

Current Activity

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2016-07-12

Background:

- Stockholm, Sweden
- M.Sc from Royal Institute of Technology in Stockholm (2004 – 2009)

Previous Employments:

- Research engineer at Swedish Defence Research Agency (2009 – 2010)
- Linux engineer at Ericsson (2010 – 2014)
- Self employed at Ragnatech (2014 – present)

Renesas:

- Trail assignment, PFC for EMEV2 end of 2014
- Base contracts + additional tasks since beginning 2016

- Prototype public

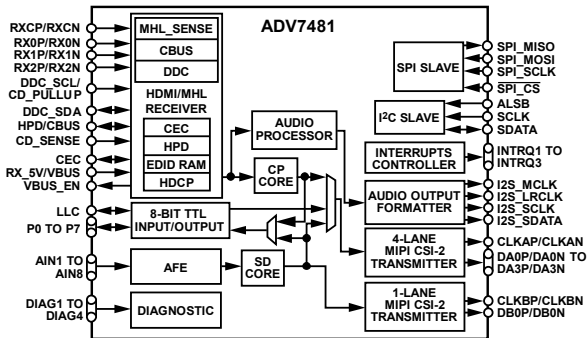


Figure 1. [ADV7481](#) Block Diagram

Blocker

The ADV7482 have two video outputs, 4-lane and 1-Lane CSI2. The V4L2 framework do not support subdevices with two independent video outputs and needs to be extended.

Future work

- Add V4L2 support for independent video outputs
- Add controls (Brightness, Gamma, etc)
- Add EDID programming support
- Detect input format changes (Interrupt + V4L2 Event)
- Add cropping and scaling support
- Power management
- I2C slave addresses from DT