U

Relocation Offset is: 01126000

[AT][MB][start ub][716]

U-Boot 2011.06-00000-g5783bd3-dirty (Mar 10 2016 - 12:02:06)

[NOS] UtopiaInit

1st UTOPIARegisterToUtopia is done[MBoot] Driver Register to Utopia

uboot held at [3d7ddf60~3f700000],size=01f220a0

CPU : Madison

Board: BD\_MST066B\_10AVX\_14091\_MADISON

DRAM: 503 MiB

Now running in RAM - U-Boot at: 3e800000

eMMC: DDR 48MHz

eMMC 3.52 GB [70BFF8h]

In: serial

Out: serial

Err: serial

Net: No ethernet found.

MAC: 0x0: 0x30: 0x1b: 0xa8:0x3c: 0x11

[AT][MBoot][Driver Init][1464]

MPOOL size : 0x200000

-----Press and hold the Enter key then wake up the TV or power on the TV set to go into mboot command line.

Changelist: 24543697

============= set bootargs ===============

Hit any key to stop autoboot: 0

<< MStar >>#

<< MStar >>#

<< MStar >>#

<< MStar >>#

<< MStar >>#

<< MStar >>#

<< MStar >>#

<< MStar >># setenv UARTOnOff on; save; reset -----To enable UART port.

Saving Environment to MMC...

Writing to MMC(0)... 128 blocks written: OK

128 blocks written: OK

done

[AT][MB][start do\_reset]

do\_reset: Using RIU\_MAP: 0x1f000000, at 55

UART\_115200

AC\_ON

AutoDQS0-[456789ABCD][3456789ABC][3456789ABCD][3456789ABCDE]-[0x8878]

AutoDQS1-[3456789ABCD][3456789ABCD][3456789ABC][3456789ABCD]-[0x8788]

BIST0-OK

BIST1-OK

\_U

Relocation Offset is: 01126000

[AT][MB][start ub][650]

U-Boot 2011.06-00000-g5783bd3-dirty (Mar 10 2016 - 12:02:06)

[NOS] UtopiaInit

1st UTOPIARegisterToUtopia is done[MBoot] Driver Register to Utopia

uboot held at [3d7ddf60~3f700000],size=01f220a0

CPU : Madison

Board: BD\_MST066B\_10AVX\_14091\_MADISON

DRAM: 503 MiB

Now running in RAM - U-Boot at: 3e800000

eMMC: DDR 48MHz

eMMC 3.52 GB [70BFF8h]

In: serial

Out: serial

Err: serial

Net: No ethernet found.

MAC: 0x0: 0x30: 0x1b: 0xa8:0x3c: 0x11

[AT][MBoot][Driver Init][1303]

MPOOL size : 0x200000

Changelist: 24543697

============= set bootargs ===============

Hit any key to stop autoboot: 0

AC on

mmc change mount : tvconfig

Loading file "/config/PM.bin" at offset 0x0 from mmc device 0 partition tvconfig

24575 bytes read

Wait for PM51 standby...........PM51 run ok...........UART\_115200

AC\_ON

AutoDQS0-[456789ABCD][3456789ABCD][3456789ABCD][3456789ABCDE]-[0x8888]

AutoDQS1-[3456789ABCD][3456789ABCD][3456789ABC][3456789ABCD]-[0x8788]

BIST0-OK

BIST1-OK

\_U

Relocation Offset is: 01126000

[AT][MB][start ub][606]

U-Boot 2011.06-00000-g5783bd3-dirty (Mar 10 2016 - 12:02:06)

[NOS] UtopiaInit

1st UTOPIARegisterToUtopia is done[MBoot] Driver Register to Utopia

uboot held at [3d7ddf60~3f700000],size=01f220a0

CPU : Madison

Board: BD\_MST066B\_10AVX\_14091\_MADISON

DRAM: 503 MiB

Now running in RAM - U-Boot at: 3e800000

eMMC: DDR 48MHz

eMMC 3.52 GB [70BFF8h]

In: serial

Out: serial

Err: serial

Net: No ethernet found.

MAC: 0x0: 0x30: 0x1b: 0xa8:0x3c: 0x11

[AT][MBoot][Driver Init][1261]

MPOOL size : 0x200000

Changelist: 24543697

============= set bootargs ===============

Hit any key to stop autoboot: 0

DC on !!

create instance at 3d8d7a50 with private size 196 bytes at 3d8d7a98

------\_msAPI\_Scaler\_SetPanelVCC--bEnable=1----

MDrv\_PNL\_Init u32PnlRiuBaseAddr = 1f200000

MDrv\_PNL\_Init u32PMRiuBaseAddr = 1f000000

[\_MDrv\_PNL\_Init\_LPLL][315]pstPanelInitData->u16Width=1920, pstPanelInitData->u16Height=1080

[\_MDrv\_PNL\_Init\_LPLL][317]u16HTotal=2200,u16VTotal=1125,pstPanelInitData->u16HTotal=2200,pstPanelInitData->u16VTotal=1125, u16DefaultVFreq=600

[\_MDrv\_PNL\_Init\_Output\_Dclk][361]pstPanelInitData->u16Width=1920, pstPanelInitData->u16Height=1080

[\_MDrv\_PNL\_Init\_Output\_Dclk][363]u16HTotal=2200,u16VTotal=1125,pstPanelInitData->u16HTotal=2200,pstPanelInitData->u16VTotal=1125, u16DefaultVFreq=600

[MApi\_XC\_MLG\_GetStatus, 1602]No instance existed, please get an instance by calling MApi\_XC\_Init() first

Init PWM1[eason] Wait for PM51 standby DRAM ...........Wait for PM51 standby DRAM ...........PM51 run ok...........create instance at 3d8d7b60 with private size 304 bytes at 3d8d7ba8

[AT][MB][JPD Decode][1585]

[UTOPIA INFO] close moduleNames[35]: MODULE\_NJPEG\_EX

mmc change mount : tvconfig

Size of file "/config/mmap.ini" from mmc device 0 partition tvconfig: 39063 bytes

Loading file "/config/mmap.ini" at offset 0x0 from mmc device 0 partition tvconfig

39063 bytes read

create instance at 3d8e1400 with private size 66720 bytes at 3d8e1448

[GOP INFO] gop opencreate instance at 3d8f18f0 with private size 7164 bytes at 3d8f1938

...

wake up message

...

[ 2.038938] VFP support v0.3: implementor 41 architecture 2 part 30 variant 7 rev 3

[ 2.049860] rtc-mstar rtc-mstar: setting system clock to 2007-01-01 12:00:00 UTC (1167652800)

[ 2.059013] [AT][KR][start init][5141]

[ 2.062817] [AutoTest][Kernel][start Initprocess][5141]

[ 2.145372] type=1403 audit(1167652800.590:2): policy loaded auid=4294967295 ses=4294967295

[ 2.154084] SELinux: Loaded policy from /sepolicy

-----if you want to shut down the keep printing message, you can use below command to shut down the printing from kernel after su:

echo 1 > proc/sys/kernel/printk

shell@grape:/ $

shell@grape:/ $

shell@grape:/ $

shell@grape:/ $

shell@grape:/ $

shell@grape:/ $ su

shell@grape:/ #

shell@grape:/ #

shell@grape:/ # cat config/model/Customer\_1.ini -----cat Customer\_1.ini to find out which panel under using.

[IniVersion]

Type = 00; # 00: System INI File; 01: Panel INI File ; 02: DLC INI File

Ver = 0x00000001;

[panel]

#<1>.FullHD\_CMO216\_H1L01.ini <2>.AU20\_T200XW02.ini <3>.M190A1.ini <4>.SXGA\_AU17\_EN05.ini <5>.AU32\_T315XW03.ini

# for ONIDA only:<1>.CHANGHONG\_C320X14\_E2\_H <2>.FullHD\_C400F14\_E2\_S\_M029 <3>.FullHD\_C490F14\_E1\_L

# ^^^^^^^^ NOTICE ^^^^^^^^ ABOUT CHANGING PANEL SETTING ^^^^^^^^

# After changing the panel ini file path, if you're using MBOOT with LOGO/MUSIC enabled.

# Please enter "dbtable 1" command in MBOOT to update the setting.

# e.g. << MStar >># dbtable 1

# ^^^^^^^^ NOTICE ^^^^^^^^ ABOUT CHANGING PANEL SETTING ^^^^^^^^

m\_pPanelName = "/config/panel/FullHD\_C490F14\_E6\_L.ini"; ----here the FullHD\_C490F14\_E6\_L.ini is in using.

gammaTableNo = 0;

# bPQUseDefaultValue = 1: use default value,

# bPQUseDefaultValue = 0: use the customer PQ binary file as below PQBinName = "/Customer/pq/Main.bin"; .

bPQUseDefaultValue = 1;

PQBinPathName = "/config/pq/"

…

Content of the Customer\_1.ini

…

#@CRC=0x89AE

#@CRC=0x1B9C

#@CRC=0x1D9D

#@CRC=0x3B08

shell@grape:/ #

shell@grape:/ #

shell@grape:/ #

shell@grape:/ #

shell@grape:/ #

shell@grape:/ # mount -o remount,rw /tvconfig -----to remount the tvconfig folder for editing

[ 150.147250] EXT4-fs (mmcblk0p14): re-mounted. Opts: (null) ---means remount successly, but if you shut down the shell@grape:/ # message from kernel there will not be such message

shell@grape:/ #

shell@grape:/ #

shell@grape:/ #

shell@grape:/ #

shell@grape:/ # vi tvconfig/config/panel/FullHD\_C490F14\_E6\_L.ini

sh: vi: not found

127|shell@grape:/ # busybox vi tvconfig/config/panel/FullHD\_C490F14\_E6\_L.ini

m\_ePanelLinkType = 1;#LINK\_LVDS;

m\_ePanelLinkExtType = 24;#apiPNL.h -> APIPNL\_LINK\_EXT\_TYPE

m\_bPanelDualPort = 1;

m\_bPanelSwapPort = 0;#1^PANEL\_CONNECTOR\_SWAP\_PORT;

m\_bPanelSwapOdd\_ML = 0;

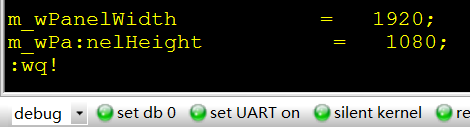
m\_bPanelSwapEven\_ML = 0;

m\_bPanelSwapOdd\_RB = 0;

m\_bPanelSwapEven\_RB = 0;

m\_bPanelLVDS\_TI\_MODE = 1;

----in vi condition, press I to enter insert mode and press Esc to exit insert mode. After exiting insert mode input (:) then input wq! to save and exit vi status



m\_ucPanelDCLKDelay = 0x00;

m\_bPanelInvDCLK = 0;

m\_bPanelInvDE = 0;

m\_bPanelInvHSync = 0;

m\_bPanelInvVSync = 0;

###########################

# Output tmming setting #

###########################

m\_ucPanelDCKLCurrent = 0x01;

m\_ucPanelDECurrent = 0x01;

m\_ucPanelODDDataCurrent = 0x01;

m\_ucPanelEvenDataCurrent= 0x01;

m\_wPanelOnTiming1 = 300;

m\_wPanelOnTiming2 = 200;

m\_wPanelOffTiming1 = 220;

m\_wPanelOffTiming2 = 10;

m\_ucPanelHSyncWidth = 32;

shell@grape:/ #

shell@grape:/ #

shell@grape:/ #

shell@grape:/ # reboot ---to restart the TV set

[ 257.039589] SysRq : Emergency Remount R/O

[ 257.049674] EXT4-fs (mmcblk0p10): re-mounted. Opts: (null)

[ 257.072508] EXT4-fs (mmcblk0p9): re-mounted. Opts: (null)

[ 257.090184] EXT4-fs (mmcblk0p12): re-mounted. Opts: (null)

[ 257.101787] EXT4-fs (mmcblk0p14): re-mounted. Opts: (null)

[ 257.114817] EXT4-fs (mmcblk0p15): re-mounted. Opts: (null)

[ 257.124434] EXT4-fs (mmcblk0p16): re-mounted. Opts: (null)

[ 257.134100] Emergency Remount complete

[ 257.146676] Restarting system with command ''.

UART\_115200

AC\_ON

AutoDQS0-[456789ABCD][3456789ABCD][3456789ABCD][3456789ABCDE]-[0x8888]

AutoDQS1-[3456789ABCDE][3456789ABCDE][3456789ABCD][3456789ABCD]-[0x8888]

BIST0-OK

BIST1-OK

\_U

Relocation Offset is: 01126000

[AT][MB][start ub][759]

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[NOS] UtopiaInit

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uboot held at [3d7ddf60~3f700000],size=01f220a0

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DRAM: 503 MiB

Now running in RAM - U-Boot at: 3e800000

eMMC: DDR 48MHz

eMMC 3.52 GB [70BFF8h]

In: serial

Out: serial

Err: serial

Net: No ethernet found.

MAC: 0x0: 0x30: 0x1b: 0xa8:0x3c: 0x11

[AT][MBoot][Driver Init][1523]

MPOOL size : 0x200000

Changelist: 24543697

============= set bootargs ===============

Hit any key to stop autoboot: 0

<< MStar >>#

<< MStar >>#

<< MStar >>#

<< MStar >>#

<< MStar >>#

<< MStar >>#

<< MStar >>#

<< MStar >># setenv db\_table 0; save ;reset -----to do reload of the configuration.

Saving Environment to MMC...

Writing to MMC(0)... 128 blocks written: OK

128 blocks written: OK

done

[AT][MB][start do\_reset]

do\_reset: Using RIU\_MAP: 0x1f000000, at 55

UART\_115200

AC\_ON

AutoDQS0-[456789ABCD][3456789ABCD][3456789ABCD][3456789ABCDE]-[0x8888]

AutoDQS1-[3456789ABCD][3456789ABCDE][3456789ABC][3456789ABCD]-[0x8788]

BIST0-OK

BIST1-OK