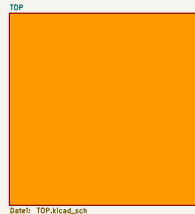


BE-IIS-HAT++2CAM_REVA

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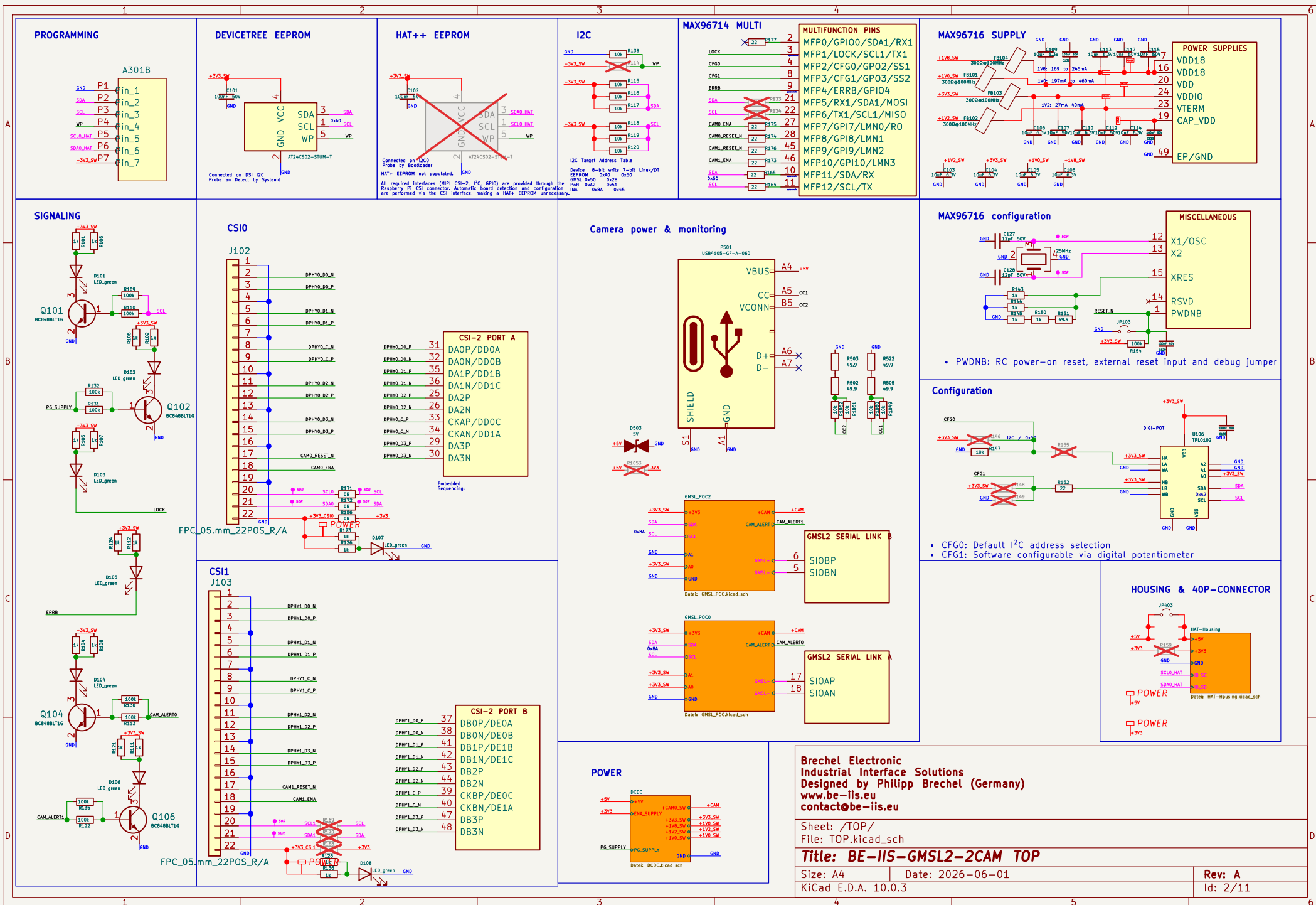
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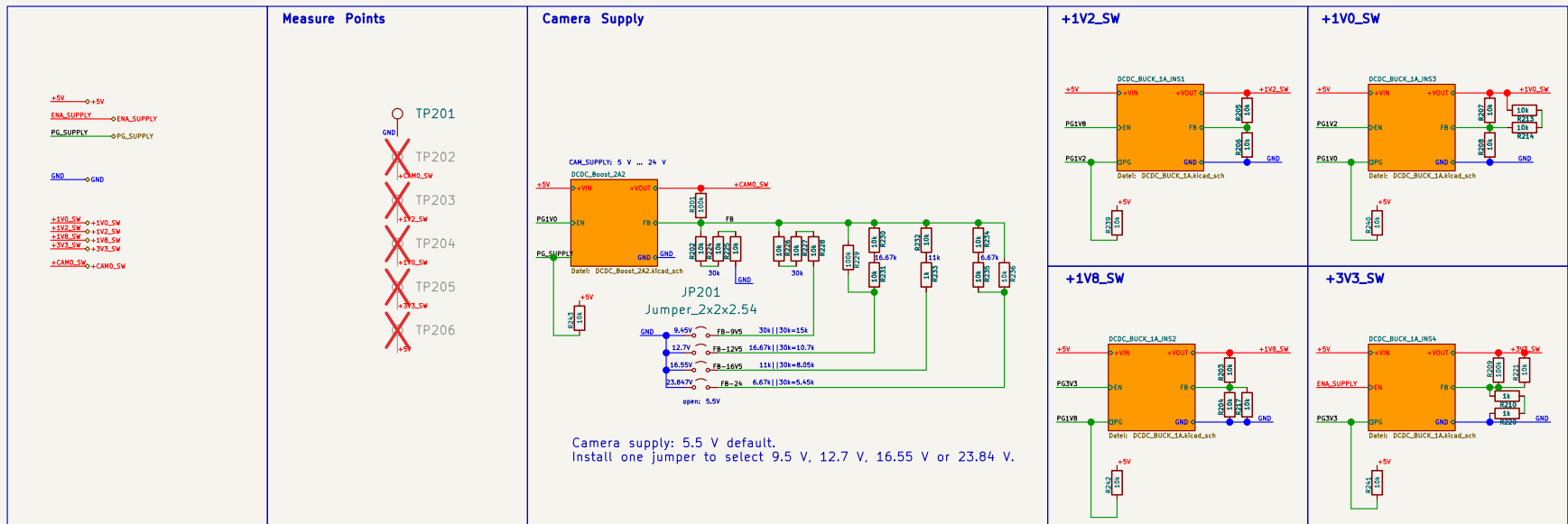
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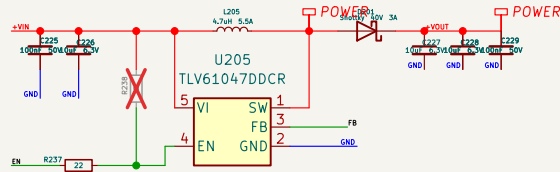
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Rev: A
Id: 3/11

GND — GND
+VIN — +VIN
+VOUT — +VOUT
EN — EN
FB — FB



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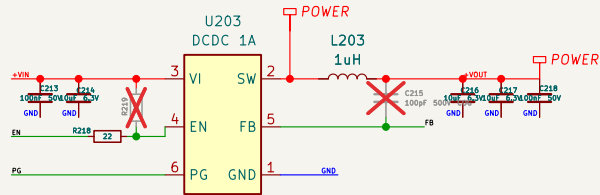
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Size: A5 Date: 2026-06-01
KiCad E.D.A. 10.0.3

Rev: A
Id: 4/11

GND — GND
 +VIN — +VIN
 +VOUT — +VOUT
 EN — EN
 PG — PG
 FB — FB



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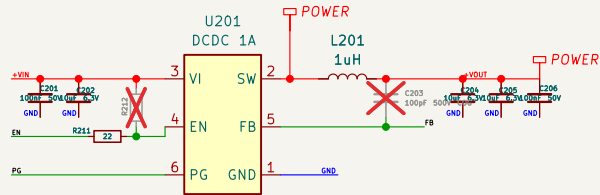
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Size: A5
 Date: 2026-06-01
 KiCad E.D.A. 10.0.3

Rev: A
 Id: 5/11

GND — GND
+VIN — +VIN
+VOUT — +VOUT
EN — EN
PG — PG
FB — FB



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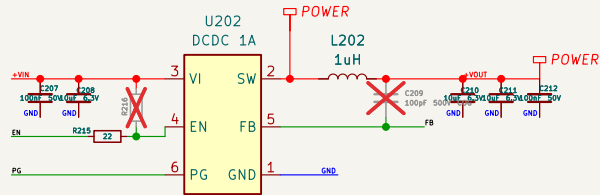
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KiCad E.D.A. 10.0.3

Date: 2026-06-01

Rev: A
Id: 6/11

GND — GND
 +VIN — +VIN
 +VOUT — +VOUT
 EN — EN
 PG — PG
 FB — FB



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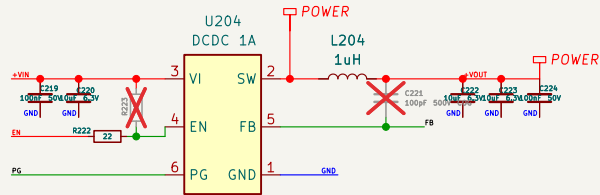
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Size: A5
 Date: 2026-06-01
 KiCad E.D.A. 10.0.3

Rev: A
 Id: 7/11

GND — GND
+VIN — +VIN
+VOUT — +VOUT
EN — EN
PG — PG
FB — FB



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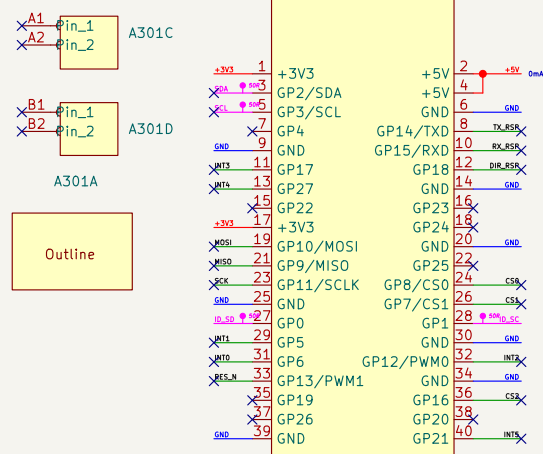
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Date: 2026-06-01

Rev: A
Id: 8/11



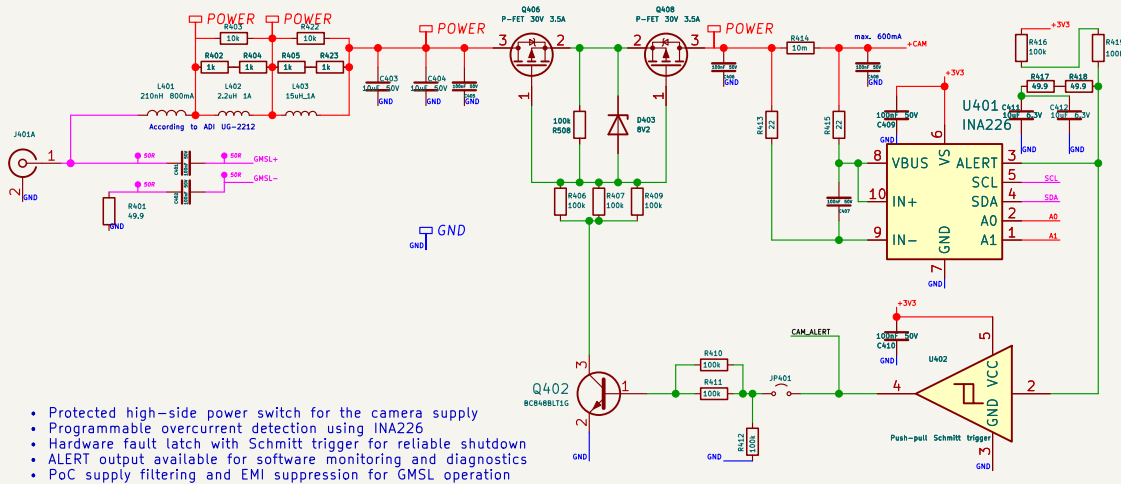
A302
2x20



Id: 9/11

+CAM → +CAM
 +3V3 → +3V3
 GND → GND
 SDA → SDA
 SCL → SCL
 CAM_ALERT → CAM_ALERT
 A0 → A0
 A1 → A1
 GMSL+ → GMSL+
 GMSL- → GMSL-

Camera power & monitoring



- Protected high-side power switch for the camera supply
- Programmable overcurrent detection using INA226
- Hardware fault latch with Schmitt trigger for reliable shutdown
- ALERT output available for software monitoring and diagnostics
- PoC supply filtering and EMI suppression for GMSL operation

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Sheet: /TOP/GMSL_POC0/
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Title: BE-IIS-GMSL2-2CAM TOP

Size: A4 Date: 2026-06-01

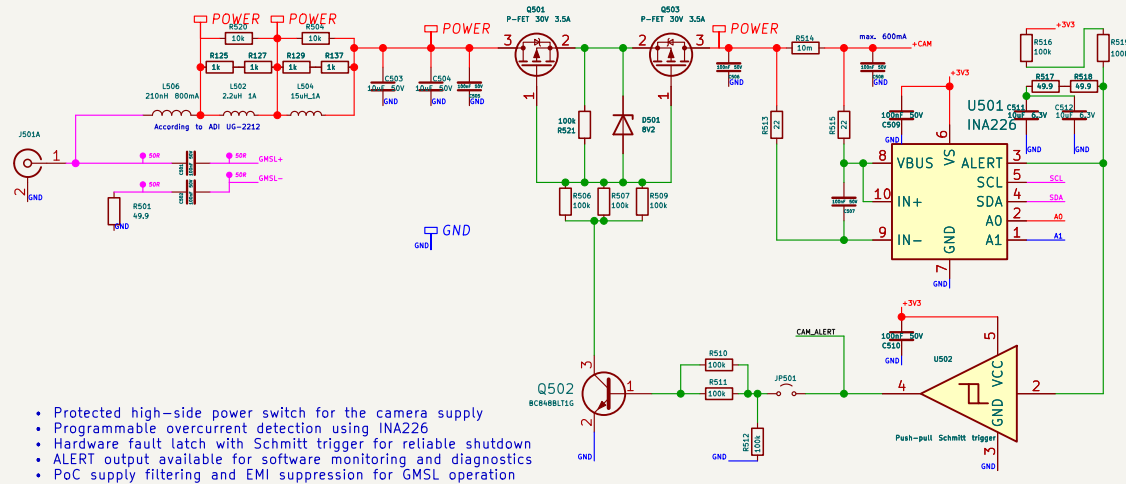
KiCad E.D.A. 10.0.3

Rev: A

Id: 10/11

+CAM → +CAM
 +3V3 → +3V3
 GND → GND
 SDA → SDA
 SCL → SCL
 CAM_ALERT → CAM_ALERT
 A0 → A0
 A1 → A1
 GMSL+ → GMSL+
 GMSL- → GMSL-

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Sheet: /TOP/GMSL_POC2/
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Title: BE-IIS-GMSL2-2CAM TOP

Size: A4 Date: 2026-06-01

KiCad E.D.A. 10.0.3

Rev: A

Id: 11/11