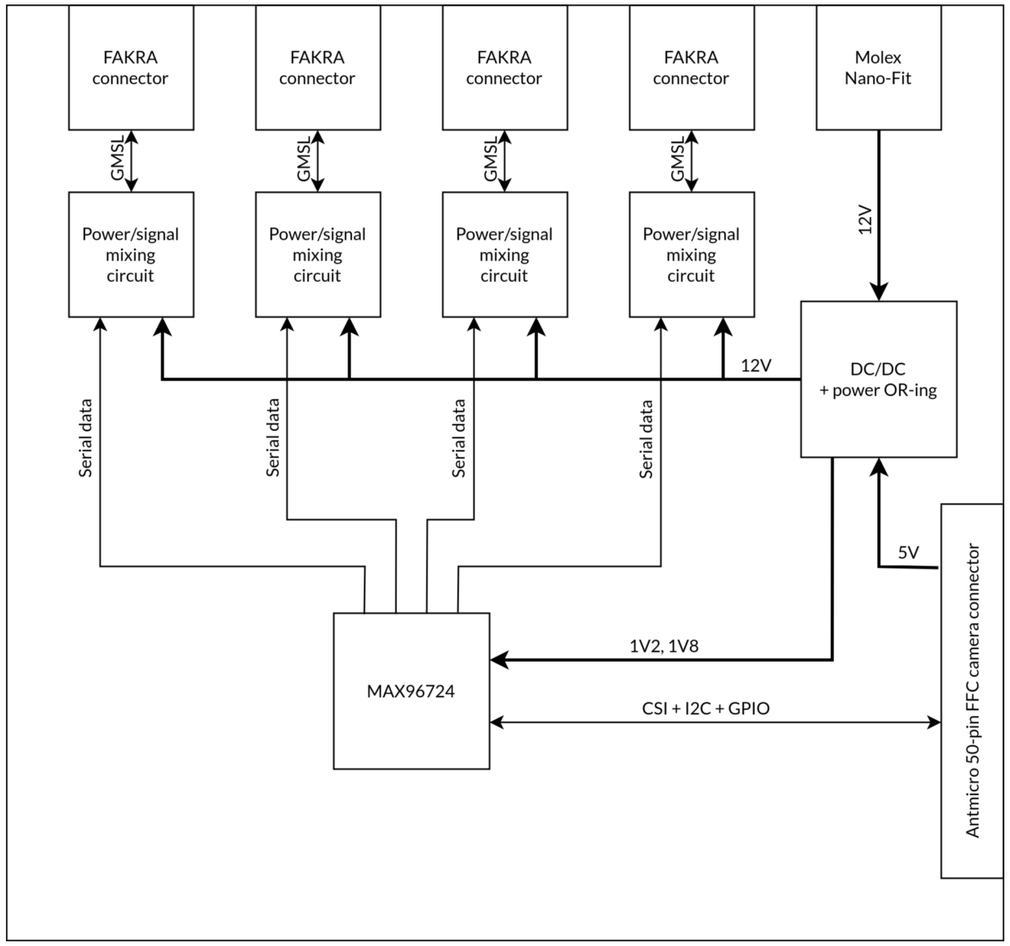

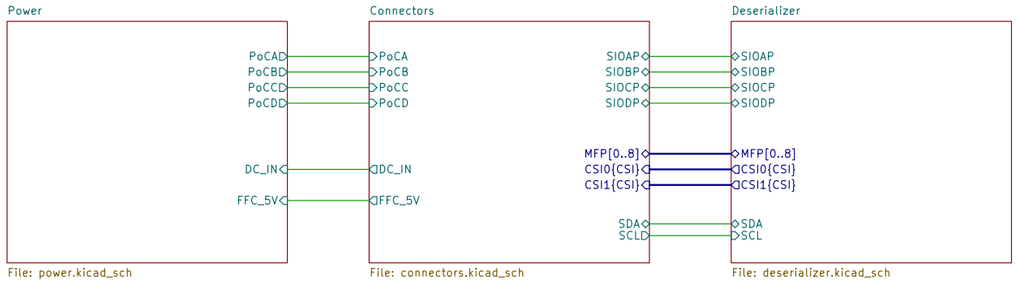

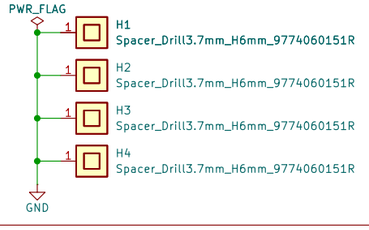

Logo N1
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Logo N2
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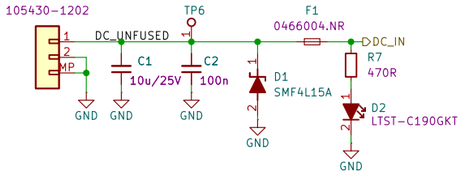
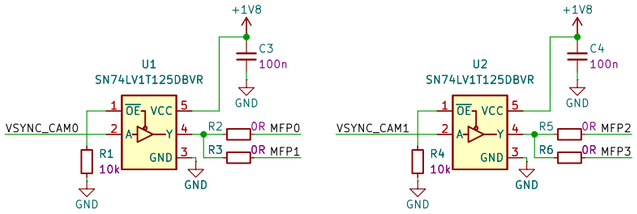
Title: GMSL Deserializer

Size: A3	Date: 2023-12-12	**Rev: 1.0.0**
KiCad E.D.A.	eeschema 6.0.11+dfsg-1~bpo11+1	Id: 1/4

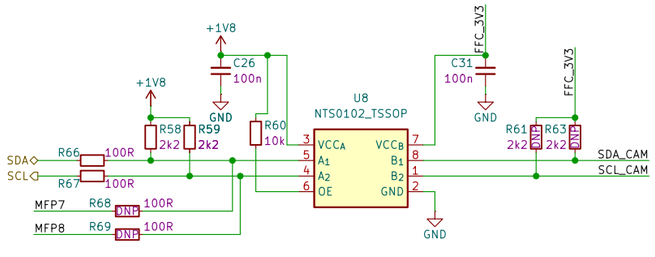
Power connector



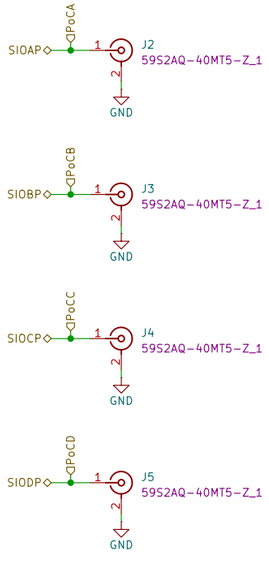
Buffer gates



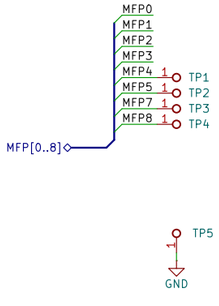
Level shifter



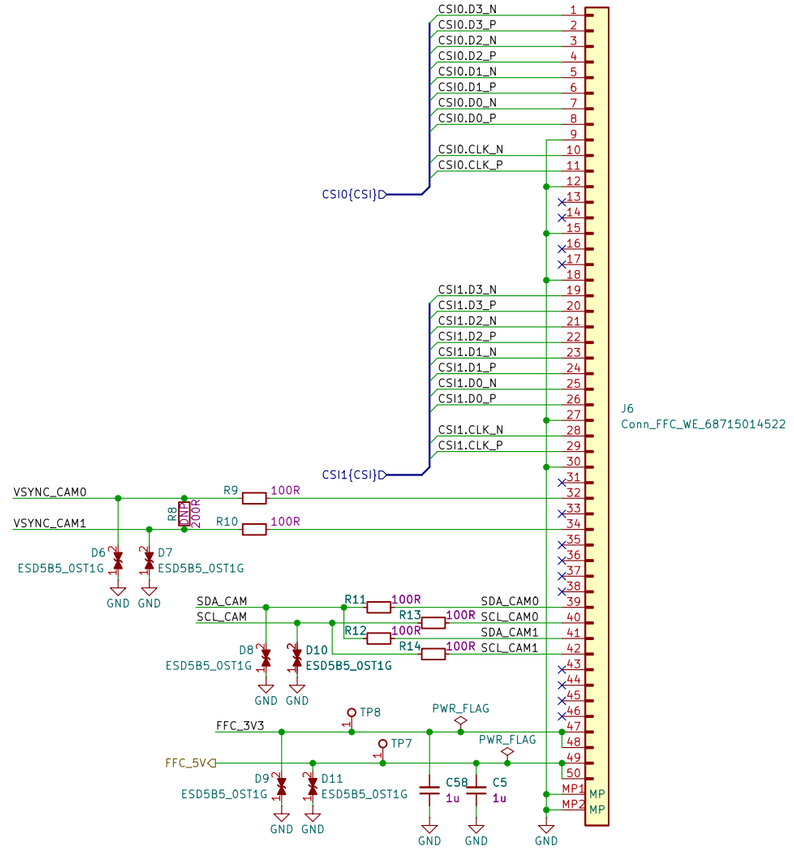
Fakra connectors



Multi-function pins



CSI connector



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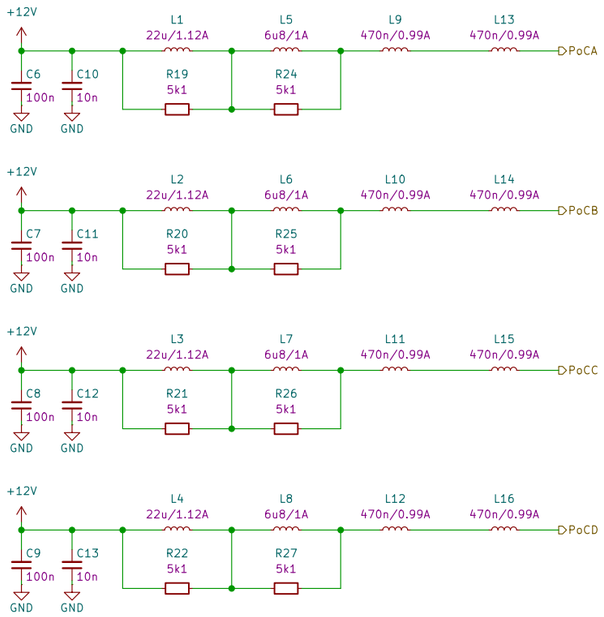
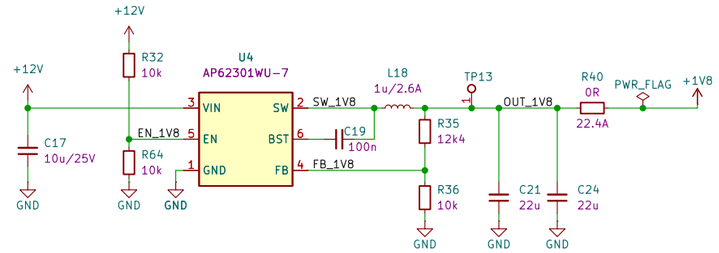
Title: GMSL Deserializer

Size: A3	Date: 2023-12-12	**Rev: 1.0.0**
KiCad E.D.A. eeschema 6.0.11+dfsg-1~bpo11+1		Id: 2/4

PoC circuit



Buck converter 12V to 1.8V



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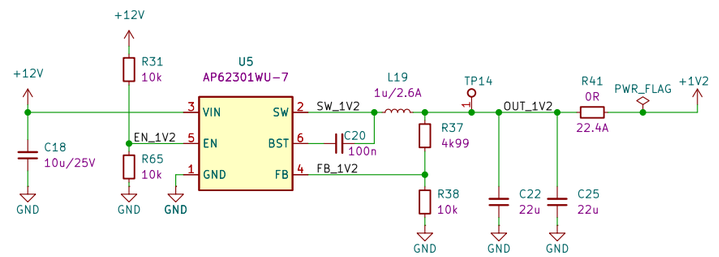
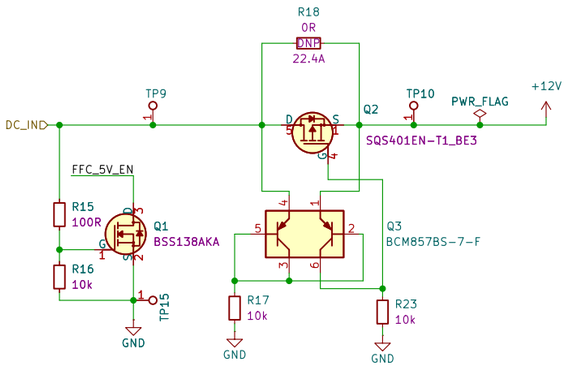
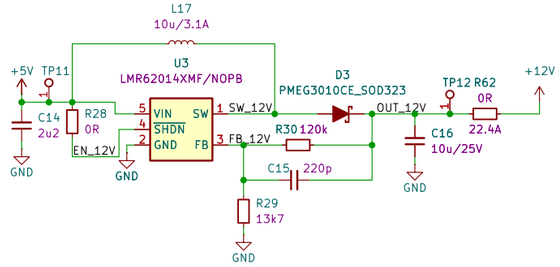


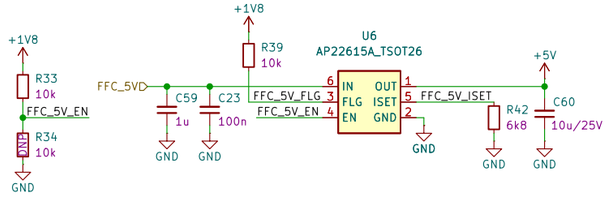
Power arbiter



Boost converter 5V to 12V



FFC 5V current limit



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Title: GMSL Deserializer

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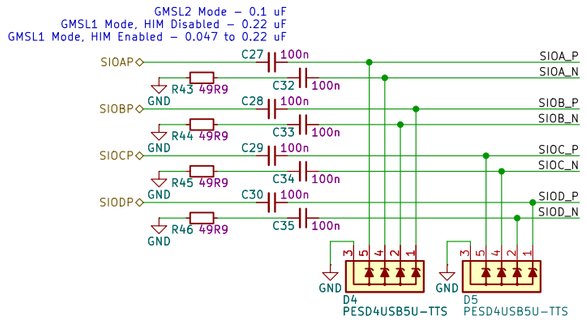
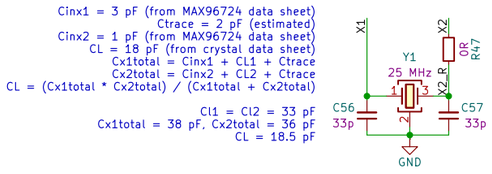
KiCad E.D.A. eeschema 6.0.11+dfsg-1~bpo11+1		Id: 3/4

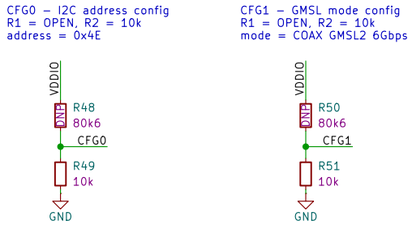
Link–Isolation capacitors and ESD diodes



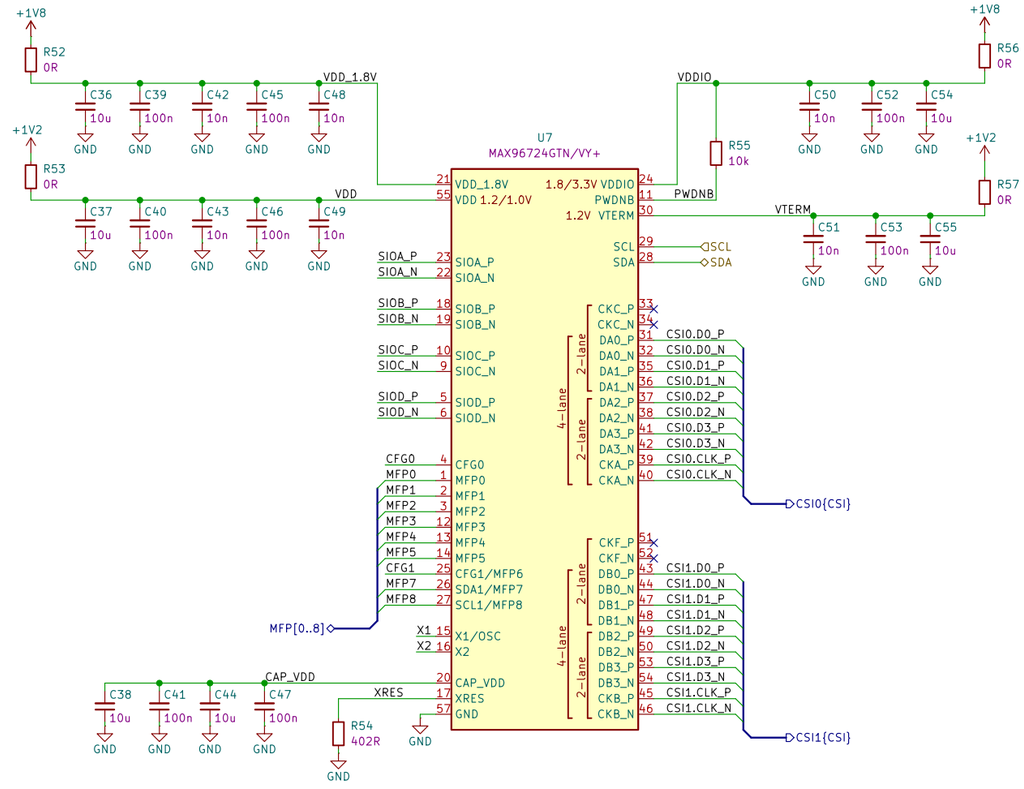
Crystal



Config pins



Deserializer IC with passives



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Size: A3	Date: 2023-12-12	**Rev: 1.0.0**
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