```
builtin_initialize: Registering Builtin Load[boot] Initialized SPI port 1 (SENSORS)
[boot] Initialized SPI port 2 (RAMTRON FRAM)
[boot] Initialized SPI port 4
er
ramdisk_register: buffer: 80d719d nsectors: 16978912 sectsize: 128
nsh_romfsetc: Mounting ROMFS filesystem at target=/etc with source=/dev/ram0
romfs_bind: Entry
rd_open: Entry
rd_geometry: Entry
rd_geometry: available: true mediachanged: false writeenabled: false
rd_geometry: nsectors: 16978912 sectorsize: 128
rd_ioctl: Entry
rd_ioctl: ppv: 80d719d
stm32_setclkcr: CLKCR: 000001b2 PWR: 00000000
stm32_reset: CLCKR: 000001b2 POWER: 00000003
mmcsd_slotinitialize: minor: 0
mmcsd_hwinitialize: DMA supported: 1
mmcsd_hwinitialize: Attached MMC/SD interrupts
stm32_registercallback: Register 809a0a5(10003940)
stm32_callbackenable: eventset: 02
stm32_callback: Callback 809a0a5(10003940) cbevents: 02 cdstatus: 00
mmcsd_slotinitialize: MMC/SD slot is empty
sdio_mediachange: cdstatus OLD: 00 NEW: 01
stm32_callback: Callback 809a0a5(10003940) cbevents: 02 cdstatus: 01
stm32_callback: Callback to 809a0a5(10003940)
mmcsd_mediachange: arg: 10003940
mmcsd_probe: type: 0 probed: 0
mmcsd_removed: type: 0 present: 1
stm32_setclkcr: CLKCR: 000001b2 PWR: 00000003
stm32_sendcmd: cmd: 00000000 arg: 00000000 regval: 00000400
stm32_sendcmd: cmd: 00000000 arg: 00000000 regval: 00000400
stm32_sendcmd: cmd: 00000208 arg: 000001aa regval: 00000448
mmcsd_cardidentify: SD V2.x card
stm32_sendcmd: cmd: 00000077 arg: 00000000 regval: 00000477
stm32_sendcmd: cmd: 00000129 arg: c0100000 regval: 00000469
mmcsd_cardidentify: R3: 00ff8000
stm32_sendcmd: cmd: 00000077 arg: 00000000 regval: 00000477
stm32_sendcmd: cmd: 00000129 arg: c0100000 regval: 00000469
mmcsd_cardidentify: R3: 00ff8000
stm32_sendcmd: cmd: 00000077 arg: 00000000 regval: 00000477
stm32_sendcmd: cmd: 00000129 arg: c0100000 regval: 00000469
mmcsd_cardidentify: R3: 00ff8000
stm32_sendcmd: cmd: 00000077 arg: 00000000 regval: 00000477
stm32_sendcmd: cmd: 00000129 arg: c0100000 regval: 00000469
mmcsd_cardidentify: R3: 00ff8000
stm32_sendcmd: cmd: 00000077 arg: 00000000 regval: 00000477
stm32_sendcmd: cmd: 00000129 arg: c0100000 regval: 00000469
mmcsd_cardidentify: R3: 40ff8000
stm32_sendcmd: cmd: 00000077 arg: 00000000 regval: 00000477
stm32_sendcmd: cmd: 00000129 arg: c0100000 regval: 00000469
mmcsd_cardidentify: R3: c0ff8000
mmcsd_cardidentify: SD V2.x card with block addressing
stm32_sendcmd: cmd: 000000c2 arg: 00000000 regval: 000004c2
mmcsd_decodeCID: mid: 03 oid: 0353 pnm: SL08G prv: 128 psn: 688517654 mdt: eb crc: 08
stm32_sendcmd: cmd: 000001c3 arg: 00000000 regval: 00000443
mmcsd_sdinitialize: RCA: aaaa
stm32_sendcmd: cmd: 0000004d arg: aaaa0000 regval: 0000044d
stm32_sendcmd: cmd: 000000c9 arg: aaaa0000 regval: 000004c9
mmcsd_decodeCSD: CSD:
mmcsd_decodeCSD:   CSD_STRUCTURE: 1 SPEC_VERS: 0 (MMC)
mmcsd_decodeCSD:   TAAC {TIME_UNIT: 6 TIME_VALUE: 1} NSAC: 0
mmcsd_decodeCSD:   TRAN_SPEED {TRANSFER_RATE_UNIT: 2 TIME_VALUE: 6}
mmcsd_decodeCSD:   CCC: 1461
mmcsd_decodeCSD:   READ_BL_LEN: 9 READ_BL_PARTIAL: 0
mmcsd_decodeCSD:   WRITE_BLK_MISALIGN: 0 READ_BLK_MISALIGN: 0
mmcsd_decodeCSD:   DSR_IMP: 0
mmcsd_decodeCSD:   SD Block Addressing:
mmcsd_decodeCSD:     C_SIZE: 15159 SD_ER_BLK_EN: 1
mmcsd_decodeCSD:     SD_SECTOR_SIZE: 127 SD_WP_GRP_SIZE: 0
mmcsd_decodeCSD:   WP_GRP_EN: 0 MMC DFLT_ECC: 0 (MMC) R2W_FACTOR: 2
mmcsd_decodeCSD:   WRITE_BL_LEN: 9 WRITE_BL_PARTIAL: 0
mmcsd_decodeCSD:   FILE_FORMAT_GROUP: 0 COPY: 1
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mmcsd_decodeCSD:   PERM_WRITE_PROTECT: 0 TMP_WRITE_PROTECT: 0
mmcsd_decodeCSD:   FILE_FORMAT: 0 ECC: 0 (MMC) CRC: 87
mmcsd_decodeCSD: Capacity: 7761920Kb, Block size: 512b, nblocks: 15523840 wrprotect: 0
stm32_sendcmd: cmd: 00000087 arg: aaaa0000 regval: 00000447
stm32_setclkcr: CLKCR: 00000101 PWR: 00000003
stm32_sendcmd: cmd: 00000050 arg: 00000008 regval: 00000450
stm32_sendcmd: cmd: 00000077 arg: aaaa0000 regval: 00000477
stm32_sendcmd: cmd: 00000473 arg: 00000000 regval: 00000473
mmcsd_decodeSCR: SCR:
mmcsd_decodeSCR:   SCR_STRUCTURE: 0 SD_VERSION: 2
mmcsd_decodeSCR:   DATA_STATE_AFTER_ERASE: 0 SD_SECURITY: 3 SD_BUS_WIDTHS: 5
mmcsd_decodeSCR:   Manufacturing data: 00000000
stm32_sendcmd: cmd: 00000077 arg: aaaa0000 regval: 00000477
stm32_sendcmd: cmd: 0000006a arg: 00000000 regval: 0000046a
stm32_sendcmd: cmd: 00000077 arg: aaaa0000 regval: 00000477
stm32_sendcmd: cmd: 00000046 arg: 00000002 regval: 00000446
mmcsd_widebus: Wide bus operation selected
stm32_setclkcr: CLKCR: 00000901 PWR: 00000003
mmcsd_probe: Capa[boot] Initialized SDIO
city: 7761920 Kbytes
stm32_callbackenable: eventset: 01
stm32_callback: Callback 809a0a5(10003940) cbevents: 01 cdstatus: 01
romfs_open: Open 'init.d/rcS'
rd_geometry: Entry
rd_geometry: available: true mediachanged: false writeenabled: false
rd_geometry: nsectors: 16978912 sectorsize: 128
romfs_read: Read 32 bytes from offset 0
rd_geometry: Entry
rd_geometry: available: true mediachanged: false writeenabled: false
rd_geometry: nsectors: 16978912 sectorsize: 128
romfs_read: Read sector 68
romfs_filecacheread: sector: 68 cached: 0 sectorsize: 128 XIP base: 80d719d buffer: 80d719d
romfs_filecacheread: XIP buffer: 80d939d
romfs_read: Return 32 bytes from sector offset 96
romfs_read: Read 32 bytes from offset 32
rd_geometry: Entry
rd_geometry: available: true mediachanged: false writeenabled: false
rd_geometry: nsectors: 16978912 sectorsize: 128
romfs_read: Read sector 69
romfs_filecacheread: sector: 69 cached: 68 sectorsize: 128 XIP base: 80d719d buffer: 80d939d
romfs_filecacheread: XIP buffer: 80d941d
romfs_read: Return 32 bytes from sector offset 0
romfs_read: Read 32 bytes from offset 64
rd_geometry: Entry
rd_geometry: available: true mediachanged: false writeenabled: false
rd_geometry: nsectors: 16978912 sectorsize: 128
romfs_read: Read sector 69
romfs_filecacheread: sector: 69 cached: 69 sectorsize: 128 XIP base: 80d719d buffer: 80d941d
romfs_read: Return 32 bytes from sector offset 32
romfs_read: Read 32 bytes from offset 96
rd_geometry: Entry
rd_geometry: available: true mediachanged: false writeenabled: false
rd_geometry: nsectors: 16978912 sectorsize: 128
romfs_read: Read sector 69
romfs_filecacheread: sector: 69 cached: 69 sectorsize: 128 XIP base: 80d719d buffer: 80d941d
romfs_read: Return 32 bytes from sector offset 64
romfs_read: Read 32 bytes from offset 128
rd_geometry: Entry
rd_geometry: available: true mediachanged: false writeenabled: false
rd_geometry: nsectors: 16978912 sectorsize: 128
romfs_read: Read sector 69
romfs_filecacheread: sector: 69 cached: 69 sectorsize: 128 XIP base: 80d719d buffer: 80d941d
romfs_read: Return 32 bytes from sector offset 96
romfs_read: Read 32 bytes from offset 160
rd_geometry: Entry
rd_geometry: available: true mediachanged: false writeenabled: false
rd_geometry: nsectors: 16978912 sectorsize: 128
romfs_read: Read sector 70
romfs_filecacheread: sector: 70 cached: 69 sectorsize: 128 XIP base: 80d719d buffer: 80d941d
romfs_filecacheread: XIP buffer: 80d949d
romfs_read: Return 32 bytes from sector offset 0
romfs_read: Read 32 bytes from offset 192
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rd_geometry: Entry
rd_geometry: available: true mediachanged: false writeenabled: false
rd_geometry: nsectors: 16978912 sectorsize: 128
romfs_read: Read sector 70
romfs_filecacheread: sector: 70 cached: 70 sectorsize: 128 XIP base: 80d719d buffer: 80d949d
romfs_read: Return 32 bytes from sector offset 32
[init] Looking for microSD...
romfs_read: Read 32 bytes from offset 224
rd_geometry: Entry
rd_geometry: available: true mediachanged: false writeenabled: false
rd_geometry: nsectors: 16978912 sectorsize: 128
romfs_read: Read sector 70
romfs_filecacheread: sector: 70 cached: 70 sectorsize: 128 XIP base: 80d719d buffer: 80d949d
romfs_read: Return 32 bytes from sector offset 64
romfs_read: Read 32 bytes from offset 256
rd_geometry: Entry
rd_geometry: available: true mediachanged: false writeenabled: false
rd_geometry: nsectors: 16978912 sectorsize: 128
romfs_read: Read sector 70
romfs_filecacheread: sector: 70 cached: 70 sectorsize: 128 XIP base: 80d719d buffer: 80d949d
romfs_read: Return 32 bytes from sector offset 96
mmcsd_open: Entry
mmcsd_geometry: Entry
mmcsd_geometry: available: true mediachanged: true writeenabled: true
mmcsd_geometry: nsectors: 15523840 sectorsize: 512
mmcsd_read: startsector: 0 nsectors: 1 sectorsize: 512
mmcsd_readsingle: startblock=0
stm32_dmacapable: stm32_dmacapable: 0x20000ac0/128 0x00a15420
stm32_dmacapable: stm32_dmacapable: transfer OK
mmcsd_readsingle: offset=0
stm32_sendcmd: cmd: 00000050 arg: 00000200 regval: 00000450
stm32_dmacapable: stm32_dmacapable: 0x20000ac0/128 0x00a15420
stm32_dmacapable: stm32_dmacapable: transfer OK
stm32_dmasetup: paddr: 40012c80 maddr: 20000ac0 ntransfers: 128 scr: 00a15420
stm32_dmacapable: stm32_dmacapable: 0x20000ac0/128 0x00a15420
stm32_dmacapable: stm32_dmacapable: transfer OK
stm32_sendcmd: cmd: 00000451 arg: 00000000 regval: 00000451
fat_checkbootrecord: ERROR: Signature: aa55 FS sectorsize: 64543 HW sectorsize: 512
fat_mount: Partition 0, offset 446, type 11
mmcsd_read: startsector: 63 nsectors: 1 sectorsize: 512
mmcsd_readsingle: startblock=63
stm32_dmacapable: stm32_dmacapable: 0x20000ac0/128 0x00a15420
stm32_dmacapable: stm32_dmacapable: transfer OK
mmcsd_readsingle: offset=63
stm32_dmacapable: stm32_dmacapable: 0x20000ac0/128 0x00a15420
stm32_dmacapable: stm32_dmacapable: transfer OK
stm32_dmasetup: paddr: 40012c80 maddr: 20000ac0 ntransfers: 128 scr: 00a15420
stm32_dmacapable: stm32_dmacapable: 0x20000ac0/128 0x00a15420
stm32_dmacapable: stm32_dmacapable: transfer OK
stm32_sendcmd: cmd: 00000451 arg: 0000003f regval: 00000451
fat_mount: MBR found in partition 0
mmcsd_read: startsector: 64 nsectors: 1 sectorsize: 512
mmcsd_readsingle: startblock=64
stm32_dmacapable: stm32_dmacapable: 0x20000ac0/128 0x00a15420
stm32_dmacapable: stm32_dmacapable: transfer OK
mmcsd_readsingle: offset=64
stm32_dmacapable: stm32_dmacapable: 0x20000ac0/128 0x00a15420
stm32_dmacapable: stm32_dmacapable: transfer OK
stm32_dmasetup: paddr: 40012c80 maddr: 20000ac0 ntransfers: 128 scr: 00a15420
stm32_dmacapable: stm32_dmacapable: 0x20000ac0/128 0x00a15420
stm32_dmacapable: stm32_dmacapable: transfer OK
stm32_sendcmd: cmd: 00000451 arg: 00000040 regval: 00000451
fat_mount: FAT32:
fat_mount:      HW  sector size:     512
fat_mount:          sectors:         15523840
fat_mount:      FAT reserved:        34
fat_mount:          sectors:         15523777
fat_mount:          start sector:    97
fat_mount:          root sector:     2
fat_mount:          root entries:    0
fat_mount:          data sector:     30359
fat_mount:          FSINFO sector:   64
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fat_mount:           Num FATs:        2
fat_mount:           FAT sectors:     15131
fat_mount:           sectors/cluster: 8
fat_mount:           max clusters:    1936685
fat_mount:      FSI free count        1832406
fat_mount:           next free        9
romfs_read: Read 32 bytes from offset 288
```