Lc1860.c (g:\work\pj\lc1860-android6.0-sourcefile\bootloader\uboot-2015.04\board\leadcore\lc186x)

Uboot kernel镜像的搬移

boot\_image  
 --->flash\_partition\_read(kernel\_name,

(u8\*)(CONFIG\_KERNEL\_LOADADDR - IMAGE\_ADDR\_OFFSET), 0xffffffff);

Targetloader.c (g:\work\pj\lc1860-android6.0-sourcefile\bootloader\uboot-2015.04\drivers\misc)

uboot启动内存

targetloader\_config

--->gd->relocaddr = CONFIG\_TL\_RAM\_START;

gd->start\_addr\_sp = mem\_addr;

gd->reloc\_off = gd->relocaddr - CONFIG\_SYS\_TEXT\_BASE;

#define CONFIG\_TL\_RAM\_START CONFIG\_TOP\_RAM1\_ADDR

#define CONFIG\_TOP\_RAM1\_ADDR (0xE0040000)

#define CONFIG\_TOP\_RAM1\_SIZE (256 \* 1024)

display\_dram\_config//打印内存配置

从spl进入uboot

boot device - 1

boot mode - RAW

spl: payload image: U-Bo load addr: 0x9fffc0 size: 308772

Jumping to U-Boot

image entry point: 0xA00000

void spl\_set\_header\_raw\_uboot(void)

{

spl\_image.size = CONFIG\_SYS\_MONITOR\_LEN; //uboot的镜像大小

spl\_image.entry\_point = CONFIG\_SYS\_UBOOT\_START;//uboot镜像的起始地址

spl\_image.load\_addr = CONFIG\_SYS\_TEXT\_BASE;//下载地址

spl\_image.os = IH\_OS\_U\_BOOT;

spl\_image.name = "U-Boot";

}

spl下载镜像

Spl\_mmc.c (g:\work\pj\lc1860-android6.0-sourcefile\bootloader\uboot-2015.04\common\spl)

spl\_mmc\_load\_image

1：mmc\_initialize(gd->bd);

2:mmc = find\_mmc\_device(0);

3:err = mmc\_init(mmc);

4:boot\_mode = spl\_boot\_mode();

5:err = mmc\_load\_image\_raw\_sector(mmc,

CONFIG\_SYS\_MMCSD\_RAW\_MODE\_U\_BOOT\_SECTOR);

CONFIG\_SYS\_MMCSD\_RAW\_MODE\_U\_BOOT\_SECTOR=0x200

#define CONFIG\_SYS\_TEXT\_BASE 0x00A00000

选择boot0分区

add\_emmc\_header\_1860.sh

1:output=u-boot-spl.bin//输出文件

2:rm $output

3:判断first\_boot\_bin文件是否存在

if [ ! -e first\_boot\_bin ] ; then

echo "first\_boot.bin no exist!"

echo "exit"

exit -

fi

4:判断second\_boot\_bin是否存在

if [ ! -e second\_boot\_bin ] ; then

echo "second\_boot.bin no exist!"

echo "exit"

exit -2

fi

5:判断u-boot-spl.bin是否存在

if [ ! -e ../spl/u-boot-spl.bin ] ; then

echo "u-boot-spl.bin no exist"

echo "exit"

exit -3

fi