drm/meson AmLogic Meson Video Processing Unit
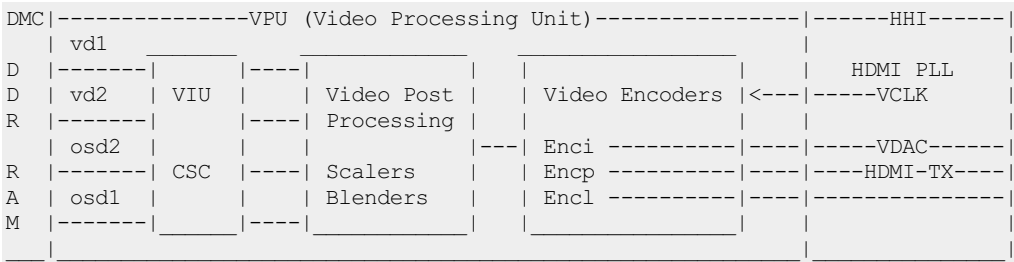
System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\gpu\(linux-master)(Documentation)(gpu)meson.rst`, **line 5**)

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```
.. kernel-doc:: drivers/gpu/drm/meson/meson_drv.c
   :doc: Video Processing Unit
```

Video Processing Unit

The Amlogic Meson Display controller is composed of several components that are going to be documented below:

```
DMC|---------------VPU (Video Processing Unit)----------------|------HHI------|
   | vd1   _____    _____    _____        |              |
D  |------|       |----|             |  |                |      |  HDMI PLL    |
D  | vd2  | VIU   |    | Video Post  |  | Video Encoders |<---|-----VCLK       |
R  |------|       |----| Processing  |  |                |    |  |             |
   | osd2 |       |    |             |---| Enci ----------|----|-----VDAC------|
R  |------| CSC   |----| Scalers     |  | Encp ----------|----|----HDMI-TX----|
A  | osd1 |       |    | Blenders    |  | Encl ----------|----|---------------|
M  |------|_____|----|_____|  |_____|    |  |             |
 ___|_____|  |_____|
```

Video Input Unit

System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\gpu\(linux-master)(Documentation)(gpu)meson.rst`, **line 30**)

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```
.. kernel-doc:: drivers/gpu/drm/meson/meson_viu.c
   :doc: Video Input Unit
```

Video Post Processing

System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\gpu\(linux-master)(Documentation)(gpu)meson.rst`, **line 36**)

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```
.. kernel-doc:: drivers/gpu/drm/meson/meson_vpp.c
   :doc: Video Post Processing
```

Video Encoder

System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\gpu\(linux-master)(Documentation)(gpu)meson.rst`, **line 42**)

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```
.. kernel-doc:: drivers/gpu/drm/meson/meson_venc.c
   :doc: Video Encoder
```

Video Clocks

System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\gpu\(linux-master)(Documentation)(gpu)meson.rst`, **line 48**)

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```
.. kernel-doc:: drivers/gpu/drm/meson/meson_vclk.c
   :doc: Video Clocks
```

HDMI Video Output