[2.170564] 0e1c 54ffffa1 394617e1 6b80203f 540000e0 39461be2 12001c00 2a020021 7100003f
[2.171287] 0e3c 7a420004 540021e1 910397e0 91020fe1 97f8c385 910557e0 91020fe2 9103b7e1
[2.172009] 0e5c 52800003 97f8c46c 3943b7e0 7101401f 540001c0 3943bbe0 7101441f 54000160
[2.172732] 0e7c 3943bfe0 7101dc1f 54000100 3943c3e0 71014c1f 540000a0 d2800000 12800001
[2.173454] 0e9c* b9000001 97e5d8b0 3943c7e0 7101501f 540001c0 3943cbe0 7101541f 54000160
[2.174176] 0ebc 3943cfe0 7101581f 54000100 3943d3e0 71015c1f 540000a0 d2800000 12800001
[2.174898] 0edc b9000001 97e5d8a0 b9411ae2 aa1603e1 910397e0 9431e208 910397e0 91020fe1
[2.175620] 0efc 97f8c359 910577e0 91020fe2 9103b7e1 52800003 97f8c440 3943b7e0 7101601f
[2.176342] 0f1c 540001c0 3943bbe0 7101641f 54000160 3943bfe0 7101681f 54000100 3943c3e0
[2.177065] 0f3c 71008c1f 540000a0 d2800000 12800001 b9000001 97e5d884 3943c7e0 7101701f
[2.177787] 0f5c 540001c0 3943cbe0 7101741f 54000160 3943cfe0 7101781f 54000100 3943d3e0
[2.178509] 0f7c 71017c1f 540000a0 d2800000 12800001 b9000001 97e5d874 b9411f02 aa1603e1
[2.179232] 0f9c 910397e0 9431e1dc 910397e0 91020fe1 97f8c32d 9105b7e0 91020fe2 9103b7e1
[2.179954] 0fbc 52800003 97f8c414 3943b7e0 7101a01f 540001c0 3943bbe0 7101a41f 54000160
[2.180676] 0fdc 3943bfe0 7101a81f 54000100 3943c3e0 7101a01f 540000a0 d2800000 12800001
[2.181398] 0ffc b9000001 97e5d858 3943c7e0 7101b01f 540001c0 3943cbe0 7101b41f 54000160
[2.182120] 101c 3943cfe0 7101b81f 54000100 3943d3e0 7101bc1f 540000a0 d2800000 12800001
[2.182843] 103c b9000001 97e5d848 b9411ae2 aa1603e1 910397e0 9431e1b0 910397e0 91020fe1
[2.183566] 105c 97f8c301 9105d7e0 91020fe2 9103b7e1 52800003 97f8c3e8 3943b7e0 7101c01f
[2.184288] 107c 540001c0 3943bbe0 7101c41f 54000160 3943bfe0 71008c1f 54000100 3943c3e0
[2.185010]
[2.185010] LR: 0xffffffc008700e64:
[2.185447] 0c64 9420e3db aa0003f3 aa1503e0 9420de68 b140067f 54002a28 f9403be0 f100041f
[2.186169] 0c84 54002b20 aa1303e0 97eb3239 aa1403e0 d0009421 912aa021 9420def1 aa0003f5
[2.186892] 0ca4 b140041f 54002dc8 9101c3e1 9420e3c8 aa0003f3 aa1503e0 9420de55

aa1303e1

[2.187614] 0cc4 b140067f 540027a8 f9403be0 f100401f 54002de1 91004263 9103d7e2 a90363f7

[2.188336] 0ce4 a9046bf9 39400420 39000040 91000442 38402420 39001c40 eb03003f 54ffff41

[2.189059] 0d04 aa1303e0 97eb321a 9000fc22 aa1403e0 b0008de1 b000f837 f9436842 9139c021

[2.189781] 0d24 b000f838 90009056 913542d6 94324e29 9103d7e1 d2800102 52800000 97fa59c8

[2.190503] 0d44 2a0003f3 9103f7e1 d2800102 b9011ae0 97fa59c3 2a1303e3 2a0003e2 b0008981

[2.191225] 0d64 aa1403e0 91170021 b9011f02 94324e19 910397e0 b9411f02 aa1603e1 9431e264

[2.191947] 0d84 f0008980 d2800001 91110000 94200620 b40025a0 b0008de1 9101e3e2 913a0021

[2.192670] 0da4 9420120f 35002320 910417f4 f0008cda aa1403f5 9126a35a 91061ff9 d2802013

[2.193392] 0dc4 d503201f f9403fe3 9101b3e2 aa1a03e1 91038fe0 8b130064 38736863 91000a73

[2.194114] 0de4 39038fe3 39400483 390393e3 9431d11d b9406fe0 380016a0 eb15033f 54fffe41

[2.194836] 0e04 91020282 52800000 d503201f 38401681 0b010000 eb14005f 54ffffa1 394617e1

[2.195559] 0e24 6b80203f 540000e0 39461be2 12001c00 2a020021 7100003f 7a420004 540021e1

[2.196281] 0e44 910397e0 91020fe1 97f8c385 910557e0 91020fe2 9103b7e1 52800003 97f8c46c

[2.197003] 0e64* 3943b7e0 7101401f 540001c0 3943bbe0 7101441f 54000160 3943bfe0 7101dc1f

[2.197725] 0e84 54000100 3943c3e0 71014c1f 540000a0 d2800000 12800001 b9000001 97e5d8b0

[2.198448] 0ea4 3943c7e0 7101501f 540001c0 3943cbe0 7101541f 54000160 3943cfe0 7101581f

[2.199170] 0ec4 54000100 3943d3e0 71015c1f 540000a0 d2800000 12800001 b9000001 97e5d8a0

[2.199892] 0ee4 b9411ae2 aa1603e1 910397e0 9431e208 910397e0 91020fe1 97f8c359 910577e0

[2.200614] 0f04 91020fe2 9103b7e1 52800003 97f8c440 3943b7e0 7101601f 540001c0 3943bbe0

[2.201336] 0f24 7101641f 54000160 3943bfe0 7101681f 54000100 3943c3e0 71008c1f 540000a0

[2.202059] 0f44 d2800000 12800001 b9000001 97e5d884 3943c7e0 7101701f 540001c0 3943cbe0

[2.202781] 0f64 7101741f 54000160 3943cfe0 7101781f 54000100 3943d3e0 71017c1f 540000a0

[2.203503] 0f84 d2800000 12800001 b9000001 97e5d874 b9411f02 aa1603e1 910397e0 9431e1dc

[2.204226] 0fa4 910397e0 91020fe1 97f8c32d 9105b7e0 91020fe2 9103b7e1 52800003 97f8c414

[2.204948] 0fc4 3943b7e0 7101a01f 540001c0 3943bbe0 7101a41f 54000160 3943bfe0
7101a81f
[2.205670] 0fe4 54000100 3943c3e0 7101a01f 540000a0 d2800000 12800001 b9000001
97e5d858
[2.206392] 1004 3943c7e0 7101b01f 540001c0 3943cbe0 7101b41f 54000160 3943cfe0
7101b81f
[2.207114] 1024 54000100 3943d3e0 7101bc1f 540000a0 d2800000 12800001 b9000001
97e5d848
[2.207837] 1044 b9411ae2 aa1603e1 910397e0 9431e1b0 910397e0 91020fe1 97f8c301
9105d7e0
[2.208559]
[2.208559] SP: 0xffffffff00a70ba40:
[2.208996] b840 0a70b900 fffffffc0 09394188 fffffffc0 00f73010 ffffff81 0a70b9d8 fffffffc0
[2.209719] b860 0a70b880 fffffffc0 08030dd8 fffffffc0 0a605000 fffffffc0 0a605000 fffffffc0
[2.210441] b880 0a70b8b0 fffffffc0 093bb838 fffffffc0 0a70b8f0 fffffffc0 96000045
00000000
[2.211163] b8a0 00000000 00000000 08700e9c fffffffc0 0a70b8e0 fffffffc0 093bc940
ffffffc0
[2.211885] b8c0 00000204 00000000 0a70bbc5 fffffffc0 0a70ba40 fffffffc0 0a70bb23
ffffffc0
[2.212608] b8e0 0a70ba20 fffffffc0 080112e0 fffffffc0 00000000 00000000 ffffffff 00000000
[2.213330] b900 00000000 00000000 00000040 00000000 00000007 00000000 00000007
00000000
[2.214052] b920 00000010 00000000 0a70ba30 fffffffc0 00000003 00000000 0a3ed520
ffffffc0
[2.214774] b940 000000b0 00000000 00000007 00000000 00000003 00000000 00000010
00000000
[2.215496] b960 ffffffff ffffffff ffffffff ffffffff 33203a09 37386135 34633863 39663739
[2.216219] b980 00000030 00000000 00000204 00000000 0a70bbc5 fffffffc0 0a70bbc7
ffffffc0
[2.216941] b9a0 09908d50 fffffffc0 0a605000 fffffffc0 0a605000 fffffffc0 0a70bbc7 fffffffc0
[2.217664] b9c0 0989b9a8 fffffffc0 09af00c8 fffffffc0 00000000 00000000 0a70ba40 fffffffc0
[2.218386] b9e0 08700e64 fffffffc0 0a70ba40 fffffffc0 08700e9c fffffffc0 20400009
00000000
[2.219108] ba00 534c2d71 00000000 0a70bb2d fffffffc0 00000002 0000000b 2d718d50
bd7e534c
[2.219830] ba20 0a70ba40 fffffffc0 08700e9c fffffffc0 1d57bd7e 534c2d71 00000000
00000000
[2.220552] ba40* 0a70bbd0 fffffffc0 089b533c fffffffc0 00000000 00000000 00f73010
ffffff81
[2.221274] ba60 0a436d70 fffffffc0 00000000 00000000 00000000 00000000 01358568
ffffff81
[2.221996] ba80 00000004 00000000 09bc6050 fffffffc0 0a70bb00 fffffffc0 086ef710
ffffffc0
[2.222718] baa0 0a70bae0 fffffffc0 08f0089c 00000000 00000010 00000000 fdd348c0
fffffffd
[2.223440] bac0 408bdc10 53666e3c b4a65010 d4c2888e c7443694 6682e655 aac8841b
d5c826d2
[2.224162] bae0 7a13a801 a42c660a 59f87952 505b8780 363b4280 4da15b41 15412fd0

0f178209

[2.224885] bb00 44d79d09 b9201f84 9fcd0308 f092a80c 8c2ada85 18a10762 299a0cbe 842cf10b

[2.225607] bb20 30670525 61353330 38633738 7d46b763 cef0d779 00503310 17000000 56374119

[2.226330] bb40 00000000 00000016 00000000 00000000 00000000 00000000 00000000 00000000

[2.227052] bb60 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000

[2.227774] bb80 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000

[2.228495] bba0 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000

[2.229218] bbc0 00000000 ff000000 ede02900 ad9a46c2 0a70bc00 fffffffc0 089b1f34 fffffffc0

[2.229940] bbe0 00f73010 fffffff81 00000000 00000000 0a436d70 fffffffc0 0a692378 fffffffc0

[2.230663] bc00 0a70bc30 fffffffc0 089b22d0 fffffffc0 00f73010 fffffff81 0a436d70 fffffffc0

[2.231385] bc20 00f73010 fffffff81 0a692378 fffffffc0 0a70bc60 fffffffc0 089b23f0 fffffffc0

[2.232109]

[2.232109] X7: 0xffffffff00a70ba30:

[2.232546] b830 20400009 00000000 0a605000 fffffffc0 0a70b900 fffffffc0 09394188 fffffffc0

[2.233269] b850 00f73010 fffffff81 0a70b9d8 fffffffc0 0a70b880 fffffffc0 08030dd8 fffffffc0

[2.233992] b870 0a605000 fffffffc0 0a605000 fffffffc0 0a70b8b0 fffffffc0 093bb838 fffffffc0

[2.234714] b890 0a70b8f0 fffffffc0 96000045 00000000 00000000 00000000 08700e9c fffffffc0

[2.235437] b8b0 0a70b8e0 fffffffc0 093bc940 fffffffc0 00000204 00000000 0a70bbc5 fffffffc0

[2.236159] b8d0 0a70ba40 fffffffc0 0a70bb23 fffffffc0 0a70ba20 fffffffc0 080112e0 fffffffc0

[2.236881] b8f0 00000000 00000000 ffffffff 00000000 00000000 00000000 00000040 00000000

[2.237602] b910 00000007 00000000 00000007 00000000 00000010 00000000 0a70ba30 fffffffc0

[2.238324] b930 00000003 00000000 0a3ed520 fffffffc0 000000b0 00000000 00000007 00000000

[2.239047] b950 00000003 00000000 00000010 00000000 ffffffff ffffffff ffffffff ffffffff

[2.239769] b970 33203a09 37386135 34633863 39663739 00000030 00000000 00000204 00000000

[2.240491] b990 0a70bbc5 fffffffc0 0a70bbc7 fffffffc0 09908d50 fffffffc0 0a605000 fffffffc0

[2.241214] b9b0 0a605000 fffffffc0 0a70bbc7 fffffffc0 0989b9a8 fffffffc0 09af00c8 fffffffc0

[2.241936] b9d0 00000000 00000000 0a70ba40 fffffffc0 08700e64 fffffffc0 0a70ba40 fffffffc0

[2.242659] b9f0 08700e9c fffffffc0 20400009 00000000 534c2d71 00000000 0a70bb2d fffffffc0

[2.243381] ba10 00000002 0000000b 2d718d50 bd7e534c 0a70ba40 fffffffc0 08700e9c fffffffc0

[2.244103] ba30* 1d57bd7e 534c2d71 00000000 00000000 0a70bbd0 fffffffc0 089b533c fffffffc0

[2.244825] ba50 00000000 00000000 00f73010 fffffff81 0a436d70 fffffffc0 00000000
00000000
[2.245547] ba70 00000000 00000000 01358568 fffffff81 00000004 00000000 09bc6050
ffffffc0
[2.246270] ba90 0a70bb00 fffffffc0 086ef710 fffffffc0 0a70bae0 fffffffc0 08f0089c 00000000
[2.246992] bab0 00000010 00000000 fdd348c0 fffffffd 408bdc10 53666e3c b4a65010
d4c2888e
[2.247715] bad0 c7443694 6682e655 aac8841b d5c826d2 7a13a801 a42c660a 59f87952
505b8780
[2.248436] baf0 363b4280 4da15b41 15412fd0 0f178209 44d79d09 b9201f84 9fcd0308
f092a80c
[2.249158] bb10 8c2ada85 18a10762 299a0cbe 842cf10b 30670525 61353330 38633738
7d46b763
[2.249881] bb30 cef0d779 00503310 17000000 56374119 00000000 00000016 00000000
00000000
[2.250603] bb50 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.251325] bb70 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.252047] bb90 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.252769] bbb0 00000000 00000000 00000000 00000000 00000000 ff000000 ede02900
ad9a46c2
[2.253491] bbd0 0a70bc00 fffffffc0 089b1f34 fffffffc0 00f73010 fffffff81 00000000
00000000
[2.254213] bbf0 0a436d70 fffffffc0 0a692378 fffffffc0 0a70bc30 fffffffc0 089b22d0 fffffffc0
[2.254936] bc10 00f73010 fffffff81 0a436d70 fffffffc0 00f73010 fffffff81 0a692378 fffffffc0
[2.255659]
[2.255659] X9: 0xffffffff00a3ed520:
[2.256096] d320 0e09000a 050f0306 070c0d01 0802040b 0900070d 0a060403 0e050802
010f0b0c
[2.256817] d340 0904060d 00030f08 0c02010b 070e0a05 000d0a01 07080906 030e0f04
0c02050b
[2.257540] d360 030e0d07 0a090600 05080201 0f040c0b 050b080d 03000f06 0c020704
090e0a01
[2.258262] d380 0009060a 0d070b0c 0e03010f 04080205 06000f03 080d010a 0b050409
0e02070c
[2.258984] d3a0 01040c02 060b0a07 0f030508 090e000d 0c020b0e 010d0704 0a0f0005
06080903
[2.259707] d3c0 0b010204 08070d0a 050c090f 0e000306 070c080b 0d020e01 09000f06
0305040a
[2.260429] d3e0 0f0a010c 08060209 04030d00 0b05070e 02040f0a 05090c07 0e0d0106
08030b00
[2.261151] d400 050f0e09 030c0802 0a040007 060b0d01 0c020304 0a0f0509 07010e0b
0d080006
[2.261873] d420 0e020b04 0d08000f 07090c03 01060a05 070b000d 0a010904 0c05030e
06080f02
[2.262595] d440 0d0b0401 0e07030c 08060f0a 02090500 080d0b06 070a0401 0f000509
0c03020e

[2.263318] d460 0408020d 010b0f06 0e03090a 070c0005 080d0f01 0407030a 0b06050c
02090e00
[2.264040] d480 01040b07 020e0c09 0d0a0600 0805030f 070e0102 0d080a04 00090c0f
0b060503
[2.264762] d4a0 00000010 00000007 00000014 00000015 0000001d 0000000c 0000001c
00000011
[2.265484] d4c0 00000001 0000000f 00000017 0000001a 00000005 00000012 0000001f
0000000a
[2.266207] d4e0 00000002 00000008 00000018 0000000e 00000020 0000001b 00000003
00000009
[2.266929] d500 00000013 0000000d 0000001e 00000006 00000016 0000000b 00000004
00000019
[2.267651] d520* 00000028 00000008 00000030 00000010 00000038 00000018 00000040
00000020
[2.268374] d540 00000027 00000007 0000002f 0000000f 00000037 00000017 0000003f
0000001f
[2.269096] d560 00000026 00000006 0000002e 0000000e 00000036 00000016 0000003e
0000001e
[2.269818] d580 00000025 00000005 0000002d 0000000d 00000035 00000015 0000003d
0000001d
[2.270541] d5a0 00000024 00000004 0000002c 0000000c 00000034 00000014 0000003c
0000001c
[2.271263] d5c0 00000023 00000003 0000002b 0000000b 00000033 00000013 0000003b
0000001b
[2.271986] d5e0 00000022 00000002 0000002a 0000000a 00000032 00000012 0000003a
0000001a
[2.272708] d600 00000021 00000001 00000029 00000009 00000031 00000011 00000039
00000019
[2.273430] d620 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.274152] d640 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.274874] d660 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.275597] d680 007de600 ffffff81 007de800 ffffff81 0a3ed690 ffffffc0 0a3ed690 ffffffc0
[2.276319] d6a0 00000001 00000010 000010a0 00000000 00000064 00000002 666f7774
00687369
[2.277041] d6c0 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.277764] d6e0 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.278485] d700 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.279209]
[2.279209] X20: 0xfffffc00a70bbc5:
[2.279657] b9c4 ffffffc0 09af00c8 ffffffc0 00000000 00000000 0a70ba40 ffffffc0 08700e64
[2.280380] b9e4 ffffffc0 0a70ba40 ffffffc0 08700e9c ffffffc0 20400009 00000000
534c2d71
[2.281102] ba04 00000000 0a70bb2d ffffffc0 00000002 0000000b 2d718d50 bd7e534c

0a70ba40
[2.281825] ba24 fffffffc0 08700e9c fffffffc0 1d57bd7e 534c2d71 00000000 00000000
0a70bbd0
[2.282547] ba44 fffffffc0 089b533c fffffffc0 00000000 00000000 00f73010 fffffff81
0a436d70
[2.283270] ba64 fffffffc0 00000000 00000000 00000000 00000000 01358568 fffffff81
00000004
[2.283992] ba84 00000000 09bc6050 fffffffc0 0a70bb00 fffffffc0 086ef710 fffffffc0
0a70bae0
[2.284715] baa4 fffffffc0 08f0089c 00000000 00000010 00000000 fdd348c0 fffffffd
408bdc10
[2.285437] bac4 53666e3c b4a65010 d4c2888e c7443694 6682e655 aac8841b d5c826d2
7a13a801
[2.286159] bae4 a42c660a 59f87952 505b8780 363b4280 4da15b41 15412fd0 0f178209
44d79d09
[2.286881] bb04 b9201f84 9fcd0308 f092a80c 8c2ada85 18a10762 299a0cbe 842cf10b
30670525
[2.287604] bb24 61353330 38633738 7d46b763 cef0d779 00503310 17000000 56374119
00000000
[2.288326] bb44 00000016 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.289048] bb64 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.289770] bb84 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.290492] bba4 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.291214] bbc4* ff000000 ede02900 ad9a46c2 0a70bc00 fffffffc0 089b1f34 fffffffc0
00f73010
[2.291937] bbe4 fffffff81 00000000 00000000 0a436d70 fffffffc0 0a692378 fffffffc0
0a70bc30
[2.292659] bc04 fffffffc0 089b22d0 fffffffc0 00f73010 fffffff81 0a436d70 fffffffc0 00f73010
[2.293381] bc24 fffffff81 0a692378 fffffffc0 0a70bc60 fffffffc0 089b23f0 fffffffc0 0a692000
[2.294104] bc44 fffffffc0 0a436d70 fffffffc0 005e8000 fffffff81 0a436d70 fffffffc0 0a70bca0
[2.294826] bc64 fffffffc0 089b2d8c fffffffc0 00f73010 fffffff81 0a436d70 fffffffc0 00f73090
[2.295548] bc84 fffffff81 0a479138 fffffffc0 0a478b88 fffffffc0 0a436d70 fffffffc0 0a70bcd0
[2.296271] bca4 fffffffc0 089af774 fffffffc0 00000000 00000000 0a436d70 fffffffc0 089b2ca0
[2.296993] bcc4 fffffffc0 01358568 fffffff81 0a70bd20 fffffffc0 089b1868 fffffffc0 0a436d70
[2.297716] bce4 fffffffc0 01358500 fffffff81 00000000 00000000 0a70bd10 fffffffc0 fffffffe0
[2.298439] bd04 00000000 007c82a0 fffffff81 00f16268 fffffff81 ede02900 ad9a46c2
0a70bd30
[2.299161] bd24 fffffffc0 089b10b8 fffffffc0 0a70bd70 fffffffc0 089b3c6c fffffffc0 0a436d70
[2.299883] bd44 fffffffc0 00000000 00000000 007c8800 fffffff81 00000000 00000000
09adae48
[2.300606] bd64 fffffffc0 09cb694c fffffffc0 0a70bd90 fffffffc0 089b501c fffffffc0 09b15f50
[2.301328] bd84 fffffffc0 09bc6090 fffffffc0 0a70bda0 fffffffc0 09b15f70 fffffffc0 0a70bdb0
[2.302050] bda4 fffffffc0 08014c28 fffffffc0 0a70be30 fffffffc0 09af1218 fffffffc0 000001ea
[2.302772] bdc4 00000000 09bc6090 fffffffc0 007c8800 fffffff81 0a605000 fffffffc0
00000004

[2.303495]
[2.303495] X21: 0xffffffff00a70bbc7:
[2.303943] b9c4 fffffffc0 09af00c8 fffffffc0 00000000 00000000 0a70ba40 fffffffc0 08700e64
[2.304665] b9e4 fffffffc0 0a70ba40 fffffffc0 08700e9c fffffffc0 20400009 00000000
534c2d71
[2.305388] ba04 00000000 0a70bb2d fffffffc0 00000002 0000000b 2d718d50 bd7e534c
0a70ba40
[2.306110] ba24 fffffffc0 08700e9c fffffffc0 1d57bd7e 534c2d71 00000000 00000000
0a70bbd0
[2.306832] ba44 fffffffc0 089b533c fffffffc0 00000000 00000000 00f73010 ffffff81
0a436d70
[2.307554] ba64 fffffffc0 00000000 00000000 00000000 00000000 01358568 ffffff81
00000004
[2.308276] ba84 00000000 09bc6050 fffffffc0 0a70bb00 fffffffc0 086ef710 fffffffc0
0a70bae0
[2.308999] baa4 fffffffc0 08f0089c 00000000 00000010 00000000 fdd348c0 fffffffd
408bdc10
[2.309721] bac4 53666e3c b4a65010 d4c2888e c7443694 6682e655 aac8841b d5c826d2
7a13a801
[2.310443] bae4 a42c660a 59f87952 505b8780 363b4280 4da15b41 15412fd0 0f178209
44d79d09
[2.311165] bb04 b9201f84 9fcd0308 f092a80c 8c2ada85 18a10762 299a0cbe 842cf10b
30670525
[2.311888] bb24 61353330 38633738 7d46b763 cef0d779 00503310 17000000 56374119
00000000
[2.312610] bb44 00000016 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.313332] bb64 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.314054] bb84 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.314776] bba4 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.315498] bbc4* ff000000 ede02900 ad9a46c2 0a70bc00 fffffffc0 089b1f34 fffffffc0
00f73010
[2.316221] bbe4 ffffff81 00000000 00000000 0a436d70 fffffffc0 0a692378 fffffffc0
0a70bc30
[2.316943] bc04 fffffffc0 089b22d0 fffffffc0 00f73010 ffffff81 0a436d70 fffffffc0 00f73010
[2.317665] bc24 ffffff81 0a692378 fffffffc0 0a70bc60 fffffffc0 089b23f0 fffffffc0 0a692000
[2.318387] bc44 fffffffc0 0a436d70 fffffffc0 005e8000 ffffff81 0a436d70 fffffffc0 0a70bca0
[2.319110] bc64 fffffffc0 089b2d8c fffffffc0 00f73010 ffffff81 0a436d70 fffffffc0 00f73090
[2.319832] bc84 ffffff81 0a479138 fffffffc0 0a478b88 fffffffc0 0a436d70 fffffffc0 0a70bcd0
[2.320554] bca4 fffffffc0 089af774 fffffffc0 00000000 00000000 0a436d70 fffffffc0 089b2ca0
[2.321276] bcc4 fffffffc0 01358568 ffffff81 0a70bd20 fffffffc0 089b1868 fffffffc0 0a436d70
[2.321998] bce4 fffffffc0 01358500 ffffff81 00000000 00000000 0a70bd10 fffffffc0 ffffffe0
[2.322720] bd04 00000000 007c82a0 ffffff81 00f16268 ffffff81 ede02900 ad9a46c2
0a70bd30
[2.323443] bd24 fffffffc0 089b10b8 fffffffc0 0a70bd70 fffffffc0 089b3c6c fffffffc0 0a436d70
[2.324164] bd44 fffffffc0 00000000 00000000 007c8800 ffffff81 00000000 00000000

09adae48

[2.324886] bd64 fffffffc0 09cb694c fffffffc0 0a70bd90 fffffffc0 089b501c fffffffc0 09b15f50
[2.325609] bd84 fffffffc0 09bc6090 fffffffc0 0a70bda0 fffffffc0 09b15f70 fffffffc0 0a70bdb0
[2.326331] bda4 fffffffc0 08014c28 fffffffc0 0a70be30 fffffffc0 09af1218 fffffffc0 000001ea
[2.327053] bdc4 00000000 09bc6090 fffffffc0 007c8800 ffffff81 0a605000 fffffffc0
00000004
[2.327776]
[2.327776] X22: 0xffffffff009908d50:
[2.328224] 8b50 69726420 73726576 7570672f 6d72612f 64696d2f 64726167 6361622f
646e656b
[2.328947] 8b70 7570672f 6c616d2f 626b5f69 5f657361 69766564 685f6563 20632e77
656e696c
[2.329669] 8b90 3531203a 00000036 636b3301 3d207874 554e203d 7c204c4c 636b207c
3e2d7874
[2.330391] 8bb0 6e5f7361 3d212072 41424b20 5f504553 4e5f5341 4e495f52 494c4156
00000044
[2.331113] 8bd0 66206e49 3a656c69 69726420 73726576 7570672f 6d72612f 64696d2f
64726167
[2.331835] 8bf0 6361622f 646e656b 7570672f 6c616d2f 626b5f69 5f657361 69766564
685f6563
[2.332557] 8c10 20632e77 656e696c 3531203a 00000037 626b3301 2d766564 7665643e
203d2120
[2.333280] 8c30 4c4c554e 00000000 72203a77 25206765 20783430 206c6176 78383025
00000000
[2.334002] 8c50 66206e49 3a656c69 69726420 73726576 7570672f 6d72612f 64696d2f
64726167
[2.334724] 8c70 6361622f 646e656b 7570672f 6c616d2f 626b5f69 5f657361 69766564
685f6563
[2.335446] 8c90 20632e77 656e696c 3731203a 00000039 66206e49 3a656c69 69726420
73726576
[2.336168] 8cb0 7570672f 6d72612f 64696d2f 64726167 6361622f 646e656b 7570672f
6c616d2f
[2.336890] 8cd0 626b5f69 5f657361 69766564 685f6563 20632e77 656e696c 3831203a
00000030
[2.337612] 8cf0 66206e49 3a656c69 69726420 73726576 7570672f 6d72612f 64696d2f
64726167
[2.338335] 8d10 6361622f 646e656b 7570672f 6c616d2f 626b5f69 5f657361 69766564
685f6563
[2.339057] 8d30 20632e77 656e696c 3831203a 00000031 72203a72 25206765 20783430
206c6176
[2.339780] 8d50* 78383025 00000000 20555047 6c756146 78302074 78383025 73252820
74612029
[2.340502] 8d70 25783020 6c363130 0000786c 00000000 72656854 65772065 6d206572
69746c75
[2.341224] 8d90 20656c70 20555047 6c756166 2d207374 6d6f7320 61682065 6e206576
6220746f
[2.341947] 8db0 206e6565 6f706572 64657472 0000000a 76697264 2f737265 2f757067
2f6d7261
[2.342668] 8dd0 6764696d 2f647261 6b636162 2f646e65 2f757067 696c616d 61626b5f

645f6573

[2.343391] 8df0 63697665 77685f65 6400632e 65766972 672f7372 612f7570 6d2f6d72 61676469

[2.344113] 8e10 622f6472 656b6361 672f646e 6d2f7570 5f696c61 7361626b 65645f65 65636976

[2.344835] 8e30 2e77685f 00000063 65746e49 70757272 73612074 6d676973 20746e65 63656863

[2.345557] 8e50 6166206b 64656c69 00000a2e 00000000 64626b26 3e2d7665 63617768 73736563

[2.346280] 8e70 6361622e 646e656b 7365722e 775f7465 00746961 00000000 7361626b 6f6a5f65

[2.347001] 8e90 61665f62 5f746c75 5f676572 70616e73 746f6873 696e695f 64253a74 0000000a

[2.347724] 8eb0 76697264 2f737265 2f757067 2f6d7261 6764696d 2f647261 6b636162 2f646e65

[2.348446] 8ed0 2f757067 696c616d 61626b5f 645f6573 67756265 626f6a5f 7561665f 625f746c

[2.349168] 8ef0 656b6361 632e646e 69726400 73726576 7570672f 6d72612f 64696d2f 64726167

[2.349890] 8f10 6361622f 646e656b 7570672f 6c616d2f 626b5f69 5f657361 75626564 6f6a5f67

[2.350613] 8f30 61665f62 5f746c75 6b636162 2e646e65 00000063 00000000 203a7325 20717269

[2.351335]

[2.351335] X23: 0xffffffc00a605000:

[2.351783] 4e00 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000

[2.352506] 4e20 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000

[2.353228] 4e40 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000

[2.353949] 4e60 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000

[2.354671] 4e80 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000

[2.355394] 4ea0 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000

[2.356115] 4ec0 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000

[2.356837] 4ee0 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000

[2.357559] 4f00 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000

[2.358281] 4f20 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000

[2.359003] 4f40 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000

[2.359726] 4f60 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000

[2.360448] 4f80 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.361169] 4fa0 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.361891] 4fc0 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.362613] 4fe0 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.363335] 5000* 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.364057] 5020 fde9b780 ffffff84 fde9b600 ffffff84 00000000 00000000 00000000
00000000
[2.364779] 5040 00000001 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.365501] 5060 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.366222] 5080 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.366944] 50a0 00000001 00000000 00017700 00000000 00000000 00000000 00000000
00000000
[2.367666] 50c0 08ed0760 ffffffc0 fde9b900 ffffff84 00000005 00000000 00000700
00000000
[2.368388] 50e0 00000000 00000008 0000000d 0000001d 00000003 00000000 00000000
00000000
[2.369110] 5100 00000001 00000001 00000000 00000000 00000001 00000000 497f917f
35a87c8c
[2.369832] 5120 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.370554] 5140 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.371276] 5160 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.371999] 5180 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.372721] 51a0 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.373443] 51c0 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.374165] 51e0 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.374888]
[2.374888] X24: 0xfffffc00a605000:
[2.375336] 4e00 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.376057] 4e20 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.376779] 4e40 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.377501] 4e60 00000000 00000000 00000000 00000000 00000000 00000000 00000000

00000000
[2.378223] 4e80 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.378945] 4ea0 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.379667] 4ec0 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.380389] 4ee0 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.381111] 4f00 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.381833] 4f20 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.382555] 4f40 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.383277] 4f60 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.383999] 4f80 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.384721] 4fa0 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.385443] 4fc0 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.386165] 4fe0 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.386887] 5000* 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.387609] 5020 fde9b780 ffffff84 fde9b600 ffffff84 00000000 00000000 00000000
00000000
[2.388331] 5040 00000001 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.389054] 5060 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.389776] 5080 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.390499] 50a0 00000001 00000000 00017700 00000000 00000000 00000000 00000000
00000000
[2.391220] 50c0 08ed0760 ffffffc0 fde9b900 ffffff84 00000005 00000000 00000700
00000000
[2.391943] 50e0 00000000 00000008 0000000d 0000001d 00000003 00000000 00000000
00000000
[2.392665] 5100 00000001 00000001 00000000 00000000 00000001 00000000 497f917f
35a87c8c
[2.393387] 5120 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.394109] 5140 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.394831] 5160 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000

[2.395553] 5180 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.396275] 51a0 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.396997] 51c0 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.397719] 51e0 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.398441]
[2.398441] X25: 0xffffffff00a70bbc7:
[2.398889] b9c4 fffffffc0 09af00c8 fffffffc0 00000000 00000000 0a70ba40 fffffffc0 08700e64
[2.399612] b9e4 fffffffc0 0a70ba40 fffffffc0 08700e9c fffffffc0 20400009 00000000
534c2d71
[2.400334] ba04 00000000 0a70bb2d fffffffc0 00000002 0000000b 2d718d50 bd7e534c
0a70ba40
[2.401057] ba24 fffffffc0 08700e9c fffffffc0 1d57bd7e 534c2d71 00000000 00000000
0a70bbd0
[2.401779] ba44 fffffffc0 089b533c fffffffc0 00000000 00000000 00f73010 ffffff81
0a436d70
[2.402501] ba64 fffffffc0 00000000 00000000 00000000 00000000 01358568 ffffff81
00000004
[2.403223] ba84 00000000 09bc6050 fffffffc0 0a70bb00 fffffffc0 086ef710 fffffffc0
0a70bae0
[2.403946] baa4 fffffffc0 08f0089c 00000000 00000010 00000000 fdd348c0 ffffffff
408bdc10
[2.404668] bac4 53666e3c b4a65010 d4c2888e c7443694 6682e655 aac8841b d5c826d2
7a13a801
[2.405390] bae4 a42c660a 59f87952 505b8780 363b4280 4da15b41 15412fd0 0f178209
44d79d09
[2.406113] bb04 b9201f84 9fcd0308 f092a80c 8c2ada85 18a10762 299a0cbe 842cf10b
30670525
[2.406835] bb24 61353330 38633738 7d46b763 cef0d779 00503310 17000000 56374119
00000000
[2.407557] bb44 00000016 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.408279] bb64 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.409002] bb84 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.409723] bba4 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.410446] bbc4* ff000000 ede02900 ad9a46c2 0a70bc00 fffffffc0 089b1f34 fffffffc0
00f73010
[2.411168] bbe4 ffffff81 00000000 00000000 0a436d70 fffffffc0 0a692378 fffffffc0
0a70bc30
[2.411891] bc04 fffffffc0 089b22d0 fffffffc0 00f73010 ffffff81 0a436d70 fffffffc0 00f73010
[2.412613] bc24 ffffff81 0a692378 fffffffc0 0a70bc60 fffffffc0 089b23f0 fffffffc0 0a692000
[2.413335] bc44 fffffffc0 0a436d70 fffffffc0 005e8000 ffffff81 0a436d70 fffffffc0 0a70bca0
[2.414058] bc64 fffffffc0 089b2d8c fffffffc0 00f73010 ffffff81 0a436d70 fffffffc0 00f73090

[2.414780] bc84 ffffff81 0a479138 ffffffc0 0a478b88 ffffffc0 0a436d70 ffffffc0 0a70bcd0
[2.415503] bca4 ffffffc0 089af774 ffffffc0 00000000 00000000 0a436d70 ffffffc0 089b2ca0
[2.416225] bcc4 ffffffc0 01358568 ffffff81 0a70bd20 ffffffc0 089b1868 ffffffc0 0a436d70
[2.416947] bce4 ffffffc0 01358500 ffffff81 00000000 00000000 0a70bd10 ffffffc0 fffffe0
[2.417670] bd04 00000000 007c82a0 ffffff81 00f16268 ffffff81 ede02900 ad9a46c2
0a70bd30
[2.418393] bd24 ffffffc0 089b10b8 ffffffc0 0a70bd70 ffffffc0 089b3c6c ffffffc0 0a436d70
[2.419115] bd44 ffffffc0 00000000 00000000 007c8800 ffffff81 00000000 00000000
09adae48
[2.419837] bd64 ffffffc0 09cb694c ffffffc0 0a70bd90 ffffffc0 089b501c ffffffc0 09b15f50
[2.420559] bd84 ffffffc0 09bc6090 ffffffc0 0a70bda0 ffffffc0 09b15f70 ffffffc0 0a70bdb0
[2.421282] bda4 ffffffc0 08014c28 ffffffc0 0a70be30 ffffffc0 09af1218 ffffffc0 000001ea
[2.422004] bdc4 00000000 09bc6090 ffffffc0 007c8800 ffffff81 0a605000 ffffffc0
00000004
[2.422727]
[2.422727] X26: 0xfffffc00989b9a8:
[2.423175] b7a8 6e206669 73656365 79726173 7375202c 70222065 703d6963 5f656963
5f737562
[2.423897] b7c8 65666173 6e612022 65722064 74726f70 62206120 000a6775 74737055
6d616572
[2.424620] b7e8 69726220 27656764 614d2073 61502078 616f6c79 69532064 7320657a
74207465
[2.425342] b808 6425206f 61772820 64252073 616d202c 64252078 00000a29 2078614d
6c796150
[2.426065] b828 2064616f 657a6953 74657320 206f7420 28206425 20736177 202c6425
2078616d
[2.426787] b848 0a296425 00000000 616c6552 20646578 6564724f 676e6972 73696420
656c6261
[2.427510] b868 65622064 73756163 68742065 6f522065 5020746f 2074726f 6e646964
73207427
[2.428232] b888 6f707075 69207472 00000a74 00000000 6c69616a 73756f68 65632c65
00006c6c
[2.428954] b8a8 65747865 6465646e 6e6f6320 20676966 63617073 6f6e2065 63612074
73736563
[2.429677] b8c8 656c6269 0000000a 6c696166 74206465 6461206f 75622064 25203a73
00000a64
[2.430399] b8e8 616d6f64 00206e69 6e737562 7365725f 6163203a 6f6e206e 6e692074
74726573
[2.431121] b908 52702520 646e7520 25207265 52702573 6f632820 696c666e 20737463
68746977
[2.431843] b928 20732520 29527025 0000000a 00000000 75622820 64612073 73657264
255b2073
[2.432565] b948 6c363023 252d786c 6c363023 295d786c 00000000 00000000 75622820
64612073
[2.433287] b968 73657264 255b2073 30313023 2d786c6c 31302325 786c6c30 0000295d
00000000
[2.434009] b988 20737562 65726c61 20796461 776f6e6b 00000a6e 00000000 25696370
3a783430
[2.434732] b9a8* 78323025 00000000 20494350 74736f68 69726220 20656764 62206f74

25207375

[2.435455] b9c8 00000a73 00000000 43503601 6f682049 62207473 67646972 6f742065
73756220

[2.436177] b9e8 0a732520 00000000 746f6f72 73756220 73657220 6372756f 70252065
0a732552

[2.436899] ba08 00000000 00000000 206e6163 20746f6e 00006562 00000000 6e737562
7365725f

[2.437621] ba28 7025203a 6e652052 73252064 64707520 64657461 206f7420 78323025
0000000a

[2.438344] ba48 20494350 20737542 78343025 3230253a 00000078 00000000 20494350
64726143

[2.439065] ba68 20737542 78343025 3230253a 00000078 6e616373 676e696e 75625b20
30252073

[2.439788] ba88 252d7832 5d783230 68656220 20646e69 64697262 202c6567 73736170
0a642520

[2.440511] baa8 00000000 00000000 6d697250 20797261 20737562 68207369 20647261
65726977

[2.441233] bac8 6f742064 000a3020 64697262 63206567 69666e6f 61727567 6e6f6974
766e6920

[2.441955] bae8 64696c61 625b2820 25207375 2d783230 78323025 202c295d 6f636572
6769666e

[2.442677] bb08 6e697275 00000a67 64697262 68206567 73207361 726f6275 616e6964
25206574

[2.443399] bb28 20783230 20747562 2078616d 6e737562 32302520 00000a78 69766564
20736563

[2.444121] bb48 69686562 6220646e 67646972 72612065 6e752065 62617375 6220656c
75616365

[2.444844] bb68 25206573 63205270 6f6e6e61 65622074 73736120 656e6769 6f662064
68742072

[2.445565] bb88 000a6d65 00000000 6e616373 676e696e 73756220 0000000a 75786966
66207370

[2.446288]

[2.446288] X27: 0xfffffc009af00c8:

[2.446736] fec8 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000

[2.447458] fee8 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000

[2.448180] ff08 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000

[2.448902] ff28 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000

[2.449624] ff48 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000

[2.450346] ff68 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000

[2.451068] ff88 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000

[2.451791] ffa8 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000

[2.452512] ffc8 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.453234] ffe8 00000000 00000000 00000000 00000000 00000000 00000000 aa1e03e9
d503201f
[2.453956] 0008 b00058a1 52800020 b9000020 d65f03c0 aa1e03e9 d503201f f0003c01
52800142
[2.454679] 0028 52800000 b905e022 d65f03c0 aa1e03e9 d503201f f0003c01 52800082
52800000
[2.455402] 0048 b905e022 d65f03c0 aa1e03e9 d503201f a9bf7bfd b00058a3 f0003b61
910003fd
[2.456124] 0068 91220021 d2801f02 f9000460 91002020 52800001 97e194b1 52800020
a8c17bfd
[2.456846] 0088 d65f03c0 aa1e03e9 d503201f a9bf7bfd aa0003e4 f0003b63 91220063
910003fd
[2.457568] 00a8 91002060 d2801f02 52800001 f9008864 97e194a2 52800020 a8c17bfd
d65f03c0
[2.458291] 00c8* aa1e03e9 d503201f 52800000 d65f03c0 aa1e03e9 d503201f a9bc7bfd
910003fd
[2.459013] 00e8 a90153f3 b0000e33 aa0003f4 91138273 a9025bf5 d0ffe9f6 d0ffe9f5
913342d6
[2.459736] 0108 9132e2b5 a90363f7 d0000e37 aa0103f8 911462f7 eb17027f 54000382
b9401260
[2.460457] 0128 350000c0 aa1503e1 aa1403e0 97e194ef 340001e0 14000013 f9400261
aa1403e0
[2.461179] 0148 9795f9fa 72001c1f 54fffee0 f9400661 aa1803e0 d63f0020 34000140
aa1403e1
[2.461901] 0168 aa1603e0 97e23e75 14000006 f9400260 d0ffe9e1 91330021 97e194dc
34fffe80
[2.462624] 0188 91006273 17ffffe4 52800000 a94153f3 a9425bf5 a94363f7 a8c47bfd
d65f03c0
[2.463346] 01a8 aa1e03e9 d503201f a9bf7bfd d0ffe9e0 9133c000 910003fd 97e23e60
52800000
[2.464069] 01c8 a8c17bfd d65f03c0 aa1e03e9 d503201f a9be7bfd 910003fd f9000bf3
aa0003f3
[2.464791] 01e8 b4000400 d0ffe9e1 91354021 97e194bf 350000e0 d0fff922 d0fff921
52800020
[2.465513] 0208 392d0040 3914e020 1400001a b0fff421 aa1303e0 91328021 97e194b4
350000c0
[2.466236] 0228 d0fff921 d0fff920 392d003f 3914e01f 14000010 d0ffee61 aa1303e0
912aa021
[2.466958] 0248 97e194aa 350000e0 d0fff920 d0fff922 52800021 392d005f 3914e001
14000005
[2.467681] 0268 d0ffe9e0 aa1303e1 91356000 97e23e33 52800000 f9400bf3 a8c27bfd
d65f03c0
[2.468402] 0288 aa1e03e9 d503201f b40003e1 a9be7bfd 910003fd a90153f3 aa0103f3
aa0003f4
[2.469125] 02a8 97e194e2 91000401 8b010281 eb01027f 54000081 528007a0 381ff260
1400000f
[2.469848]

[2.469848] X29: 0xffffffff00a70ba40:
[2.470296] b840 0a70b900 ffffffff 09394188 ffffffff 00f73010 ffffff81 0a70b9d8 ffffffff
[2.471018] b860 0a70b880 ffffffff 08030dd8 ffffffff 0a605000 ffffffff 0a605000 ffffffff
[2.471741] b880 0a70b8b0 ffffffff 093bb838 ffffffff 0a70b8f0 ffffffff 96000045
00000000
[2.472463] b8a0 00000000 00000000 08700e9c ffffffff 0a70b8e0 ffffffff 093bc940
fffffff0
[2.473186] b8c0 00000204 00000000 0a70bbc5 ffffffff 0a70ba40 ffffffff 0a70bb23
fffffff0
[2.473908] b8e0 0a70ba20 ffffffff 080112e0 ffffffff 00000000 00000000 ffffffff 00000000
[2.474631] b900 00000000 00000000 00000040 00000000 00000007 00000000 00000007
00000000
[2.475353] b920 00000010 00000000 0a70ba30 ffffffff 00000003 00000000 0a3ed520
fffffff0
[2.476076] b940 000000b0 00000000 00000007 00000000 00000003 00000000 00000010
00000000
[2.476798] b960 ffffffff ffffffff ffffffff ffffffff 33203a09 37386135 34633863 39663739
[2.477520] b980 00000030 00000000 00000204 00000000 0a70bbc5 ffffffff 0a70bbc7
fffffff0
[2.478242] b9a0 09908d50 ffffffff 0a605000 ffffffff 0a605000 ffffffff 0a70bbc7 ffffffff
[2.478965] b9c0 0989b9a8 ffffffff 09af00c8 ffffffff 00000000 00000000 0a70ba40 ffffffff
[2.479686] b9e0 08700e64 ffffffff 0a70ba40 ffffffff 08700e9c ffffffff 20400009
00000000
[2.480408] ba00 534c2d71 00000000 0a70bb2d ffffffff 00000002 0000000b 2d718d50
bd7e534c
[2.481130] ba20 0a70ba40 ffffffff 08700e9c ffffffff 1d57bd7e 534c2d71 00000000
00000000
[2.481853] ba40* 0a70bbd0 ffffffff 089b533c ffffffff 00000000 00000000 00f73010
fffffff81
[2.482575] ba60 0a436d70 ffffffff 00000000 00000000 00000000 00000000 01358568
fffffff81
[2.483298] ba80 00000004 00000000 09bc6050 ffffffff 0a70bb00 ffffffff 086ef710
fffffff0
[2.484020] baa0 0a70bae0 ffffffff 08f0089c 00000000 00000010 00000000 fdd348c0
fffffffd
[2.484743] bac0 408bdc10 53666e3c b4a65010 d4c2888e c7443694 6682e655 aac8841b
d5c826d2
[2.485465] bae0 7a13a801 a42c660a 59f87952 505b8780 363b4280 4da15b41 15412fd0
0f178209
[2.486187] bb00 44d79d09 b9201f84 9fcd0308 f092a80c 8c2ada85 18a10762 299a0cbe
842cf10b
[2.486910] bb20 30670525 61353330 38633738 7d46b763 cef0d779 00503310 17000000
56374119
[2.487631] bb40 00000000 00000016 00000000 00000000 00000000 00000000 00000000
00000000
[2.488353] bb60 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[2.489075] bb80 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000

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[ 2.489797] bba0 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000
[ 2.490519] bbc0 00000000 ff000000 ede02900 ad9a46c2 0a70bc00 fffffffc0 089b1f34
ffffffc0
[ 2.491241] bbe0 00f73010 fffffff81 00000000 00000000 0a436d70 fffffffc0 0a692378
ffffffc0
[ 2.491964] bc00 0a70bc30 fffffffc0 089b22d0 fffffffc0 00f73010 fffffff81 0a436d70 fffffffc0
[ 2.492685] bc20 00f73010 fffffff81 0a692378 fffffffc0 0a70bc60 fffffffc0 089b23f0 fffffffc0
[ 2.493409] Code: 71014c1f 540000a0 d2800000 12800001 (b9000001)
[ 2.493948] ---[ end trace 0000000000000000 ]---
[ 2.495231] Kernel panic - not syncing: Attempted to kill init! exitcode=0x0000000b
[ 2.495902] SMP: stopping secondary CPUs
[ 2.496252] CPU5: stopping
[ 2.496252] CPU7: stopping
[ 2.496252] CPU6: stopping
[ 2.496252] CPU0: stopping
[ 2.496252] CPU2: stopping
[ 2.496252] CPU1: stopping
[ 2.496253] CPU3: stopping
[ 2.496255] CPU: 7 PID: 0 Comm: swapper/7 Tainted: G    D        6.1.75 #2
[ 2.496259] Hardware name: Rockchip RK3588 EVB7 V11 Board (DT)
[ 2.496261] Call trace:
[ 2.496262] dump_backtrace+0xdc/0x130
[ 2.496269] show_stack+0x1c/0x30
[ 2.496273] dump_stack_lvl+0x64/0x7c
[ 2.496277] dump_stack+0x14/0x2c
[ 2.496280] local_cpu_stop+0x78/0x80
[ 2.496284] ipi_handler+0xd8/0x2a4
[ 2.496287] handle_percpu_devid_irq+0x8c/0x1c0
[ 2.496291] generic_handle_domain_irq+0x30/0x44
[ 2.496296] gic_handle_irq+0x120/0x258
[ 2.496298] call_on_irq_stack+0x24/0x34
[ 2.496301] do_interrupt_handler+0x80/0x94
[ 2.496305] el1_interrupt+0x44/0xa0
[ 2.496308] el1h_64_irq_handler+0x14/0x20
[ 2.496312] el1h_64_irq+0x74/0x78
[ 2.496314] arch_cpu_idle+0x14/0x40
[ 2.496318] default_idle_call+0x48/0x104
[ 2.496320] do_idle+0x240/0x2b0
[ 2.496324] cpu_startup_entry+0x38/0x40
[ 2.496328] secondary_start_kernel+0x12c/0x190
[ 2.496332] __secondary_switched+0x64/0x68
[ 2.496336] CPU: 6 PID: 0 Comm: swapper/6 Tainted: G    D        6.1.75 #2
[ 2.496340] Hardware name: Rockchip RK3588 EVB7 V11 Board (DT)
[ 2.496342] Call trace:
[ 2.496343] dump_backtrace+0xdc/0x130
[ 2.496349] show_stack+0x1c/0x30
[ 2.496354] dump_stack_lvl+0x64/0x7c
[ 2.496357] dump_stack+0x14/0x2c
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[ 2.496360] local_cpu_stop+0x78/0x80
[ 2.496364] ipi_handler+0xd8/0x2a4
[ 2.496368] handle_percpu_devid_irq+0x8c/0x1c0
[ 2.496371] generic_handle_domain_irq+0x30/0x44
[ 2.496375] gic_handle_irq+0x120/0x258
[ 2.496378] call_on_irq_stack+0x24/0x34
[ 2.496381] do_interrupt_handler+0x80/0x94
[ 2.496385] el1_interrupt+0x44/0xa0
[ 2.496388] el1h_64_irq_handler+0x14/0x20
[ 2.496392] el1h_64_irq+0x74/0x78
[ 2.496394] arch_cpu_idle+0x14/0x40
[ 2.496398] default_idle_call+0x48/0x104
[ 2.496401] do_idle+0x240/0x2b0
[ 2.496405] cpu_startup_entry+0x38/0x40
[ 2.496409] secondary_start_kernel+0x12c/0x190
[ 2.496412] __secondary_switched+0x64/0x68
[ 2.496416] CPU: 0 PID: 0 Comm: swapper/0 Tainted: G    D        6.1.75 #2
[ 2.496423] Hardware name: Rockchip RK3588 EVB7 V11 Board (DT)
[ 2.496425] Call trace:
[ 2.496427] dump_backtrace+0xdc/0x130
[ 2.496436] show_stack+0x1c/0x30
[ 2.496443] dump_stack_lvl+0x64/0x7c
[ 2.496448] dump_stack+0x14/0x2c
[ 2.496454] local_cpu_stop+0x78/0x80
[ 2.496460] ipi_handler+0xd8/0x2a4
[ 2.496465] handle_percpu_devid_irq+0x8c/0x1c0
[ 2.496470] generic_handle_domain_irq+0x30/0x44
[ 2.496476] gic_handle_irq+0x120/0x258
[ 2.496481] call_on_irq_stack+0x24/0x34
[ 2.496486] do_interrupt_handler+0x80/0x94
[ 2.496492] el1_interrupt+0x44/0xa0
[ 2.496497] el1h_64_irq_handler+0x14/0x20
[ 2.496503] el1h_64_irq+0x74/0x78
[ 2.496507] arch_cpu_idle+0x14/0x40
[ 2.496513] default_idle_call+0x48/0x104
[ 2.496518] do_idle+0x240/0x2b0
[ 2.496524] cpu_startup_entry+0x38/0x40
[ 2.496530] kernel_init+0x0/0x12c
[ 2.496536] arch_post_acpi_subsys_init+0x0/0x18
[ 2.496542] start_kernel+0x68c/0x6c8
[ 2.496547] __primary_switched+0xb4/0xbc
[ 2.496556] CPU: 1 PID: 0 Comm: swapper/1 Tainted: G    D        6.1.75 #2
[ 2.496563] Hardware name: Rockchip RK3588 EVB7 V11 Board (DT)
[ 2.496565] Call trace:
[ 2.496567] dump_backtrace+0xdc/0x130
[ 2.496576] show_stack+0x1c/0x30
[ 2.496583] dump_stack_lvl+0x64/0x7c
[ 2.496588] dump_stack+0x14/0x2c
[ 2.496594] local_cpu_stop+0x78/0x80

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[ 2.496599] ipi_handler+0xd8/0x2a4
[ 2.496605] handle_percpu_devid_irq+0x8c/0x1c0
[ 2.496610] generic_handle_domain_irq+0x30/0x44
[ 2.496616] gic_handle_irq+0x120/0x258
[ 2.496620] call_on_irq_stack+0x24/0x34
[ 2.496626] do_interrupt_handler+0x80/0x94
[ 2.496631] el1_interrupt+0x44/0xa0
[ 2.496637] el1h_64_irq_handler+0x14/0x20
[ 2.496642] el1h_64_irq+0x74/0x78
[ 2.496647] arch_cpu_idle+0x14/0x40
[ 2.496653] default_idle_call+0x48/0x104
[ 2.496658] do_idle+0x240/0x2b0
[ 2.496663] cpu_startup_entry+0x3c/0x40
[ 2.496669] secondary_start_kernel+0x12c/0x190
[ 2.496675] __secondary_switched+0x64/0x68
[ 2.496681] CPU: 5 PID: 0 Comm: swapper/5 Tainted: G    D        6.1.75 #2
[ 2.496684] Hardware name: Rockchip RK3588 EVB7 V11 Board (DT)
[ 2.496686] Call trace:
[ 2.496687] dump_backtrace+0xdc/0x130
[ 2.496693] show_stack+0x1c/0x30
[ 2.496698] dump_stack_lvl+0x64/0x7c
[ 2.496701] dump_stack+0x14/0x2c
[ 2.496704] local_cpu_stop+0x78/0x80
[ 2.496708] ipi_handler+0xd8/0x2a4
[ 2.496711] handle_percpu_devid_irq+0x8c/0x1c0
[ 2.496714] generic_handle_domain_irq+0x30/0x44
[ 2.496718] gic_handle_irq+0x120/0x258
[ 2.496720] call_on_irq_stack+0x24/0x34
[ 2.496724] do_interrupt_handler+0x80/0x94
[ 2.496728] el1_interrupt+0x44/0xa0
[ 2.496731] el1h_64_irq_handler+0x14/0x20
[ 2.496735] el1h_64_irq+0x74/0x78
[ 2.496737] arch_cpu_idle+0x14/0x40
[ 2.496741] default_idle_call+0x48/0x104
[ 2.496744] do_idle+0x240/0x2b0
[ 2.496747] cpu_startup_entry+0x38/0x40
[ 2.496751] secondary_start_kernel+0x12c/0x190
[ 2.496755] __secondary_switched+0x64/0x68
[ 2.496759] CPU: 2 PID: 0 Comm: swapper/2 Tainted: G    D        6.1.75 #2
[ 2.496765] Hardware name: Rockchip RK3588 EVB7 V11 Board (DT)
[ 2.496768] Call trace:
[ 2.496769] dump_backtrace+0xdc/0x130
[ 2.496778] show_stack+0x1c/0x30
[ 2.496785] dump_stack_lvl+0x64/0x7c
[ 2.496791] dump_stack+0x14/0x2c
[ 2.496796] local_cpu_stop+0x78/0x80
[ 2.496802] ipi_handler+0xd8/0x2a4
[ 2.496807] handle_percpu_devid_irq+0x8c/0x1c0
[ 2.496812] generic_handle_domain_irq+0x30/0x44
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[ 2.496818] gic_handle_irq+0x120/0x258
[ 2.496823] call_on_irq_stack+0x24/0x34
[ 2.496828] do_interrupt_handler+0x80/0x94
[ 2.496834] el1_interrupt+0x44/0xa0
[ 2.496839] el1h_64_irq_handler+0x14/0x20
[ 2.496845] el1h_64_irq+0x74/0x78
[ 2.496849] arch_cpu_idle+0x14/0x40
[ 2.496855] default_idle_call+0x48/0x104
[ 2.496860] do_idle+0x240/0x2b0
[ 2.496866] cpu_startup_entry+0x38/0x40
[ 2.496871] secondary_start_kernel+0x12c/0x190
[ 2.496877] __secondary_switched+0x64/0x68
[ 2.496883] CPU: 3 PID: 0 Comm: swapper/3 Tainted: G    D        6.1.75 #2
[ 2.496890] Hardware name: Rockchip RK3588 EVB7 V11 Board (DT)
[ 2.496892] Call trace:
[ 2.496894] dump_backtrace+0xdc/0x130
[ 2.496903] show_stack+0x1c/0x30
[ 2.496910] dump_stack_lvl+0x64/0x7c
[ 2.496916] dump_stack+0x14/0x2c
[ 2.496921] local_cpu_stop+0x78/0x80
[ 2.496927] ipi_handler+0xd8/0x2a4
[ 2.496932] handle_percpu_devid_irq+0x8c/0x1c0
[ 2.496937] generic_handle_domain_irq+0x30/0x44
[ 2.496943] gic_handle_irq+0x120/0x258
[ 2.496948] call_on_irq_stack+0x24/0x34
[ 2.496953] do_interrupt_handler+0x80/0x94
[ 2.496959] el1_interrupt+0x44/0xa0
[ 2.496964] el1h_64_irq_handler+0x14/0x20
[ 2.496970] el1h_64_irq+0x74/0x78
[ 2.496974] arch_cpu_idle+0x14/0x40
[ 2.496980] default_idle_call+0x48/0x104
[ 2.496985] do_idle+0x240/0x2b0
[ 2.496990] cpu_startup_entry+0x3c/0x40
[ 2.496996] secondary_start_kernel+0x12c/0x190
[ 2.497002] __secondary_switched+0x64/0x68
[ 2.497009] CRU REGS:
[ 2.556369] LPLL      0x58040: 00000110 00002082 00000000 00000000 00000002
000007e0 00004000 00000000
[ 2.557213] B0PLL     0x50000: 00000110 00002082 00000000 00000000 00000002
000007e0 00004000 00000000
[ 2.558055] B1PLL     0x52020: 00000110 00002082 00000000 00000000 00000002
000007e0 00004000 00000000
[ 2.558897] GPLL      0x001c0: 000000c6 00000042 00000000 00000000 00000000
00000000 00009400 00000000
[ 2.559738] CPLL      0x001a0: 000000fa 00000042 00000000 00000000 00000000
00000000 00009c00 00000000
[ 2.560579] V0PLL      0x00160: 000000c6 00000042 00000000 00000000 00000000
00000000 00009400 00000000
[ 2.561420] AUPLL      0x00180: 00000106 00000082 ffff24dd 00000000 00000000

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00000000 0000a400 00000000
[2.562260] PPLL 0x08200: 00000226 00000083 ffff0000 00000000 00000000
00000000 0000bc00 00000000
[2.563107] DSUCRU_SEL 0x58300: 0000b0c0 00001083 00000843 00000063 00000665
0000403f 00002040 0000e040
[2.563948] DSUCRU_GATE 0x58800: 00000000 00000000 00000020 00000000 00000000
00000000 00000000 00000000
[2.564788] BIG0CRU_SEL 0x50300: 00004040 00005fc0 00000005 00000000 00000000
00000000 00000000 00000000
[2.565630] BIG0CRU_GATE 0x50800: 00000400 00000000 00000000 00000000 00000000
00000000 00000000 00000000
[2.566471] BIG1CRU_SEL 0x52300: 00004040 00005fc0 00000005 00000000 00000000
00000000 00000000 00000000
[2.567313] BIG1CRU_GATE 0x52800: 00000400 00000000 00000000 00000000 00000000
00000000 00000000 00000000
[2.568154] CRU_SEL 0x00300: 00000bbd 00000169 00000925 000000a1 00000881
00000881 00000820 00000020
[2.568995] CRU_SEL 0x00320: 00000881 00000881 00000820 00000020 00000421
00000000 000030ff 00000000
[2.569836] CRU_SEL 0x00340: 00000421 00000000 000030ff 00000000 00000000
00000000 00000000 0000bb9d
[2.570676] CRU_SEL 0x00360: 00000000 00000000 00000000 0000bb9d 000000bb
00000200 00000000 00000000
[2.571516] CRU_SEL 0x00380: 000000bb 00000200 00000000 00000000 00000000
00000000 00000000 00000000
[2.572357] CRU_SEL 0x003a0: 00000000 00000000 00000000 00000000 00000010
03355460 00000007 03355460
[2.573198] CRU_SEL 0x003c0: 00000010 03355460 00000007 03355460 0000001b
03355460 0000000f 03355460
[2.574038] CRU_SEL 0x003e0: 0000001b 03355460 0000000f 03355460 0000000f
03355460 00000006 03355460
[2.574879] CRU_SEL 0x00400: 0000000f 03355460 00000006 03355460 00000092
00000000 00000023 000002cb
[2.575719] CRU_SEL 0x00420: 00000092 00000000 00000023 000002cb 000045cb
0000030b 001403de 00000006
[2.576559] CRU_SEL 0x00440: 000045cb 0000030b 001403de 00000006 001403de
00000006 001403de 00000006
[2.577400] CRU_SEL 0x00460: 001403de 00000006 001403de 00000006 001403de
00000006 001403de 00000006
[2.578241] CRU_SEL 0x00480: 001403de 00000006 001403de 00000006 001403de
00000006 001403de 00000006
[2.579081] CRU_SEL 0x004a0: 001403de 00000006 001403de 00000006 001403de
00000006 001403de 0000a002
[2.579921] CRU_SEL 0x004c0: 001403de 00000006 001403de 0000a002 0000020a
00000041 000003ff 0000003f
[2.580762] CRU_SEL 0x004e0: 0000020a 00000041 000003ff 0000003f 00000000
0000003f 00000000 0000c021
[2.581603] CRU_SEL 0x00500: 00000000 0000003f 00000000 0000c021 00000000
00000000 00000000 00000000

[2.582444] CRU_SEL 0x00520: 00000000 00000000 00000000 00000000 00000000
00007c84 00001010 00000000
[2.583284] CRU_SEL 0x00540: 00000000 00007c84 00001010 00000000 00000000
00000590 000003a4 00000000
[2.584124] CRU_SEL 0x00560: 00000000 00000590 000003a4 00000000 00000288
0000070e 00009d9d 00008b9d
[2.584965] CRU_SEL 0x00580: 00000288 0000070e 00009d9d 00008b9d 0000049d
00000000 00000000 00000000
[2.585806] CRU_SEL 0x005a0: 0000049d 00000000 00000000 00000000 00000000
00008100 00001801 00000001
[2.586646] CRU_SEL 0x005c0: 00000000 00008100 00001801 00000001 00000000
00000300 000000e0 00000000
[2.587487] CRU_GATE 0x00800: 00000000 00000000 00000050 00000000 00000000
00000000 00000000 00000000
[2.588327] CRU_GATE 0x00820: 00000000 00000000 00000000 00000000 00000000
00000000 000000e0 00000000
[2.589168] CRU_GATE 0x00840: 00000000 00000000 000000e0 00000000 00000000
00000000 00000000 00000000
[2.590009] CRU_GATE 0x00860: 00000000 00000000 00000000 00000000 00000000
00000000 00002e00 00000000
[2.590849] CRU_GATE 0x00880: 00000000 00000000 00002e00 00000000 0000aa05
000000a0 00000263 0000aa05
[2.591690] CRU_GATE 0x008a0: 0000aa05 000000a0 00000263 0000aa05 000000a0
00000263 00000000 00000000
[2.592530] CRU_GATE 0x008c0: 000000a0 00000263 00000000 00000000 00000000
00000004 00000000 00000000
[2.593371] CRU_GATE 0x008e0: 00000000 00000004 00000000 00000000 00000000
00000000 00000000 00000000
[2.594211] CRU_GATE 0x00900: 00000000 00000000 00000000 00000000 00000000
00000000 00000000 00000000
[2.595052] CRU_GATE 0x00920: 00000000 00000000 00000000 00000000 00000000
00000000 00000000 00000000
[2.595892] PMUCRU_SEL 0x30300: 000000b7 00000400 00000420 00000080 001403de
00000006 03355460 00000007
[2.596733] PMUCRU_SEL 0x30320: 001403de 00000006 03355460 00000007 03355460
0000000b 00000000 00000000
[2.597575] PMUCRU_SEL 0x30340: 03355460 0000000b 00000000 00000000 00000000
00000000 00000000 00000000
[2.598416] PMUCRU_GATE 0x30800: 00000000 00000000 00000000 00000000 00000000
00000000 00000000 00000000
[2.599257] CPU0 online:0
[2.599496] EL2(NS) PC: <0xfffffc008022358> local_cpu_stop+0x48/0x80
[2.600187]
[2.600323] CPU1 online:0
[2.600561] EL2(NS) PC: <0xfffffc008022358> local_cpu_stop+0x48/0x80
[2.601250]
[2.601385] CPU2 online:0
[2.601623] EL2(NS) PC: <0xfffffc008022358> local_cpu_stop+0x48/0x80
[2.602312]


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[ 3.625698] 18:      0      0      0      0      0      0      0      0      0  GICv3 312
Level (null)
[ 3.626758] 19:      0      0      0      0      0      0      0      0      0  GICv3 313
Level (null)
[ 3.627818] 20:      0      0      0      0      0      0      0      0      0  GICv3 455
Edge  debug-signal
[ 3.628922] 21:      0      0      0      0      0      0      0      0      0  GICv3 365
Level  debug
[ 3.629970] PMU:
[ 3.630140] pwr      0x014c: 0000fff9 00000011 00000000 00000000
[ 3.630681] status  0x0180: 0011fff9 00000000 00000000 00000000
[ 3.631221] req      0x010c: 00000000 00000000 00000000 00021fff
[ 3.631762] idle    0x0120: 00021fff 00000000 0000ffff 0000ffff
[ 3.632302] ack      0x0118: 00021fff 00000000 00021fff 00000000
[ 3.632842] mem_pwr  0x01a0: 00000000 00000000 00000000 00000000
[ 3.633382] chain_st 0x01f0: ee0006ff 000003ff 11fff900 00000000
[ 3.633923] mem_st    0x01f8: 11fff900 00000000 00000203 00000001
[ 3.634462] repair_st 0x0290: fff70001 000381ff 00000000 00000000
[ 3.636189] ---[ end Kernel panic - not syncing: Attempted to kill init!
exitcode=0x0000000b ]---
```