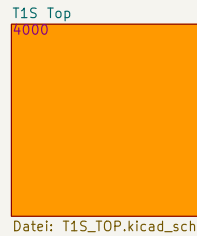


BE-IIS-HAT++T1S-ON-Rev.A

Brechel Electronic

Industrie Interface Solutions

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File: BRECHEL_HAT_T1S_ON.kicad_sch

Title: BE-IIS-HPP-T1S-ON

Size: A4 Date: 2026-09-21

KiCad E.D.A. 10.0.3

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1 2 3 4 5

A

HAT+ EEprom

4000D
+3V3 3mA
GND
CS
SDA
SCL
IRQ
GP00
GP01
GP02
GP03
+5V
I2C_EN
Date: uC_EEE.kicad_sch

T1S

J4001
Screw_Terminal_01x03
000_my_Connectors:Phoenix_1844223_1984620
J4000
Screw_Terminal_01x03
000_my_Connectors:Phoenix_1844223_1984620
T1S
+3V3 35mA
+3V3 6mA
RESET_N
CS
SDA
SCL
MISO
MOSI
INT
IRQ
GND
Date: T1S_sch.kicad_sch

Pi Pinout

A4000
2x20
9mA
+3V3
GND
SDA
SCL
IRQ
GP00
GP01
GP02
GP03
+5V
I2C_EN
Date: uC_EEE.kicad_sch

I2C Pullups

I2C_Pull-Up_EN
4625
+3V3
GND
SDA
SCL
Date: I2C_Pull-Up_EN.kicad_sch

I2C_Pull-Up_EN1
4600
+3V3
GND
SDA
SCL
Date: I2C_Pull-Up_EN1.kicad_sch

Outline

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Sheet: /T1S Top/
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Size: A4
Date: 2026-09-21
KiCad E.D.A. 10.0.3

Rev: A
Id: 9/6

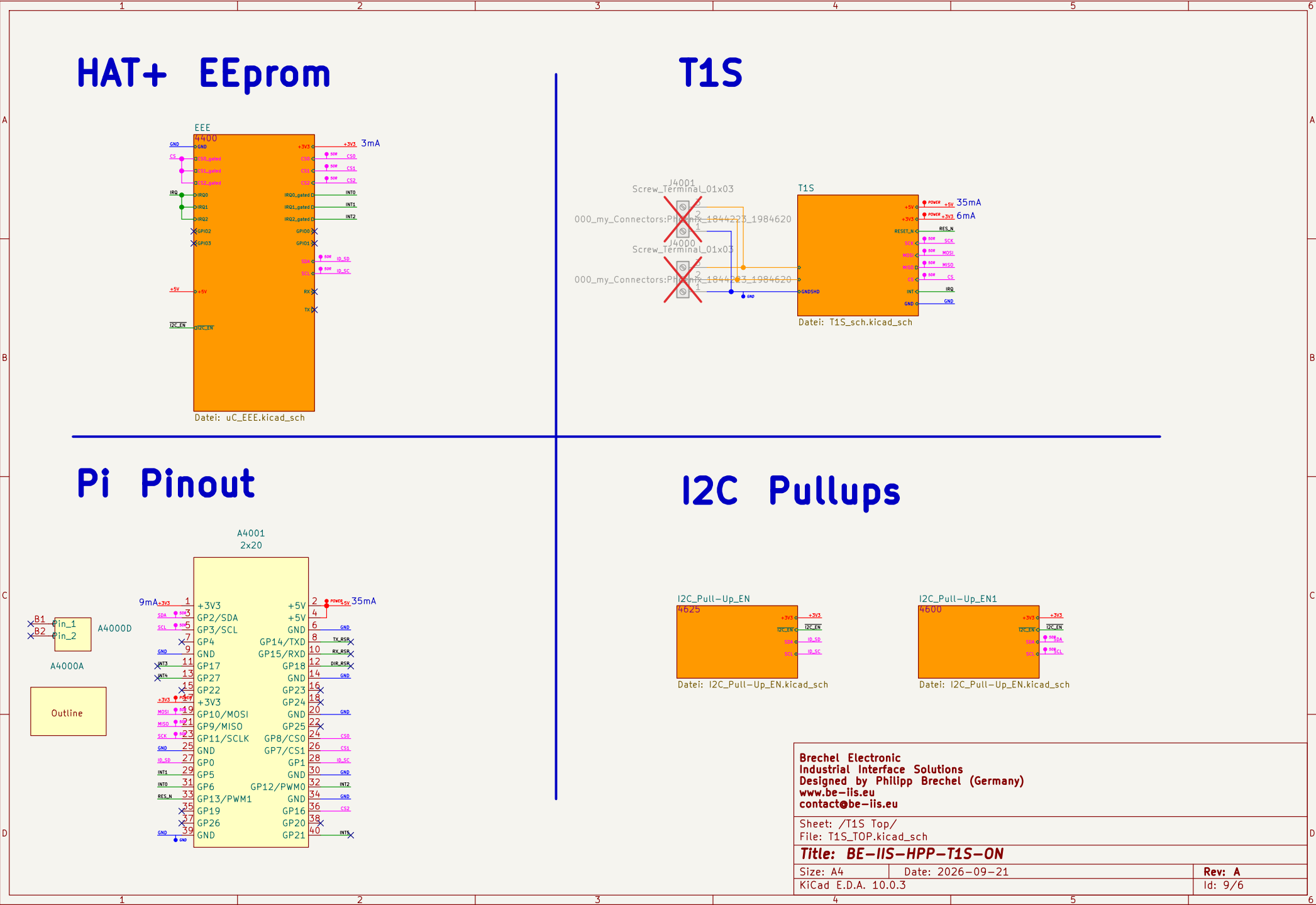
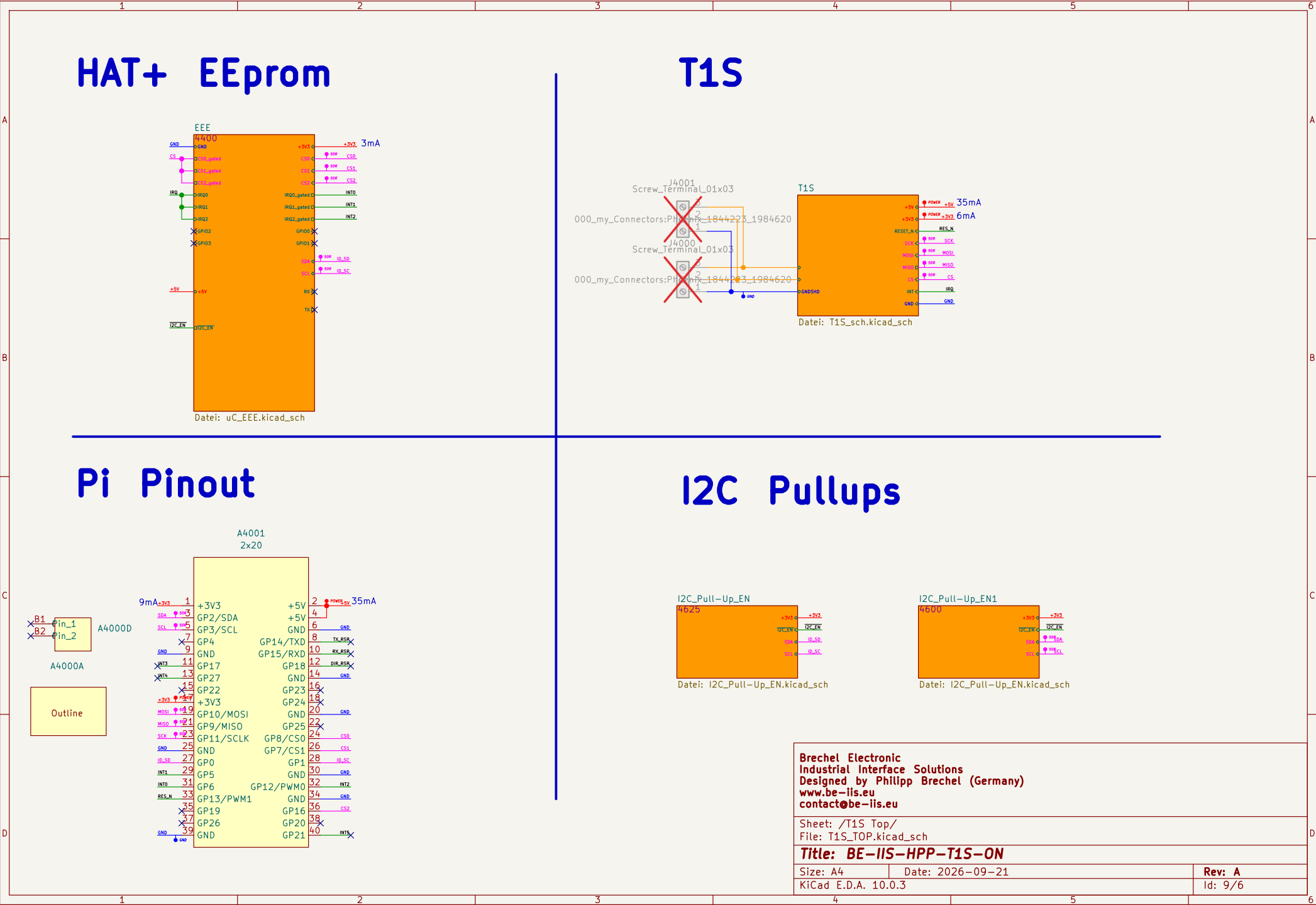
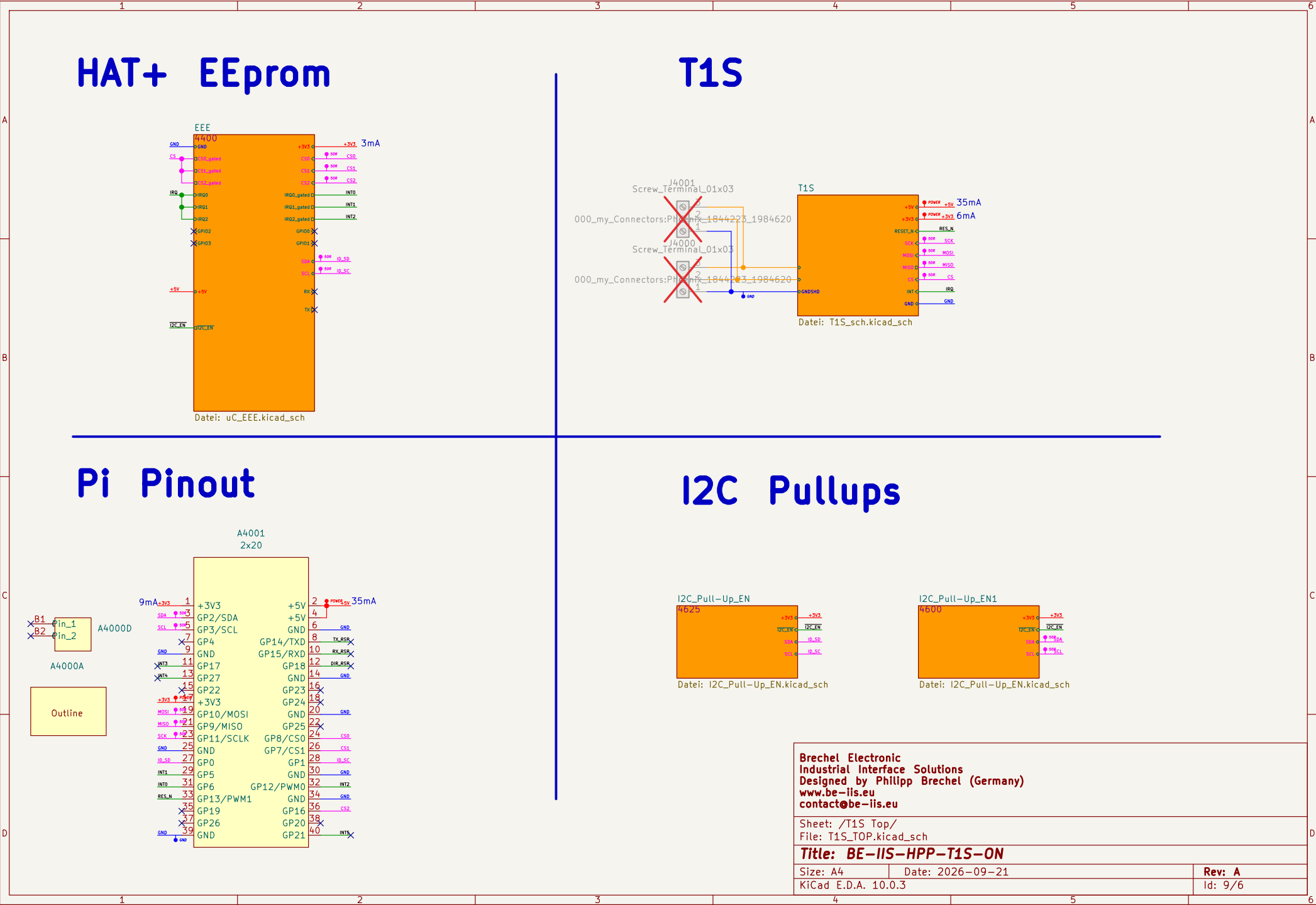
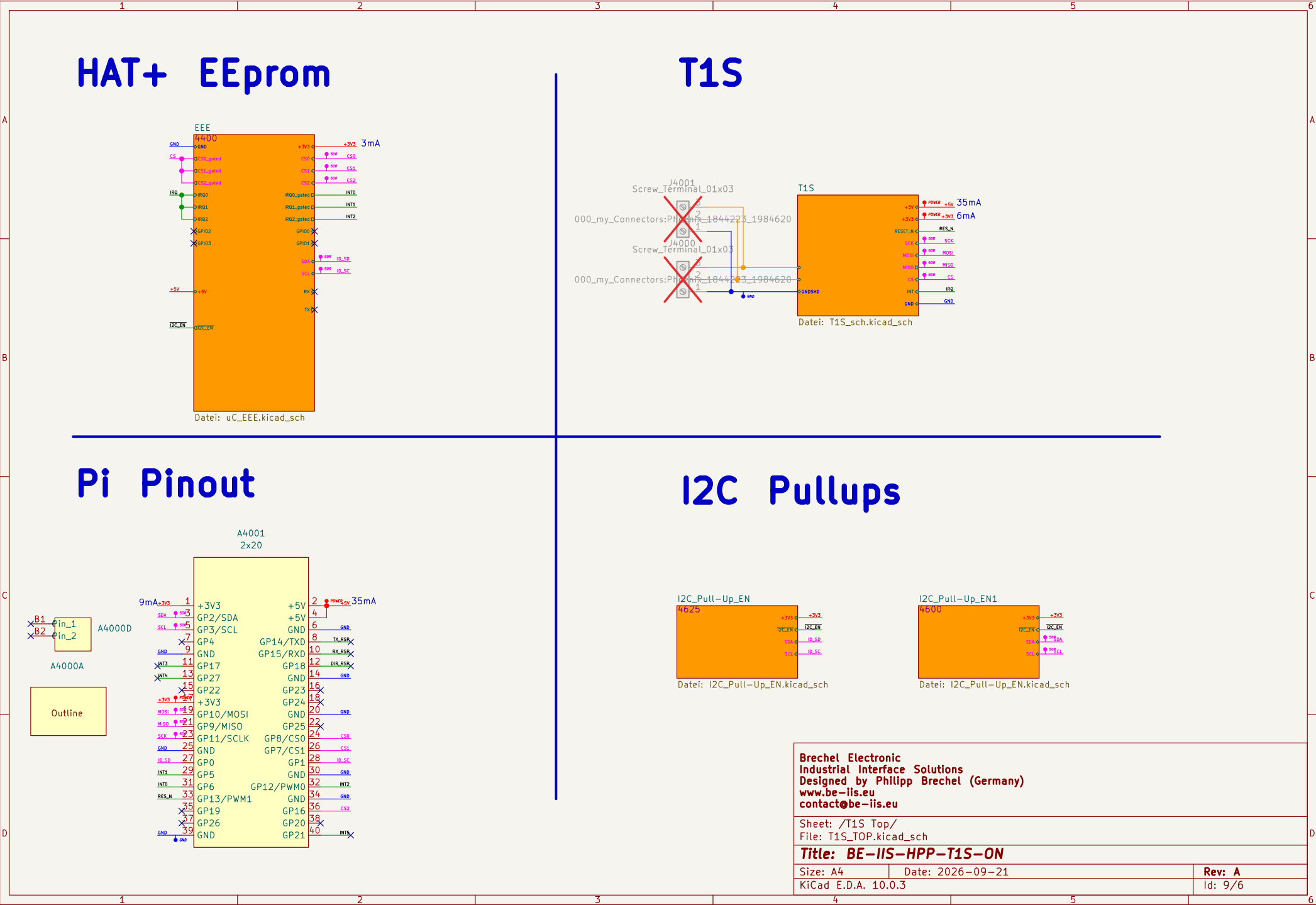
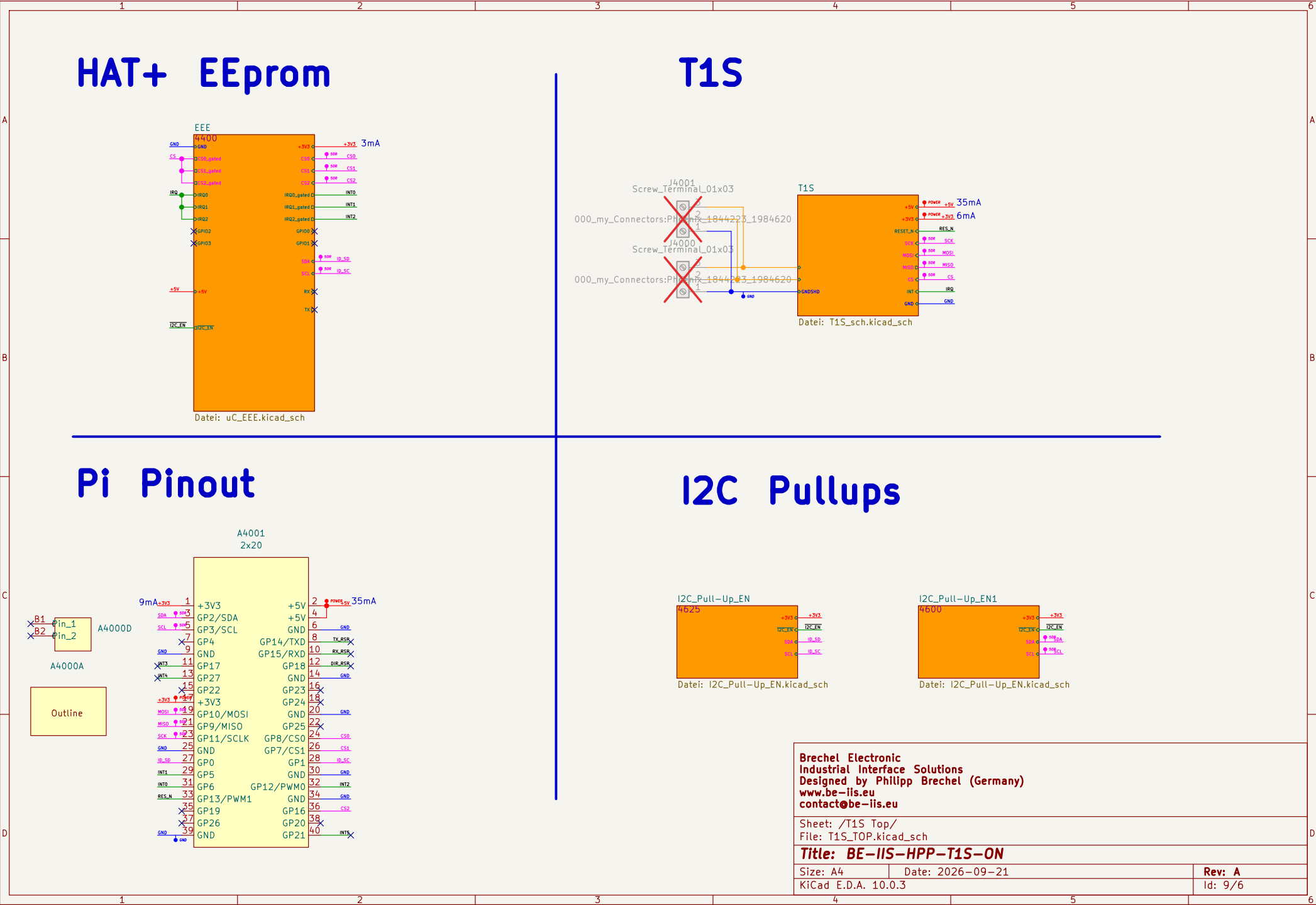
1 2 3 4 5

D

This diagram illustrates the pinout configuration for the T1S module, showing connections to various components like HAT+ EEprom, Pi Pinout, I2C Pullups, and J4001/J4000 screw terminals.

HAT+ EEprom

The HAT+ EEprom section shows the connection between the uC_EEE.kicad_sch component and the HAT+ EEprom module. The module has pins for GND, CS, IRQ, GP0, GP1, GP2, GP3, GP4, GP5, GP6, GP7, GP8, GP9, GP10, GP11, GP12, GP13, GP14, GP15, GP16, GP17, GP18, GP19, GP20, GP21, GP22, GP23, GP24, GP25, GP26, GP27, GP28, GP29, GP30, GP31, GP32, GP33, GP34, GP35, GP36, GP37, GP38, GP39, GP40, GP41, GP42, GP43, GP44, GP45, GP46, GP47, GP48, GP49, GP50, GP51, GP52, GP53, GP54, GP55, GP56, GP57, GP58, GP59, GP60, GP61, GP62, GP63, GP64, GP65, GP66, GP67, GP68, GP69, GP70, GP71, GP72, GP73, GP74, GP75, GP76, GP77, GP78, GP79, GP80, GP81, GP82, GP83, GP84, GP85, GP86, GP87, GP88, GP89, GP90, GP91, GP92, GP93, GP94, GP95, GP96, GP97, GP98, GP99, GP100, GP101, GP102, GP103, GP104, GP105, GP106, GP107, GP108, GP109, GP110, GP111, GP112, GP113, GP114, GP115, GP116, GP117, GP118, GP119, GP120, GP121, GP122, GP123, GP124, GP125, GP126, GP127, GP128, GP129, GP130, GP131, GP132, GP133, GP134, GP135, GP136, GP137, GP138, GP139, GP140, GP141, GP142, GP143, GP144, GP145, GP146, GP147, GP148, GP149, GP150, GP151, GP152, 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HAT+ EEprom

Date: uC_EEE.kicad_sch

T1S

Date: T1S_sch.kicad_sch

Pi Pinout

A4000A
Outline

I2C Pullups

Date: I2C_Pull-Up_EN.kicad_sch
Date: I2C_Pull-Up_EN1.kicad_sch

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HAT+ EEprom

Date: uC_EEE.kicad_sch

T1S

Date: T1S_sch.kicad_sch

Pi Pinout

A4000A
Outline

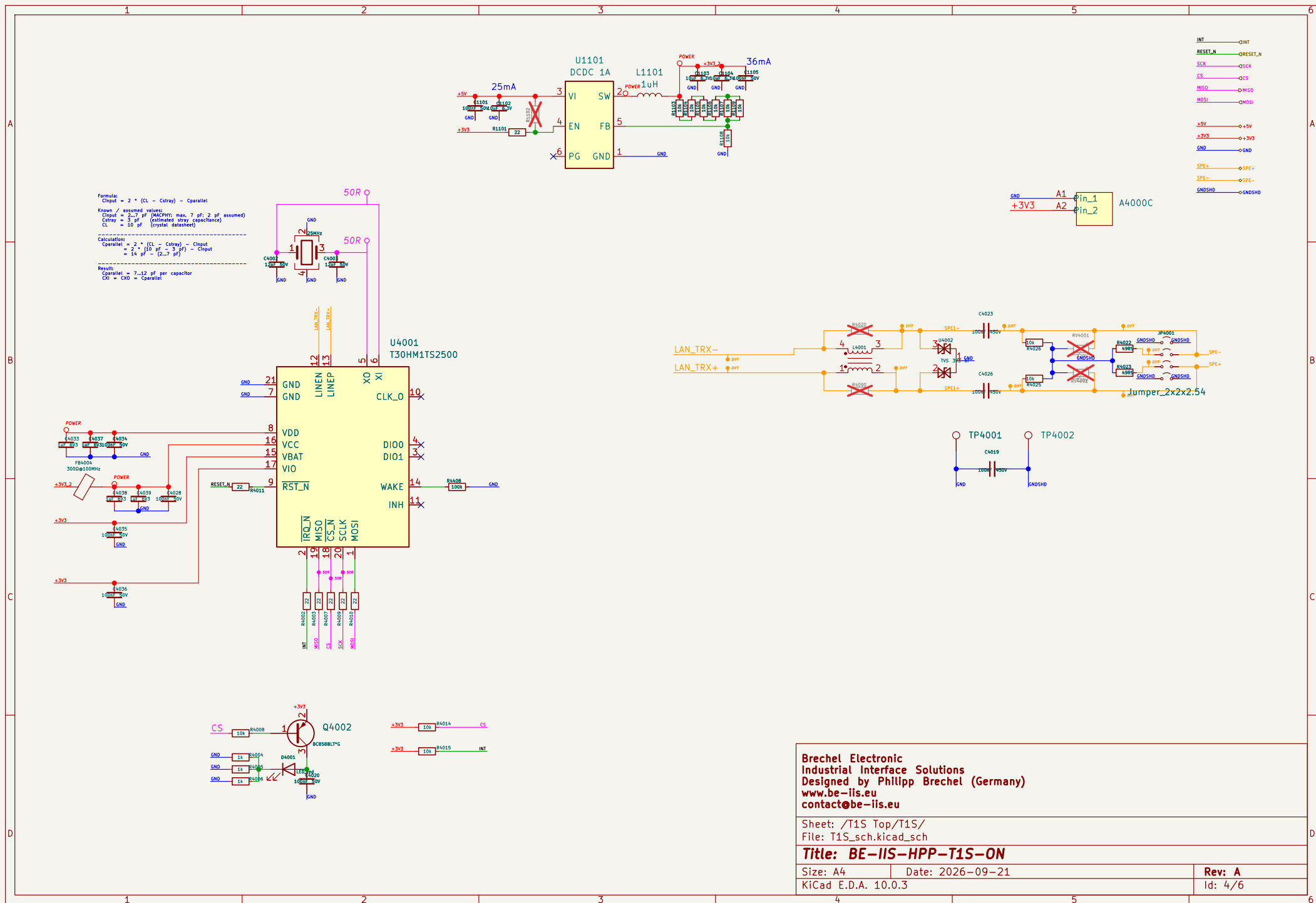
I2C Pullups

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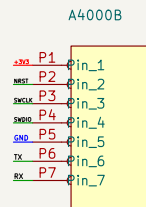
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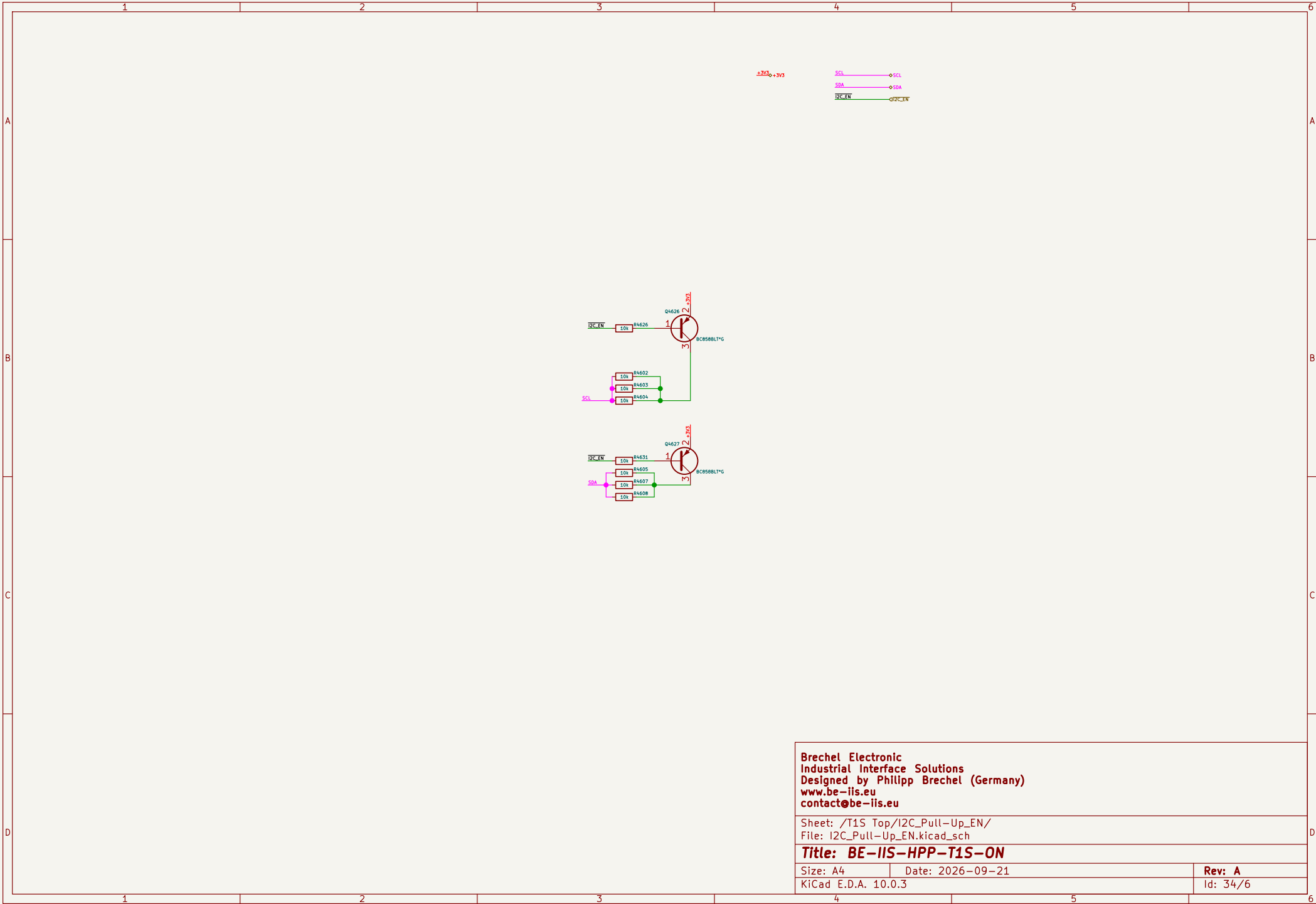
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Rev: A

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