



# Release Notes for Post Processor Device Driver (Linux)

**S3C6400/6410**

August 29, 2008

(Preliminary) REV 2.10

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**S3C6400/6410 RISC Microprocessor**  
**Release Note for Post processor device driver**

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Printed in the Republic of Korea



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## Revision History

Revision No	Description of Change	Refer to	Author(s)	Date
1.00	Initial Draft	-	Jiun Yu	2007-06-22
1.20	Test application and ioctl are changed		Jiun Yu	2007-10-29
1.21	Some bug was fixed		Jiun Yu	2008-01-17
2.00	Supporting Post processor driver on S3C6410		Jiun Yu	2008-07-05
2.10	Tested on linux kernel 2.6.24		Jiun Yu	2008-08-29

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## 1 Introduction

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Post processor supports color space conversion and scaling

## 2 Release Detail

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Software	Post processor Driver Package
Version	2.10
Hardware Platform	Samsung Application Processor - S3C6400/6410
Host Operating System	Linux 2.6.24
Software Dependencies	ARM Cross Compilation Tool Chain 4.2.2-eabi
Release Date	29-August-2008
Contact Person	Jiun Yu, <a href="mailto:jiun.yu@samsung.com">jiun.yu@samsung.com</a>

## 3 Directory Structure

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Directory	Files	Description
PP_V2.5/pp_drv	*.c	Driver C src files
PP_V2.5/pp_drv	*.h	Driver C header files
PP_V2.5/pp_app	*.h	Test Application Header Files
PP_V2.5/pp_app	*.c	Test Application Source Files
PP_V2.5/doc	*.doc *.pdf	<ul style="list-style-type: none"><li>● installation guide</li><li>● porting guide</li><li>● release note</li></ul>

## 4 Limitation

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## 5 Changes

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### 5.1 Changes for v1.20

Commands of ioctl function are added

- PPROC\_GET\_PHY\_INBUF\_ADDR
- PPROC\_GET\_INBUF\_SIZE
- PPROC\_GET\_BUF\_SIZE
- PPROC\_GET\_OUT\_DATA\_SIZE

Teest application is changed because of ioctl's command

### 5.2 Changes for v1.21

- Mutex unlock function in ioctl is added.
- Post processor driver and test application were compiled as toolchain 4.2.2-eabi

### 5.3 Changes for v2.00

- Post processor driver supports on S3C6400 and S3C6410

### 5.4 Changes for v2.10

- Post processor driver was tested on linux kernel 2.6.24