Platform drivers

There are several drivers that are focused on providing support for functionality that are already included at the main board, and don't use neither USB nor PCI bus. Those drivers are called platform drivers, and are very popular on embedded devices.

The current supported of platform drivers (not including staging drivers) are listed below

Driver	Name
am437x-vpfe	TI AM437x VPFE
aspeed-video	Aspeed AST2400 and AST2500
atmel-isc	ATMEL Image Sensor Controller (ISC)
atmel-isi	ATMEL Image Sensor Interface (ISI)
c8sectpfe	SDR platform devices
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cafe_ccic	Marvell 88ALP01 (Cafe) CMOS Camera Controller
cdns-csi2rx	Cadence MIPI-CSI2 RX Controller
cdns-csi2tx	Cadence MIPI-CSI2 TX Controller
coda-vpu	Chips&Media Coda multi-standard codec IP
dm355_ccdc	TI DM355 CCDC video capture
dm644x_ccdc	TI DM6446 CCDC video capture
exynos-fimc-is	EXYNOS4x12 FIMC-IS (Imaging Subsystem)
exynos-fimc-lite	EXYNOS FIMC-LITE camera interface
exynos-gsc	Samsung Exynos G-Scaler
exy	Samsung S5P/EXYNOS4 SoC series Camera Subsystem
fsl-viu	Freescale VIU
imx-pxp	i.MX Pixel Pipeline (PXP)
isdf	TI DM365 ISIF video capture
mmp_camera	Marvell Armada 610 integrated camera controller
mtk_jpeg	Mediatek JPEG Codec
mtk-mdp	Mediatek MDP
mtk-vcodec-dec	Mediatek Video Codec
mtk-vpu	Mediatek Video Processor Unit
mx2_emmaprp	MX2 eMMa-PrP
omap3-isp	OMAP 3 Camera
omap-vout	OMAP2/OMAP3 V4L2-Display
pxa_camera	PXA27x Quick Capture Interface
qcom-camss	Qualcomm V4L2 Camera Subsystem
rcar-csi2	R-Car MIPI CSI-2 Receiver
rcar_drif	Renesas Digital Radio Interface (DRIF)
rcar-fcp	Renesas Frame Compression Processor
rcar_fdp1	Renesas Fine Display Processor
rcar_jpu	Renesas JPEG Processing Unit
rcar-vin	R-Car Video Input (VIN)
renesas-ceu	Renesas Capture Engine Unit (CEU)
rockchip-rga	Rockchip Raster 2d Graphic Acceleration Unit
s3c-camif	Samsung S3C24XX/S3C64XX SoC Camera Interface
s5p-csis	S5P/EXYNOS MIPI-CSI2 receiver (MIPI-CSIS)
s5p-fimc	S5P/EXYNOS4 FIMC/CAMIF camera interface
s5p-g2d	Samsung S5P and EXYNOS4 G2D 2d graphics accelerator
s5p-jpeg	Samsung S5P/Exynos3250/Exynos4 JPEG codec
s5p-mfc	Samsung S5P MFC Video Codec
sh_veu	SuperH VEU mem2mem video processing
sh_vou	SuperH VOU video output
stm32-dcmi	STM32 Digital Camera Memory Interface (DCMI)
stm32-dma2d	STM32 Chrom-Art Accelerator Unit
sun4i-csi	Allwinner A10 CMOS Sensor Interface Support
sun6i-csi	Allwinner V3s Camera Sensor Interface
sun8i-di	Allwinner Deinterlace
sun8i-rotate	Allwinner DE2 rotation
ti-cal	TI Memory-to-memory multimedia devices
ti-csc	TI DVB platform devices

Driver	Name
ti-vpe	TI VPE (Video Processing Engine)
venus-enc	Qualcomm Venus V4L2 encoder/decoder
via-camera	VIAFB camera controller
video-mux	Video Multiplexer
vpif_display	TI DaVinci VPIF V4L2-Display
vpif_capture	TI DaVinci VPIF video capture
vpss	TI DaVinci VPBE V4L2-Display
vsp1	Renesas VSP1 Video Processing Engine
xilinx-tpg	Xilinx Video Test Pattern Generator
xilinx-video	Xilinx Video IP (EXPERIMENTAL)
xilinx-vtc	Xilinx Video Timing Controller

MMC/SDIO DVB adapters

Driver	Name
smssdio	Siano SMS1xxx based MDTV via SDIO interface