

The VPBE V4L2 driver design

File partitioning

V4L2 display device driver
drivers/media/platform/ti/davinci/vpbe_display.c drivers/media/platform/ti/davinci/vpbe_display.h

VPBE display controller
drivers/media/platform/ti/davinci/vpbe.c drivers/media/platform/ti/davinci/vpbe.h

VPBE venc sub device driver
drivers/media/platform/ti/davinci/vpbe_venc.c drivers/media/platform/ti/davinci/vpbe_venc.h
drivers/media/platform/ti/davinci/vpbe_venc_regs.h

VPBE osd driver
drivers/media/platform/ti/davinci/vpbe_osd.c drivers/media/platform/ti/davinci/vpbe_osd.h
drivers/media/platform/ti/davinci/vpbe_osd_regs.h

To be done

- vpbe display controller
- Add support for external encoders.
 - add support for selecting external encoder as default at probe time.
- vpbe venc sub device
- add timings for supporting ths8200
 - add support for LogicPD LCD.
- FB drivers
- Add support for fbdev drivers. - Ready and part of subsequent patches.