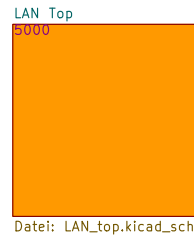


BE-IIS-HPP-ADC-Rev.A

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Size: A4 Date: 2026-08-30
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Rev: B
Id: 1/7

A



A



C



C



Id: 10/7

Isolated Supply

Isolated_5V_Supply
Date: Isolated_5V_Supply.kicad_sch

Channel A

U5006A
ADS8686S

Channel B

U5006B
ADS8686S

Signal isolation

ISO7741DWR

U5005
ISO7741DWR

Protection

TP5001 TP5002

A5000D

POWER

U5006D
ADS8686S

REGCAP REFGND REFIO REGFND REFIO_GND REFSEL

AGND AVDD AGND AVDD AGND AVDD AGND AVDD DGND DVDD

Software-Mode, Serial

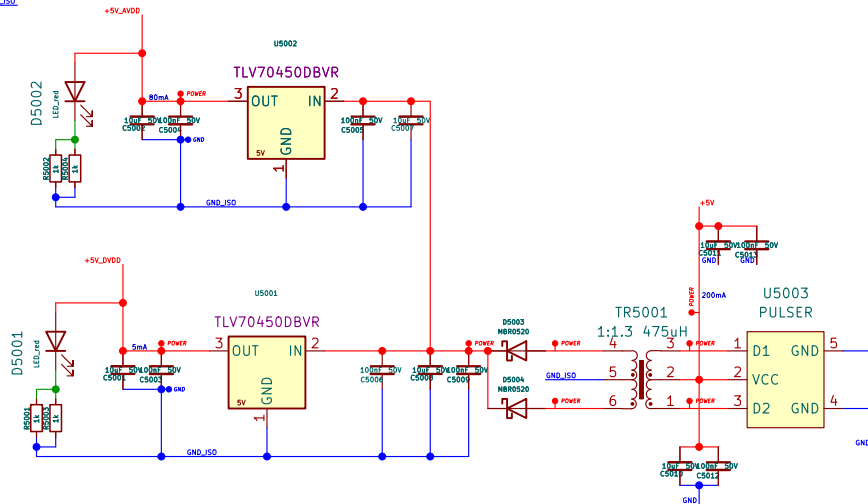
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Size: A4 Date: 2026-08-30
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Rev: B
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+5V_AVDD
+5V_DVDD

GND_ISO GND_ISO

GND
+5V



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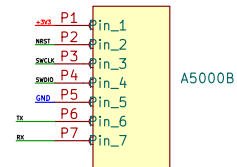
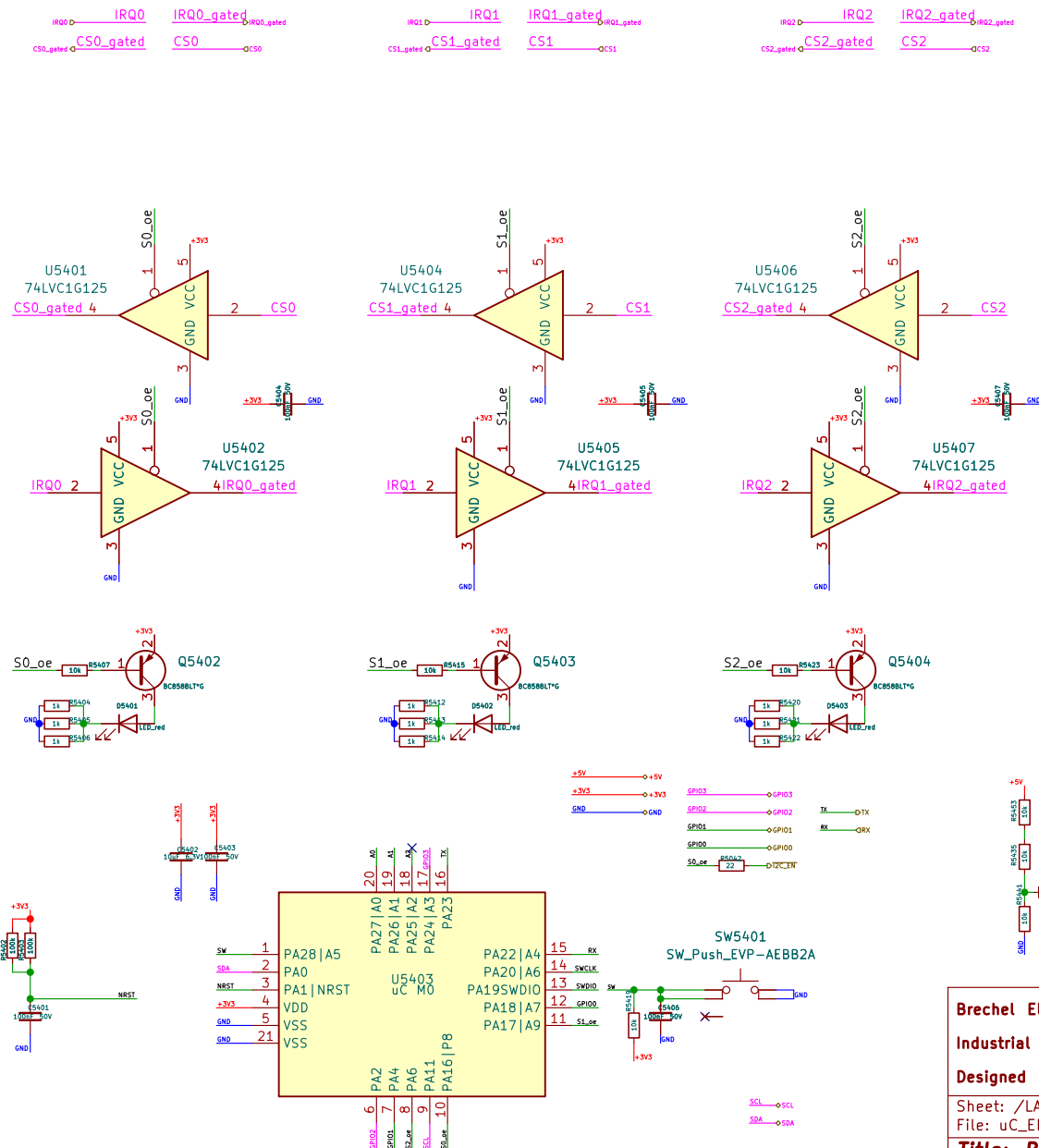
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Size: A4	Date: 2026-08-30
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