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File: gmsl-deserializer.kicad_sch

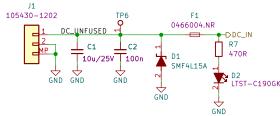
Title: GMSL Deserializer

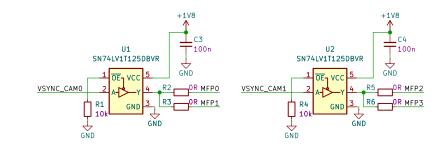
Size: A3 Date: 2024-01-04 Rev: 1.0.1

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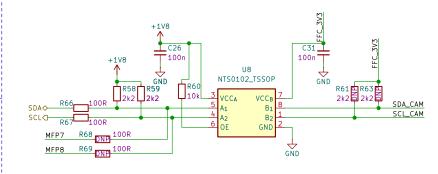
Buffer gates



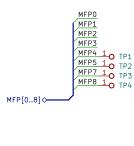




Level shifter

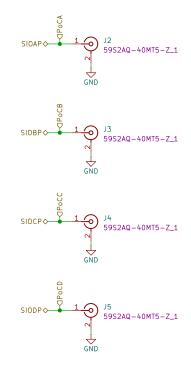


Multi-function pins

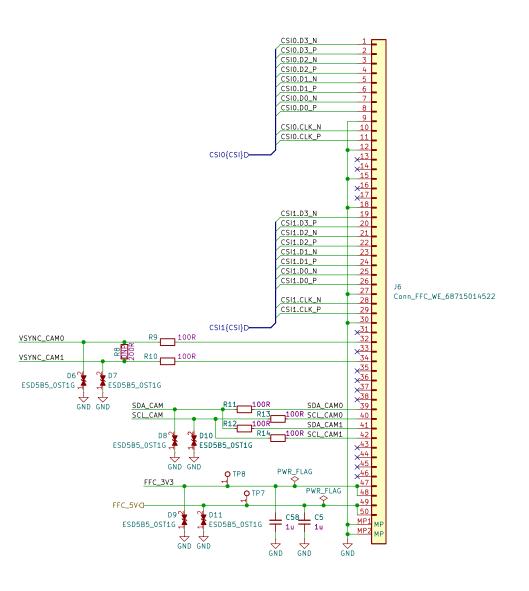


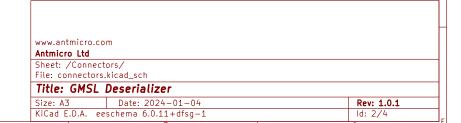


Fakra connectors

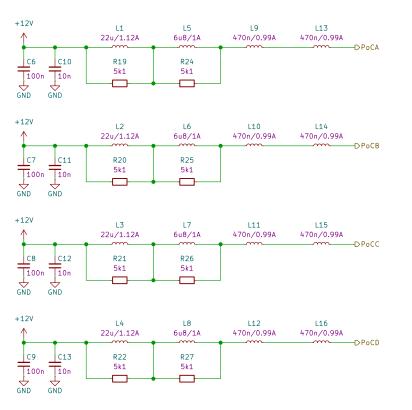


CSI connector

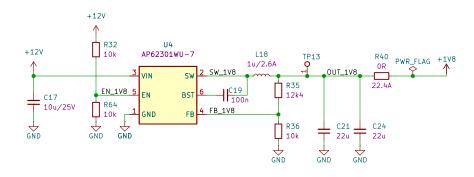




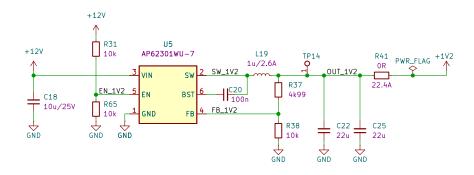
PoC circuit



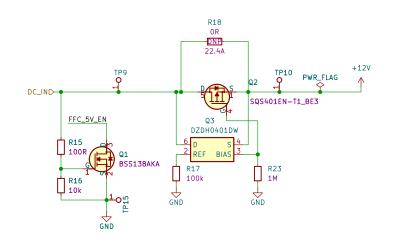
Buck converter 12V to 1.8V



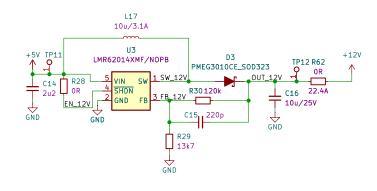
Buck converter 12V to 1.2V



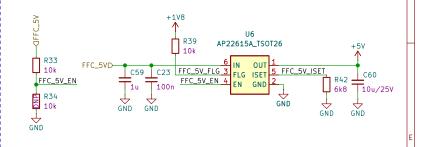
Power arbiter



Boost converter 5V to 12V



FFC 5V current limit



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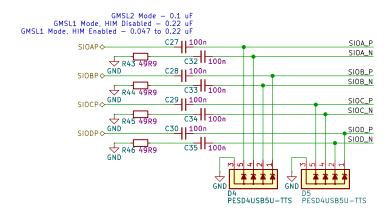
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Title: GMSL Deserializer

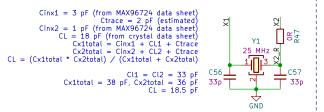
Size: A3 Date: 2024-01-04 Rev: 1.0.1

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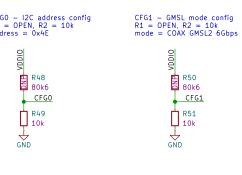
Link-Isolation capacitors and ESD diodes



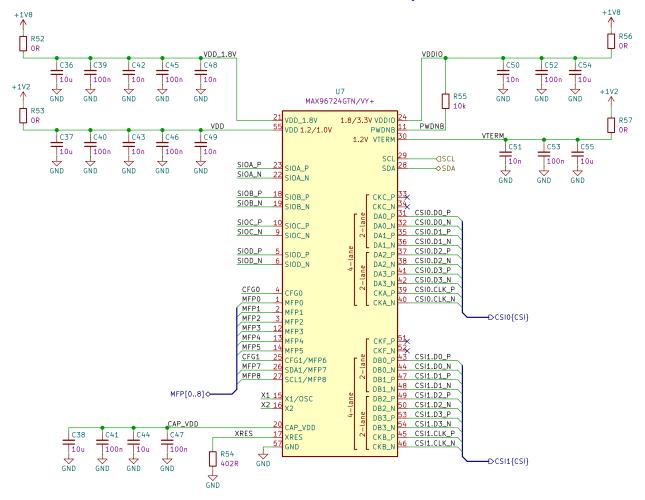
Crystal



Config pins



Deserializer IC with passives



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Size: A3 Date: 2024-01-04 Rev: 1.0.1

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