

SYSTIMAX® imVision® Controller Open Source Software (OSS) Catalog

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Changes to Open Source Software

imx-bootlets-src

Date	Description
1/24/2012	Modified DDR boot configuration. Added imx bootlet to turn on the imVision display's backlight.

jQuery UI Virtual Keyboard

Date	Description
5/25/2011	Modified keyboard layouts for improved Asian language support. Added IP address entry keypads for IPv4 and IPv6. Added calls to custom application to enable beeps on keypresses.
7/13/2011	

Linux Kernel – imVision Controller

Date	Description
1/24/2012	Added rs485 & I2C drivers. Added power alarm. Fixed flash erase issue. Modified mtd flash partition map.
12/21/2013	Modified the I2C driver to support new device applications for panel firmware update.
02/17/2014	Modify USB OHCI driver to address application reset issue.

Linux Kernel – imVision Display

Date	Description
1/24/2012	Added display support for embedded displays from Newhaven, Inteltronic and Sharp. Added backlight control support. Added boot-time status indications on the display.

LTIB

Date	Description
1/24/2012	Modified build scripts to include an intramfs image in the kernel. Added support for imVision display applications.

MD5

Date	Description
7/1/2012	Modified MD5 library for portability to x86-64 build hosts.

Qt

Date	Description
1/24/2012	Changed the way web pages are displayed. Adding method of connecting to the imVision application. Other miscellaneous fixes.

tslib

Date	Description
1/24/2012	Added touch-screen calibration storage to an I2C EEPROM.

UBL

Date	Description
1/24/2012	Modified the source code for the flash driver, added DRAM test.

uboot

Date	Description
1/24/2012	Added md5 checking of application and kernel flash banks. Added USB1.1 host controller support for the AM1808. Added ability to send bootstream images over USB to a Freescale ROM Bootloader device.
11/07/2013	Changed fw_setenv in order to fix a continuous flash page issue.

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