



File: fpga.kicad\_sch











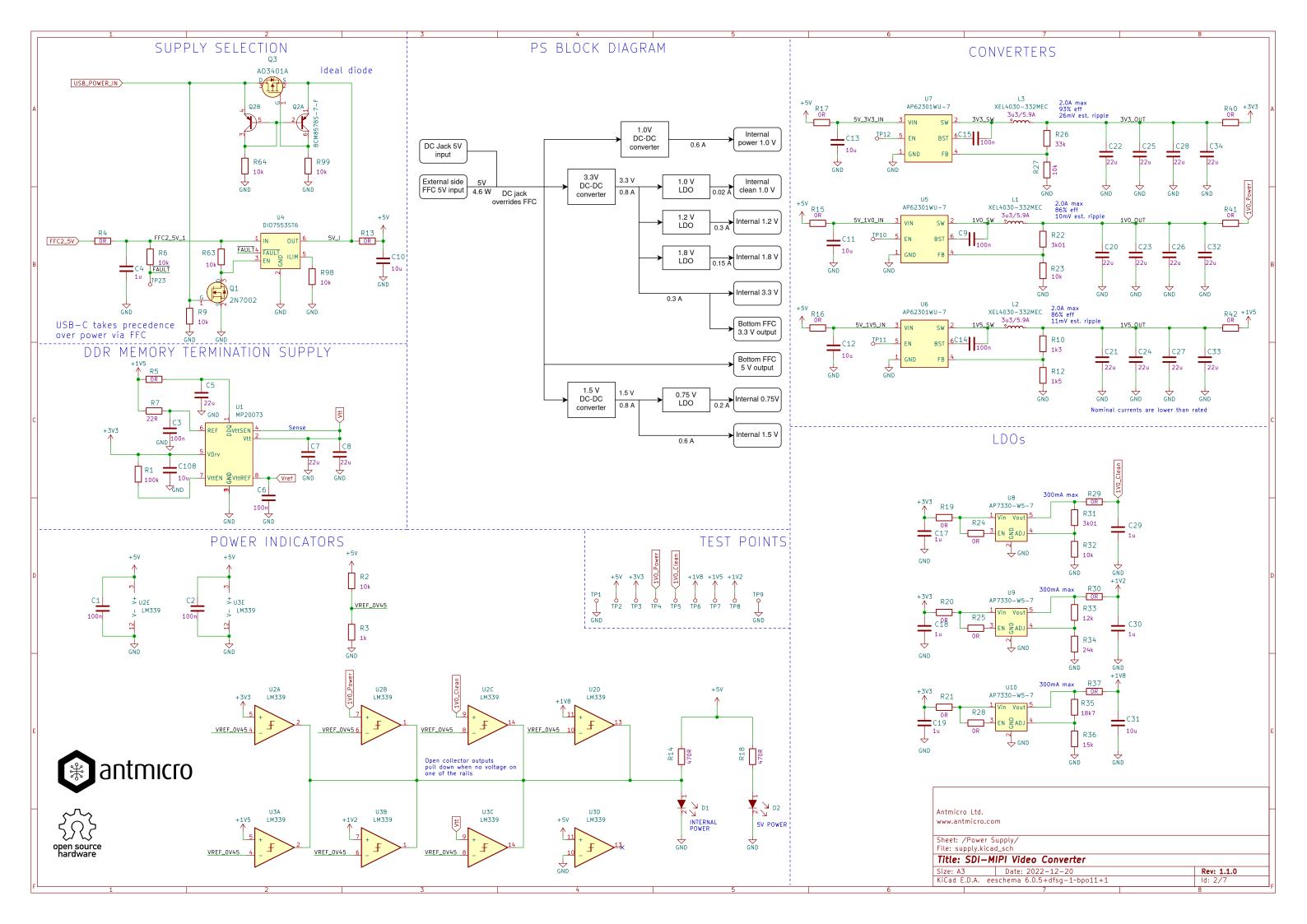


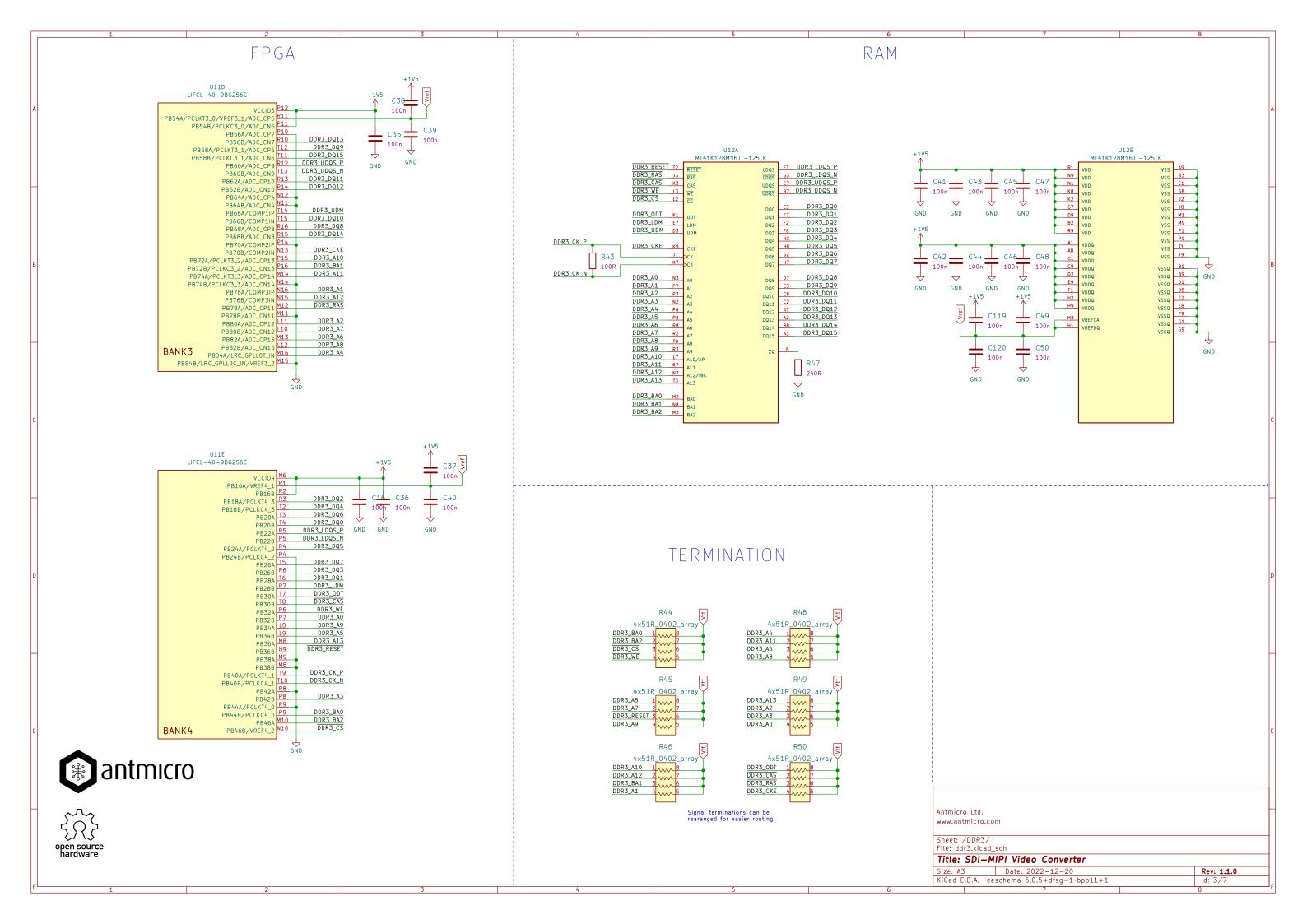
Antmicro Ltd. www.antmicro.com

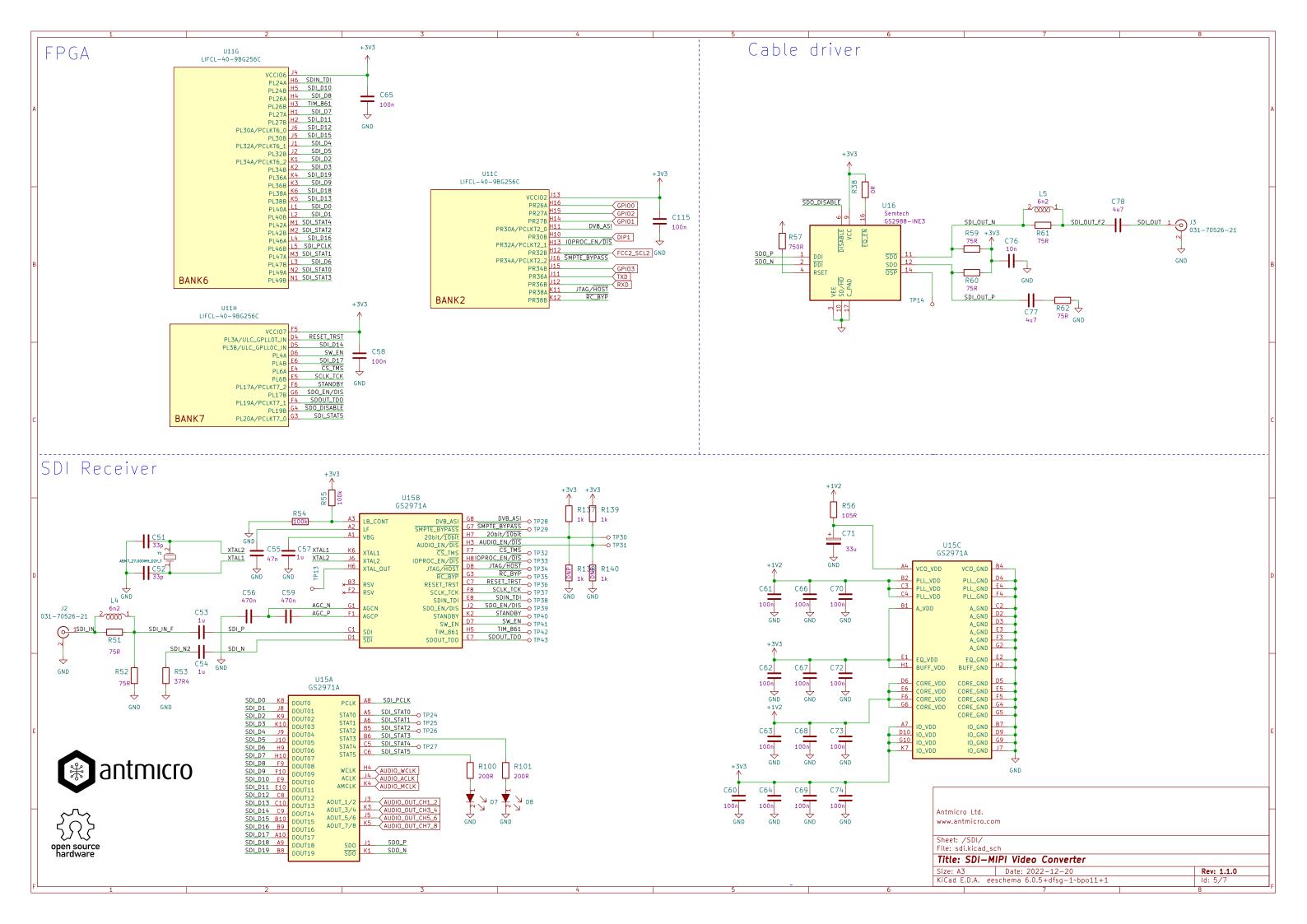
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File: sdi-mipi-video-converter.kicad\_sch

Title: SDI-MIPI Video Converter

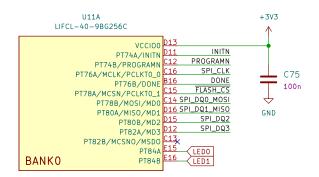
Size: A3 Date: 2022-12-20 KiCad E.D.A. eeschema 6.0.5+dfsg-1~bpo11+1



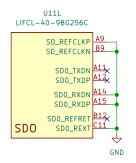




## FPGA

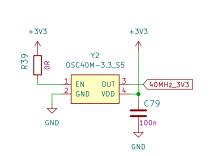


# U11K LIFCL-40-9BG256C VCCADC18 ADC\_DN0 ADC\_DP0 ADC\_DN1 ADC\_DN1 ADC\_DN1 ADC\_REFP1 ADC\_REFP1 ADC\_REFP0 L15 ADC\_REFP0 L15 ADC\_REFP0 ADC VSSADC



# OSCILLATOR

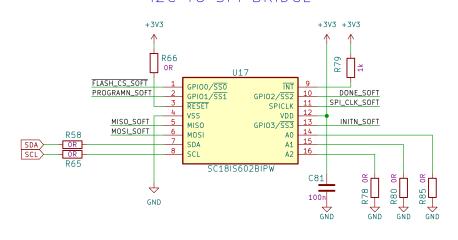
OPTIONAL, NORMALLY DNP



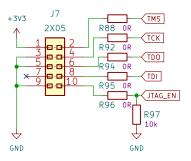
# FPGA CONFIGURATION

# CONFIGURATION FLASH +3V3 | SPL\_DQ0\_MOSI | SPL\_DQ1\_MISO | SPL\_DQ1\_MISO | SPL\_DQ2 | SPL\_DQ3 | SPL\_DQ3 | SPL\_CLK | R82 | 66 | SPL\_CLK | R82 | 66 | SPL\_CLK | SOFT | R75 | OR | SPL\_CLK\_SOFT | R76 | OR | SPL\_CLK\_SOFT | SPL\_CLK\_SOFT

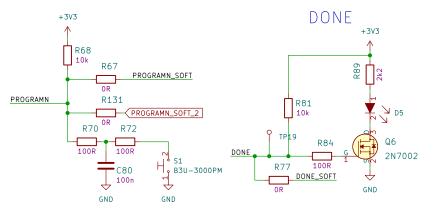
## 12C TO SPI BRIDGE

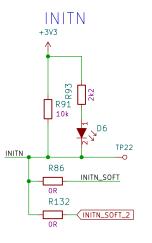


## JTAG CONNECTOR



### PROGRAMN





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Title: SDI-MIPI Video Converter

Size: A3 Date: 2022-12-20 Rev: 1.1.0

KiCad E.D.A. eeschema 6.0.5+dfsg-1-bpo11+1 Id: 6/7





