

Android ROM dumper v0.82b

system memory map

00000000-00000000 : sprd-battery.0
00000061-00000061 : sprd-sdhci.0
00000064-00000064 : sprd-sdhci.1
00463000-0047ffff : System RAM
004e0000-004ffff : System RAM
01a00000-0ffffff : System RAM
0452c000-04a08fff : Kernel text
04a24000-04b65a67 : Kernel data
0eee0000-0effffff : ram_console.0
84000000-840000ff : NK reserved I/O
8e002000-8e002fff : sprd_spi.0
8e003000-8e003fff : sprd_spi.1
9c004300-9c004400 : example.0
a0010000-a0010097 : Mali-300 GP
a0011000-a001102f : Mali-300 L2 cache
a0012000-a0012027 : Mali-300 PMU
a0013000-a0013023 : Mali-300 MMU for GP
a0014000-a0014023 : Mali-300 MMU for PP
a0018000-a00190ef : Mali-300 PP
e0002000-e0002fff : sc8800g_dcam.0
e0006000-e0006fff : sprd-sdhci.0
e0007000-e0007fff : sprd-sdhci.1
e0010000-e0017fff : sprd_nand
e0024000-e0024fff : serial_res0
e0025000-e0025fff : serial_res1
e0028000-e0028fff : sc8810-i2c.0
e0029000-e0029fff : sc8810-i2c.1
e002a000-e002afff : sc8810-i2c.2
e002b000-e002bfff : sc8810-i2c.3
e0036000-e0036fff : serial_res2
e0037280-e00372c4 : sprd-tp.0
e003c000-e013bfff : dwc_otg.0

mtd table

NAND device: Manufacturer ID: 0x2c, Chip ID: 0xbc (Micron NAND 512MiB 1,8V 16-bit)

Good Block: 4034 Bad Block: 0 Reserved Block: 62

dev:	size	erasesize	name
mtd0:	00040000	00020000	"spl"
mtd1:	00080000	00020000	"2ndbl"
mtd2:	00040000	00020000	"params"
mtd3:	00080000	00020000	"vmjaluna"
mtd4:	00a00000	00020000	"modem"
mtd5:	003c0000	00020000	"fixnv"
mtd6:	003c0000	00020000	"backupfixnv"
mtd7:	00500000	00020000	"dsp"
mtd8:	003c0000	00020000	"runtimeenv"
mtd9:	00a00000	00020000	"boot"
mtd10:	00a00000	00020000	"recovery"

mtd11: 10e00000 00020000 "system"
mtd12: 07800000 00020000 "userdata"
mtd13: 03c00000 00020000 "cache"
mtd14: 00040000 00020000 "misc"
mtd15: 00100000 00020000 "boot_logo"
mtd16: 00100000 00020000 "fastboot_logo"
mtd17: 003c0000 00020000 "productinfo"
mtd18: 00080000 00020000 "kpanic"

symbolic links

```
symlink("/data/bin/bash","/system/xbin/bash");  
symlink("/data/bin/oprofile/lop.dump","/system/xbin/lop.dump");  
symlink("/data/bin/oprofile/lop.init","/system/xbin/lop.init");  
symlink("/data/bin/oprofile/lop.reset","/system/xbin/lop.reset");  
symlink("/data/bin/oprofile/lop.start.kernel","/system/xbin/lop.start.kernel");  
symlink("/data/bin/oprofile/lop.start.user","/system/xbin/lop.start.user");  
symlink("/data/bin/oprofile/lop.stop","/system/xbin/lop.stop");  
symlink("/system/bin/alsa_isplay","/system/bin/alsa_arecord");  
symlink("/system/sps/FT5206/firmware/ft5206_fw.bin","/system/etc/firmware/ft5206_fw.bin");  
symlink("/system/sps/headset-soc/ko/headset.ko","/system/lib/modules/headset.ko");  
symlink("/system/sps/mali/ko/mali.ko","/system/lib/modules/mali.ko");  
symlink("/system/sps/mali/ko/ump.ko","/system/lib/modules/ump.ko");  
symlink("/system/sps/msg2133/firmware/henghao_fw.bin","/system/etc/firmware/henghao_fw.bin");  
symlink("/system/sps/msg2133/firmware/huangze_fw.bin","/system/etc/firmware/huangze_fw.bin");  
symlink("/system/sps/msg2133/firmware/oufeiguang_fw.bin","/system/etc/firmware/oufeiguang_fw.bin");  
symlink("/system/sps/rda5802/ko/rda5802.ko","/system/lib/modules/rda5802.ko");  
symlink("/system/sps/rtl8723as/firmware/rtl8723a_chip_b_cut_bt40_fw","/system/etc/firmware/rtl8723as/rtl8723a_chip_b_cut_bt40_fw");  
symlink("/system/sps/rtl8723as/firmware/rtl8723_bt_config","/system/etc/firmware/rtl8723as/rtl8723_bt_config");  
symlink("/system/sps/rtl8723as/ko/8723as.ko","/system/lib/modules/8723as.ko");  
symlink("/system/sps/snd_dummy_alsa_audio/ko/snd_dummy.ko","/system/lib/modules/snd_dummy.ko");  
symlink("/system/sps/tools-binary/tools/boot_must_complete.sh","/system/xbin/boot_must_complete.sh");  
symlink("/system/sps/tools-binary/tools/busybox","/system/bin/df");  
symlink("/system/sps/tools-binary/tools/busybox","/system/bin/mkdir");  
symlink("/system/sps/tools-binary/tools/busybox","/system/bin/rm");  
symlink("/system/sps/tools-binary/tools/busybox","/system/xbin/ash");  
symlink("/system/sps/tools-binary/tools/busybox","/system/xbin/busybox");  
symlink("/system/sps/tools-binary/tools/busybox","/system/xbin/bzip2");  
symlink("/system/sps/tools-binary/tools/busybox","/system/xbin/cp");  
symlink("/system/sps/tools-binary/tools/busybox","/system/xbin/du");  
symlink("/system/sps/tools-binary/tools/busybox","/system/xbin/env");  
symlink("/system/sps/tools-binary/tools/busybox","/system/xbin/find");  
symlink("/system/sps/tools-binary/tools/busybox","/system/xbin/grep");  
symlink("/system/sps/tools-binary/tools/busybox","/system/xbin/hexdump");  
symlink("/system/sps/tools-binary/tools/busybox","/system/xbin/killall");  
symlink("/system/sps/tools-binary/tools/busybox","/system/xbin/md5sum");  
symlink("/system/sps/tools-binary/tools/busybox","/system/xbin/reset");  
symlink("/system/sps/tools-binary/tools/busybox","/system/xbin/tar");  
symlink("/system/sps/tools-binary/tools/busybox","/system/xbin/uname");  
symlink("/system/sps/tools-binary/tools/busybox","/system/xbin/uptime");  
symlink("/system/sps/tools-binary/tools/busybox","/system/xbin/vi");
```

```
symlink("/system/sps/tools-binary/tools/busybox", "/system/xbin/which");
symlink("/system/sps/tools-binary/tools/gcom.arm", "/system/xbin/gcom.arm");
symlink("/system/sps/tools-
binary/tools/gsnap.save_anr_tombstones.sh", "/system/xbin/gsnap.save_anr_tombstones.sh");
symlink("/system/sps/tools-binary/tools/ll", "/system/xbin/ll");
symlink("/system/sps/tools-binary/tools/localtime", "/system/etc/localtime");
symlink("/system/sps/tools-
binary/tools/logs4android.bt.service.sh", "/system/xbin/logs4android.bt.service.sh");
symlink("/system/sps/tools-binary/tools/logs4android.bt.sh", "/system/xbin/logs4android.bt.sh");
symlink("/system/sps/tools-
binary/tools/logs4android.sdcard.umount.sh", "/system/xbin/logs4android.sdcard.umount.sh");
symlink("/system/sps/tools-binary/tools/logs4android.sh", "/system/xbin/logs4android.sh");
symlink("/system/sps/tools-binary/tools/logs4modem.sh", "/system/xbin/logs4modem.sh");
symlink("/system/sps/tools-binary/tools/lrz", "/system/xbin/lrz");
symlink("/system/sps/tools-binary/tools/lsof", "/system/xbin/lsof");
symlink("/system/sps/tools-binary/tools/lsh", "/system/xbin/lsh");
symlink("/system/sps/tools-binary/tools/mkcached.sh", "/system/xbin/mkcached.sh");
symlink("/system/sps/tools-binary/tools/mkinternal.sh", "/system/xbin/mkinternal.sh");
symlink("/system/sps/tools-binary/tools/mkswapd.sh", "/system/xbin/mkswapd.sh");
symlink("/system/sps/tools-binary/tools/preloadapp.sh", "/system/xbin/preloadapp.sh");
symlink("/system/sps/tools-binary/tools/strace", "/system/xbin/strace");
symlink("/system/sps/tools-binary/tools/tree", "/system/xbin/tree");
symlink("/system/sps/tools-binary/tools/uevent", "/system/xbin/uevent");
symlink("/system/sps/tools-binary/tools/upnpvpropd.sh", "/system/xbin/upnpvpropd.sh");
symlink("iwmulticall", "/system/bin/iwconfig");
symlink("iwmulticall", "/system/bin/iwevent");
symlink("iwmulticall", "/system/bin/iwgetid");
symlink("iwmulticall", "/system/bin/iwlist");
symlink("iwmulticall", "/system/bin/iwpriv");
symlink("iwmulticall", "/system/bin/iwspy");
symlink("toolbox", "/system/bin/cat");
symlink("toolbox", "/system/bin/chmod");
symlink("toolbox", "/system/bin/chown");
symlink("toolbox", "/system/bin/cmp");
symlink("toolbox", "/system/bin/date");
symlink("toolbox", "/system/bin/dd");
symlink("toolbox", "/system/bin/dmesg");
symlink("toolbox", "/system/bin/getevent");
symlink("toolbox", "/system/bin/getprop");
symlink("toolbox", "/system/bin/hd");
symlink("toolbox", "/system/bin/id");
symlink("toolbox", "/system/bin/ifconfig");
symlink("toolbox", "/system/bin/iftop");
symlink("toolbox", "/system/bin/inssmod");
symlink("toolbox", "/system/bin/ioctl");
symlink("toolbox", "/system/bin/ionice");
symlink("toolbox", "/system/bin/kill");
symlink("toolbox", "/system/bin/ln");
symlink("toolbox", "/system/bin/log");
symlink("toolbox", "/system/bin/ls");
symlink("toolbox", "/system/bin/lsmmod");
symlink("toolbox", "/system/bin/lsof");
```

```
symlink("toolbox", "/system/bin/mount");
symlink("toolbox", "/system/bin/mv");
symlink("toolbox", "/system/bin/nandread");
symlink("toolbox", "/system/bin/netstat");
symlink("toolbox", "/system/bin/newfs_msdos");
symlink("toolbox", "/system/bin/notify");
symlink("toolbox", "/system/bin/printenv");
symlink("toolbox", "/system/bin/ps");
symlink("toolbox", "/system/bin/reboot");
symlink("toolbox", "/system/bin/renice");
symlink("toolbox", "/system/bin/rmdir");
symlink("toolbox", "/system/bin/rmmod");
symlink("toolbox", "/system/bin/route");
symlink("toolbox", "/system/bin/schedtop");
symlink("toolbox", "/system/bin/sendevent");
symlink("toolbox", "/system/bin/setconsole");
symlink("toolbox", "/system/bin/setprop");
symlink("toolbox", "/system/bin/sleep");
symlink("toolbox", "/system/bin/smd");
symlink("toolbox", "/system/bin/start");
symlink("toolbox", "/system/bin/stop");
symlink("toolbox", "/system/bin/sync");
symlink("toolbox", "/system/bin/top");
symlink("toolbox", "/system/bin/umount");
symlink("toolbox", "/system/bin/uptime");
symlink("toolbox", "/system/bin/vmstat");
symlink("toolbox", "/system/bin/watchprops");
symlink("toolbox", "/system/bin/wipe");
```

diretory permissions

```
set_perm_recursive(0,0,0755,0644, "/system");
set_perm_recursive(0,0,0700,0644, "/system/lost+found");
set_perm_recursive(0,2000,0755,0755, "/system/bin");
set_perm_recursive(0,2000,0755,0755, "/system/sbin");
```

file permissions

```
set_perm(0,0,0555, "/system/etc/ppp/ip-up-vpn");
set_perm(0,2000,0550, "/system/etc/init.goldfish.sh");
set_perm(0,2000,06750, "/system/bin/run-as");
set_perm(0,2000,0755, "/system/etc/pvplayer.cfg");
set_perm(0,2000,0755, "/system/etc/rc.local");
set_perm(0,2000,0755, "/system/opl/etc/vt_substitute.jpg");
set_perm(0,2000,0755, "/system/sps/tools-binary/tools/boot_must_complete.sh");
set_perm(0,2000,0755, "/system/sps/tools-binary/tools/busybox");
set_perm(0,2000,0755, "/system/sps/tools-binary/tools/gcom.arm");
set_perm(0,2000,0755, "/system/sps/tools-binary/tools/gsnap.save_anr_tombstones.sh");
set_perm(0,2000,0755, "/system/sps/tools-binary/tools/ll");
set_perm(0,2000,0755, "/system/sps/tools-binary/tools/localtime");
set_perm(0,2000,0755, "/system/sps/tools-binary/tools/logs4android.bt.service.sh");
set_perm(0,2000,0755, "/system/sps/tools-binary/tools/logs4android.bt.sh");
set_perm(0,2000,0755, "/system/sps/tools-binary/tools/logs4android.sdcard.umount.sh");
set_perm(0,2000,0755, "/system/sps/tools-binary/tools/logs4android.sh");
```

```
set_perm(0,2000,0755,"/system/sps/tools-binary/tools/logs4modem.sh");
set_perm(0,2000,0755,"/system/sps/tools-binary/tools/lrz");
set_perm(0,2000,0755,"/system/sps/tools-binary/tools/lsof");
set_perm(0,2000,0755,"/system/sps/tools-binary/tools/lrz");
set_perm(0,2000,0755,"/system/sps/tools-binary/tools/mkcached.sh");
set_perm(0,2000,0755,"/system/sps/tools-binary/tools/mkinternal.sh");
set_perm(0,2000,0755,"/system/sps/tools-binary/tools/mkswapd.sh");
set_perm(0,2000,0755,"/system/sps/tools-binary/tools/preloadapp.sh");
set_perm(0,2000,0755,"/system/sps/tools-binary/tools/strace");
set_perm(0,2000,0755,"/system/sps/tools-binary/tools/tree");
set_perm(0,2000,0755,"/system/sps/tools-binary/tools/uevent");
set_perm(0,2000,0755,"/system/sps/tools-binary/tools/upnvpropd.sh");
set_perm(0,2000,0755,"/system/sps/tools-binary/tools/xmlprecopy.sh");
set_perm(0,3003,02750,"/system/bin/netcfg");
set_perm(0,3004,02755,"/system/bin/ping");
set_perm(1000,1000,0640,"/system/etc/bluetooth/auto_pairing.conf");
set_perm(1002,1002,0440,"/system/etc/bluetooth/audio.conf");
set_perm(1002,1002,0440,"/system/etc/bluetooth/input.conf");
set_perm(1002,1002,0440,"/system/etc/bluetooth/main.conf");
set_perm(1002,1002,0440,"/system/etc/dbus.conf");
set_perm(1014,2000,0550,"/system/etc/dhccpd/dhccpd-run-hooks");
set_perm(3002,3002,0444,"/system/etc/bluetooth/blacklist.conf");
```