

Sheet: RJ45_CAN_1



File: RJ45_CAN.sch

Sheet: RJ45_CAN_2



File: RJ45_CAN.sch

Sheet: RJ10_CAN_1



File: RJ10_CAN.sch

Sheet: RJ10_CAN_6



File: RJ10_CAN.sch

Sheet: RJ10_CAN_2



File: RJ10_CAN.sch

Sheet: RJ10_CAN_7



File: RJ10_CAN.sch

Sheet: RJ10_CAN_3



File: RJ10_CAN.sch

Sheet: RJ10_CAN_8



File: RJ10_CAN.sch

Sheet: RJ10_CAN_4



File: RJ10_CAN.sch

Sheet: RJ10_CAN_9



File: RJ10_CAN.sch

Sheet: TP_CAN_1



File: TP_CAN.sch

Sheet: TP_CAN_3



File: TP_CAN.sch

Sheet: RJ10_CAN_5



File: RJ10_CAN.sch

Sheet: RJ10_CAN_10



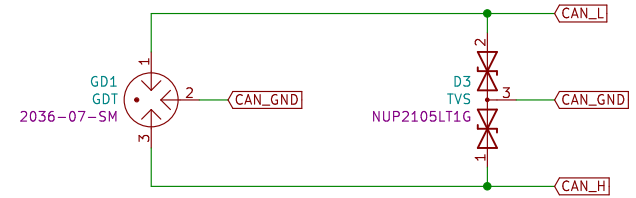
File: RJ10_CAN.sch

Sheet: TP_CAN_2



File: TP_CAN.sch

Protection



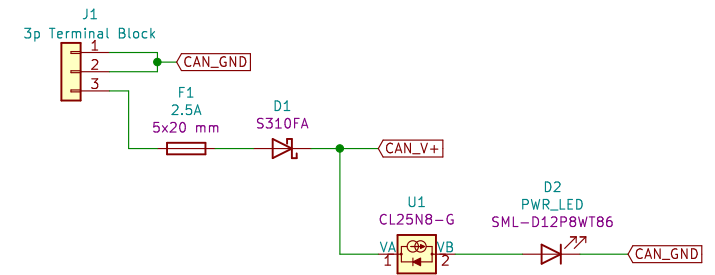
Termination resistor

Only populated at the end nodes



Power In

Fused and reverse polarity protected. Voltage drop of 0.85 V.
Suggested input voltage up to 50VDC.



Designed by: Erik Almbratt

Sheet: /
File: CAN-Distributor.sch

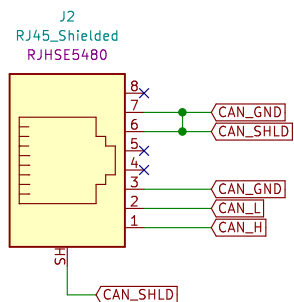
Title: CAN Distributor

Size: A4 Date: 2021-04-04

KiCad E.D.A. kicad (5.1.9)-1

Rev: 2.1

Id: 1/16



Note that the shield is tied to ground.

Designed by: Erik Almbratt

Sheet: /RJ45_CAN_1/
File: RJ45_CAN.sch

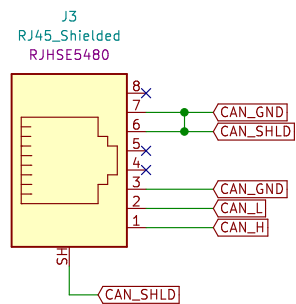
Title: CAN Distributor

Size: A4 Date: 2021-04-04

KiCad E.D.A. kicad (5.1.9)-1

Rev: 2.1

Id: 2/16



Note that the shield is tied to ground.

Designed by: Erik Almbratt

Sheet: /RJ45_CAN_2/
File: RJ45_CAN.sch

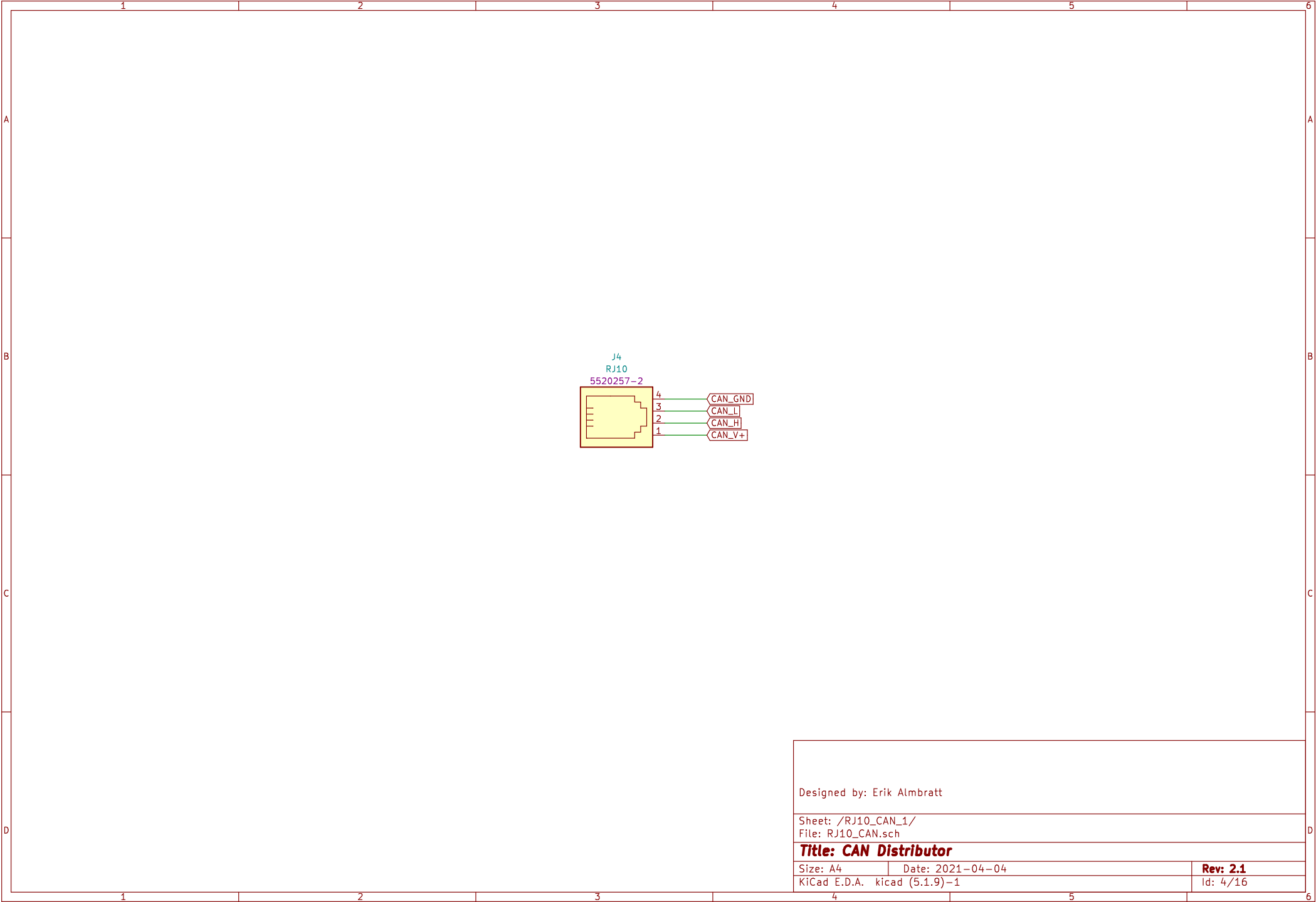
Title: CAN Distributor

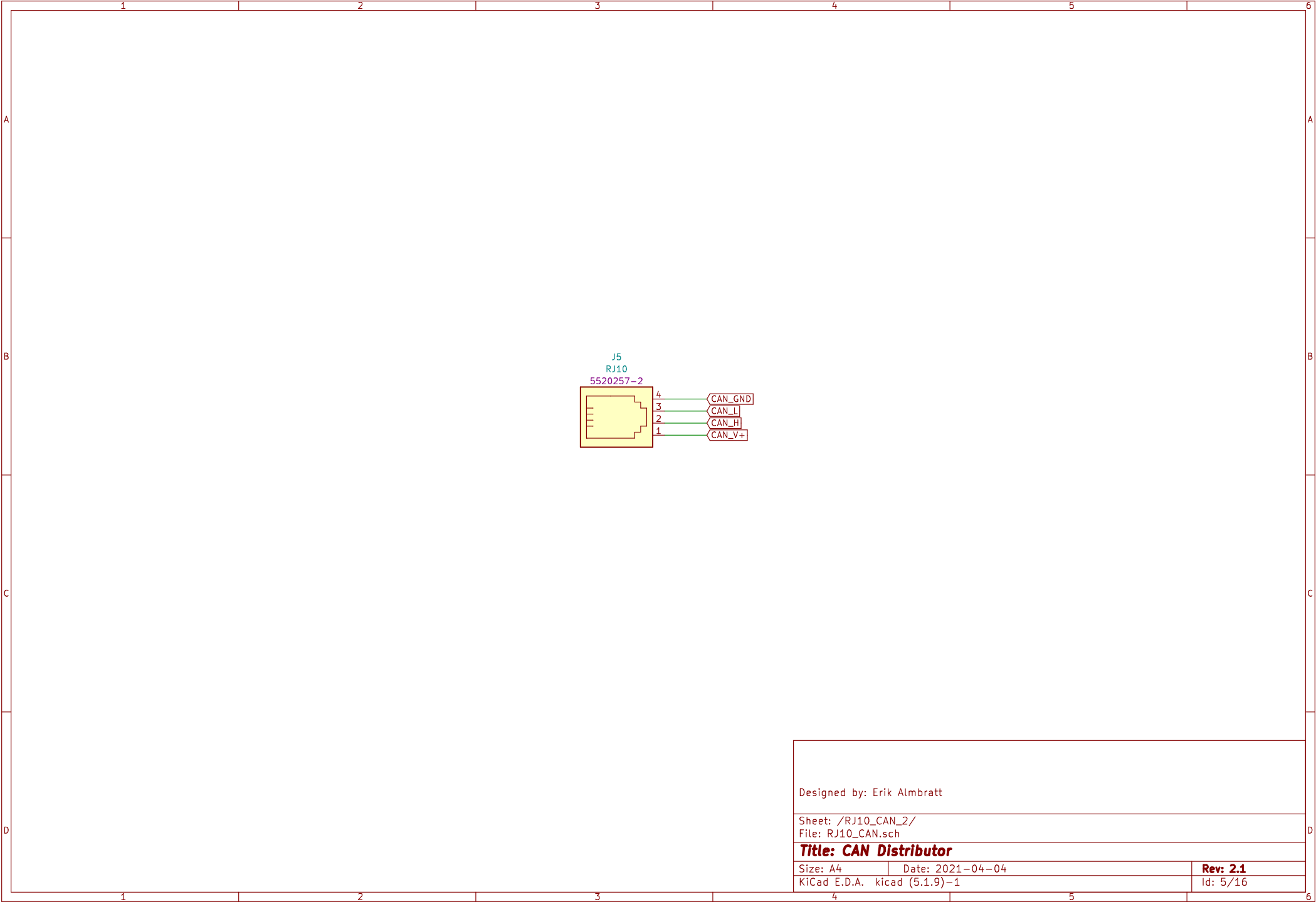
Size: A4 Date: 2021-04-04

KiCad E.D.A. kicad (5.1.9)-1

Rev: 2.1

Id: 3/16





Designed by: Erik Almbratt

Sheet: /RJ10_CAN_2/
File: RJ10_CAN.sch

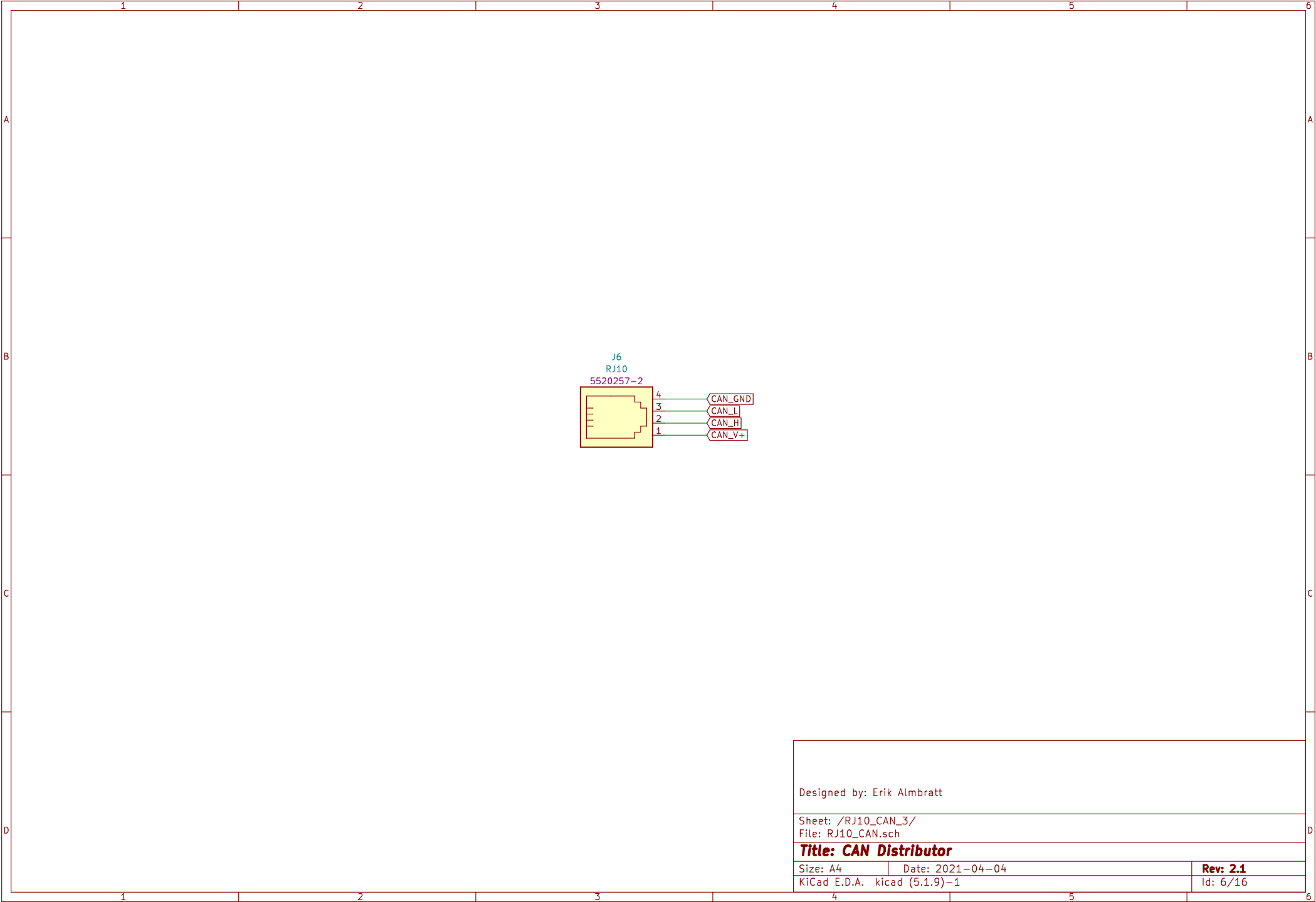
Title: CAN Distributor

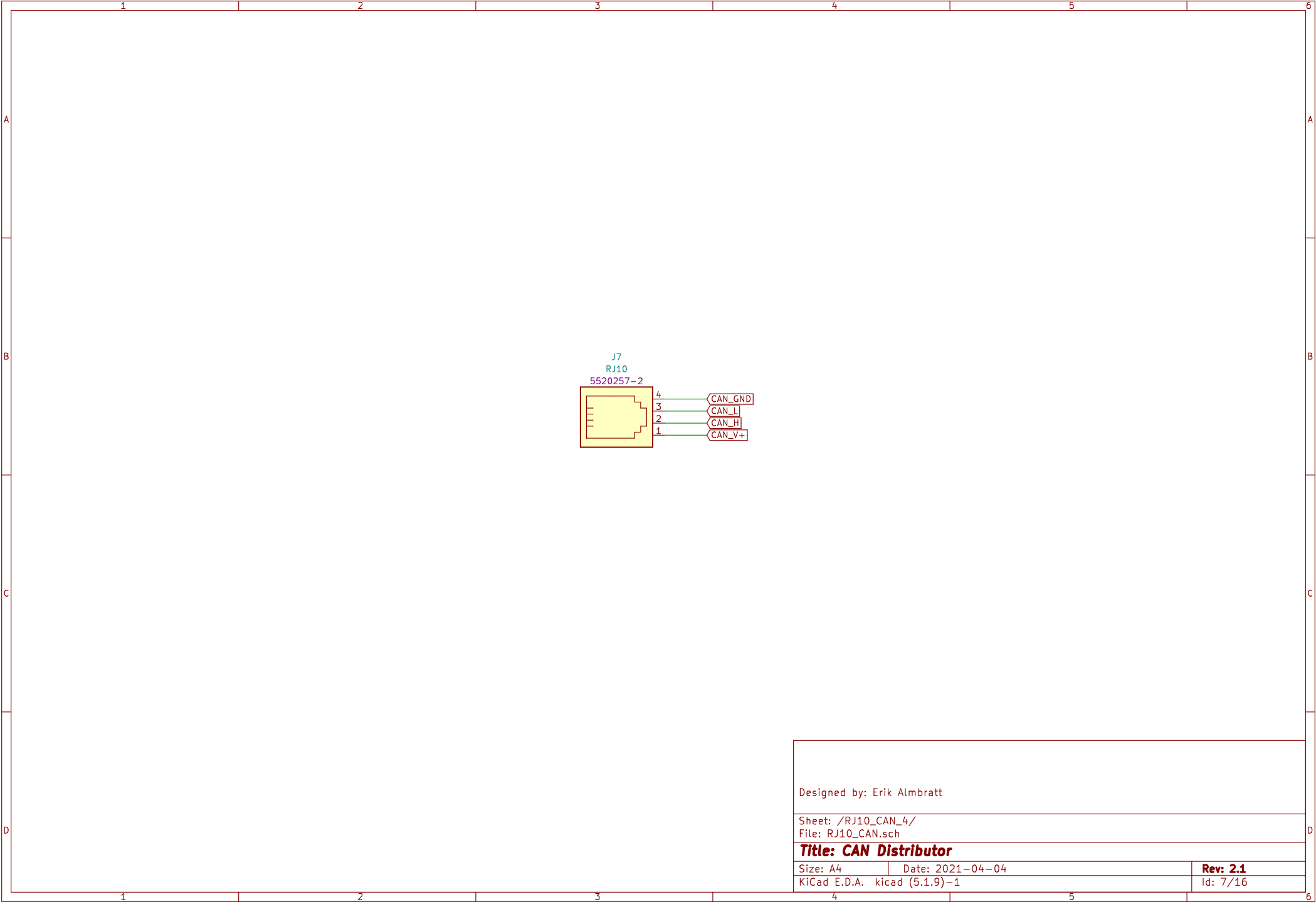
Size: A4 Date: 2021-04-04

KiCad E.D.A. kicad (5.1.9)-1

Rev: 2.1

Id: 5/16





Designed by: Erik Almbratt

Sheet: /RJ10_CAN_4/
File: RJ10_CAN.sch

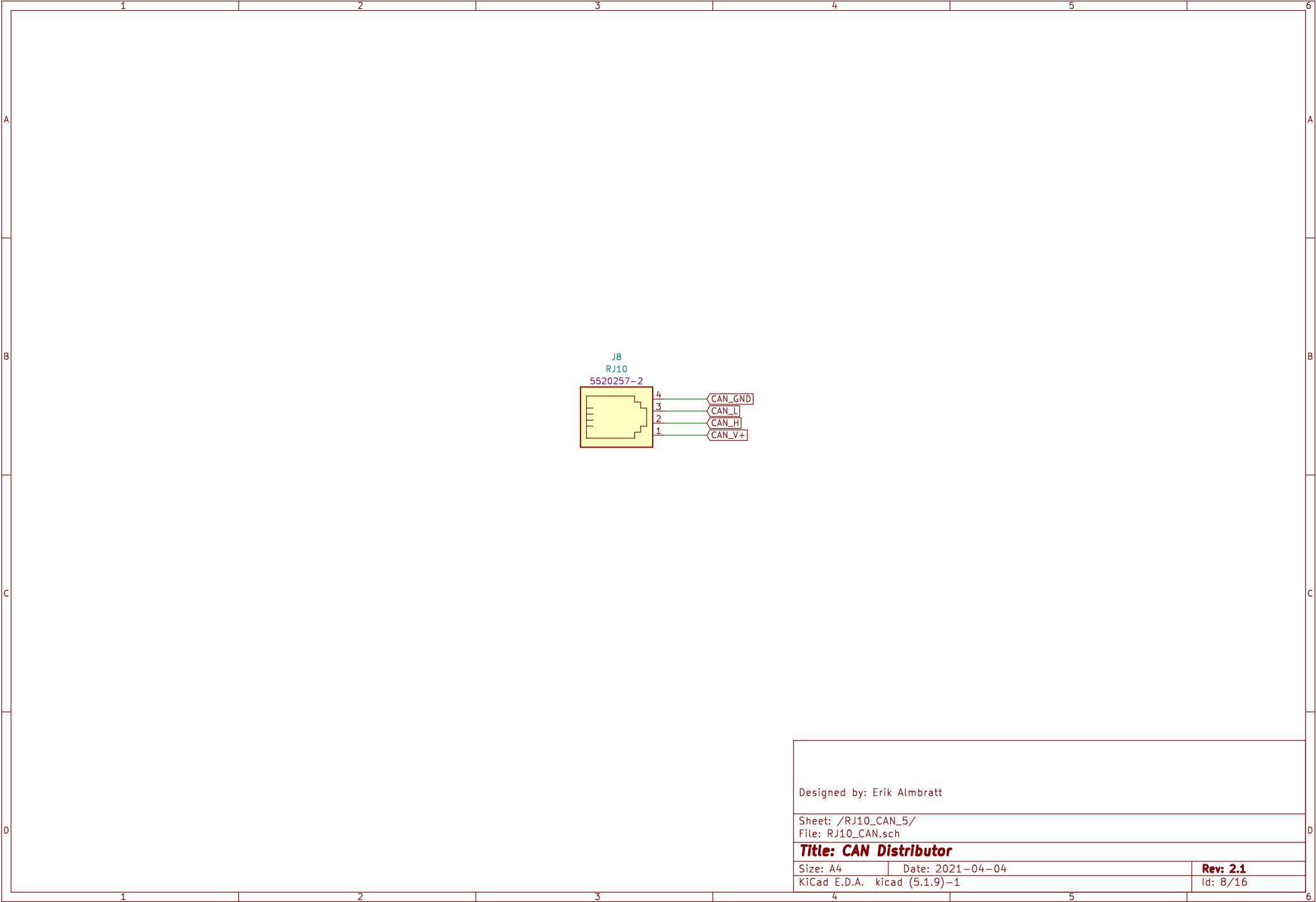
Title: CAN Distributor

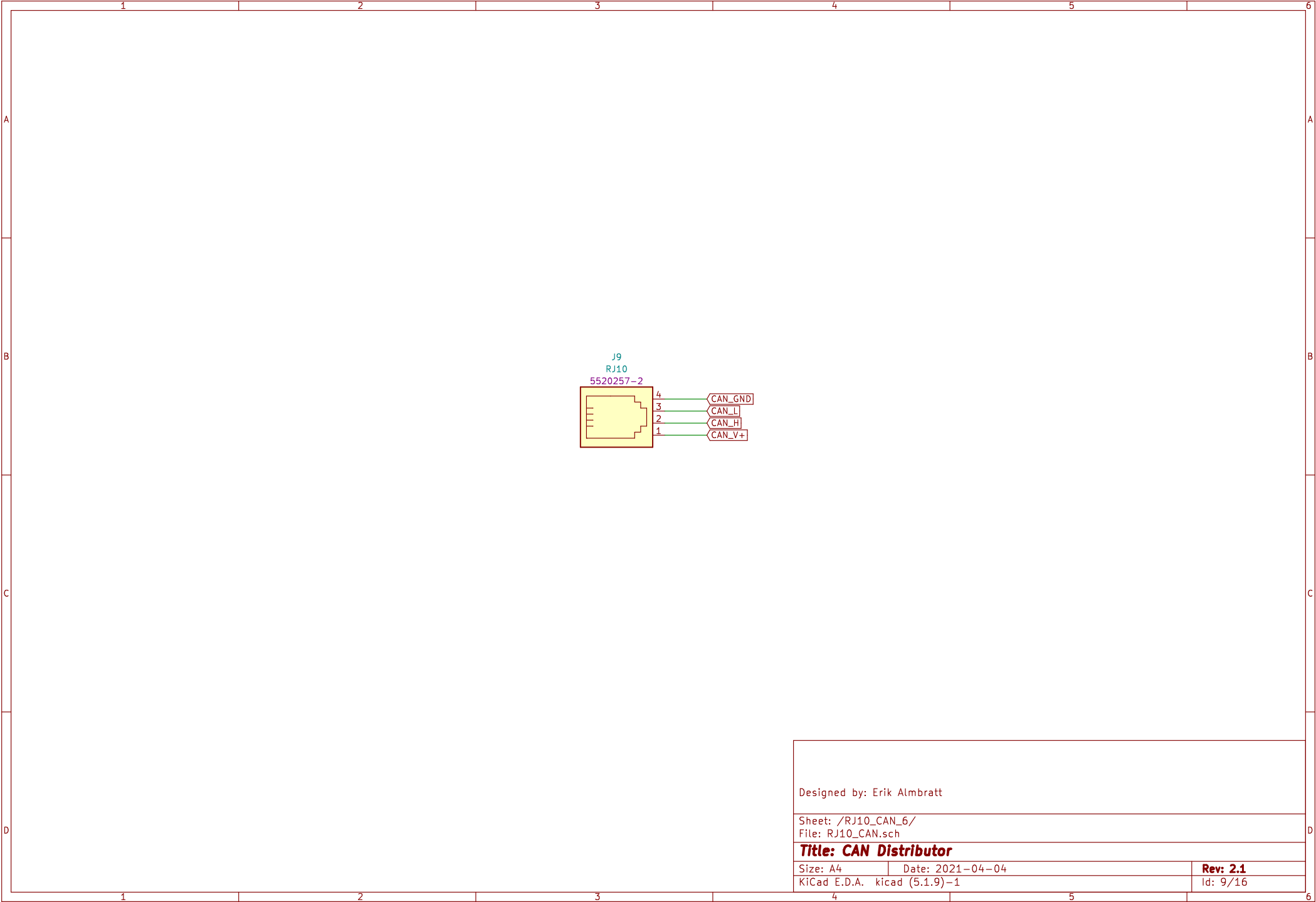
Size: A4 Date: 2021-04-04

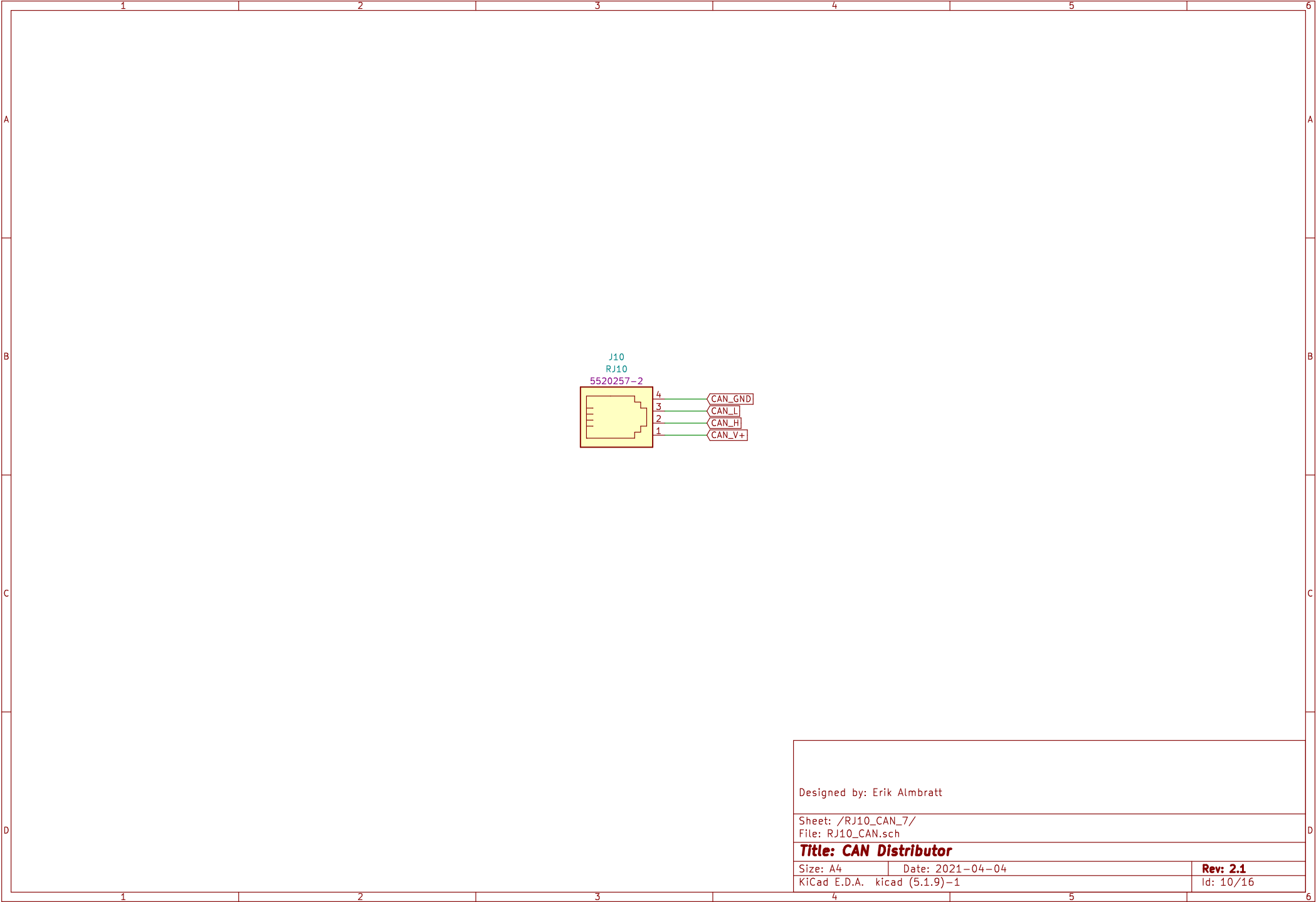
KiCad E.D.A. kicad (5.1.9)-1

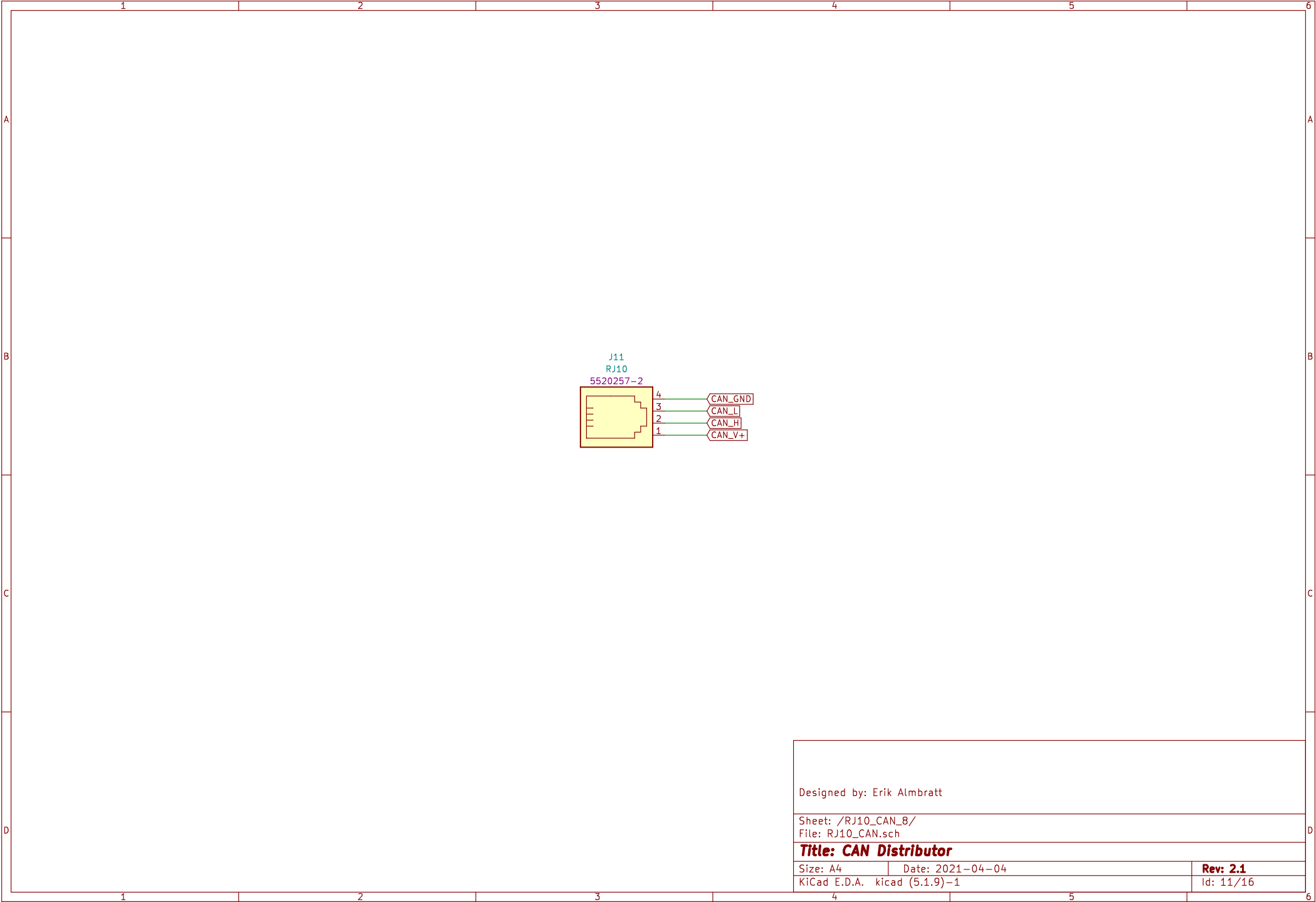
Rev: 2.1

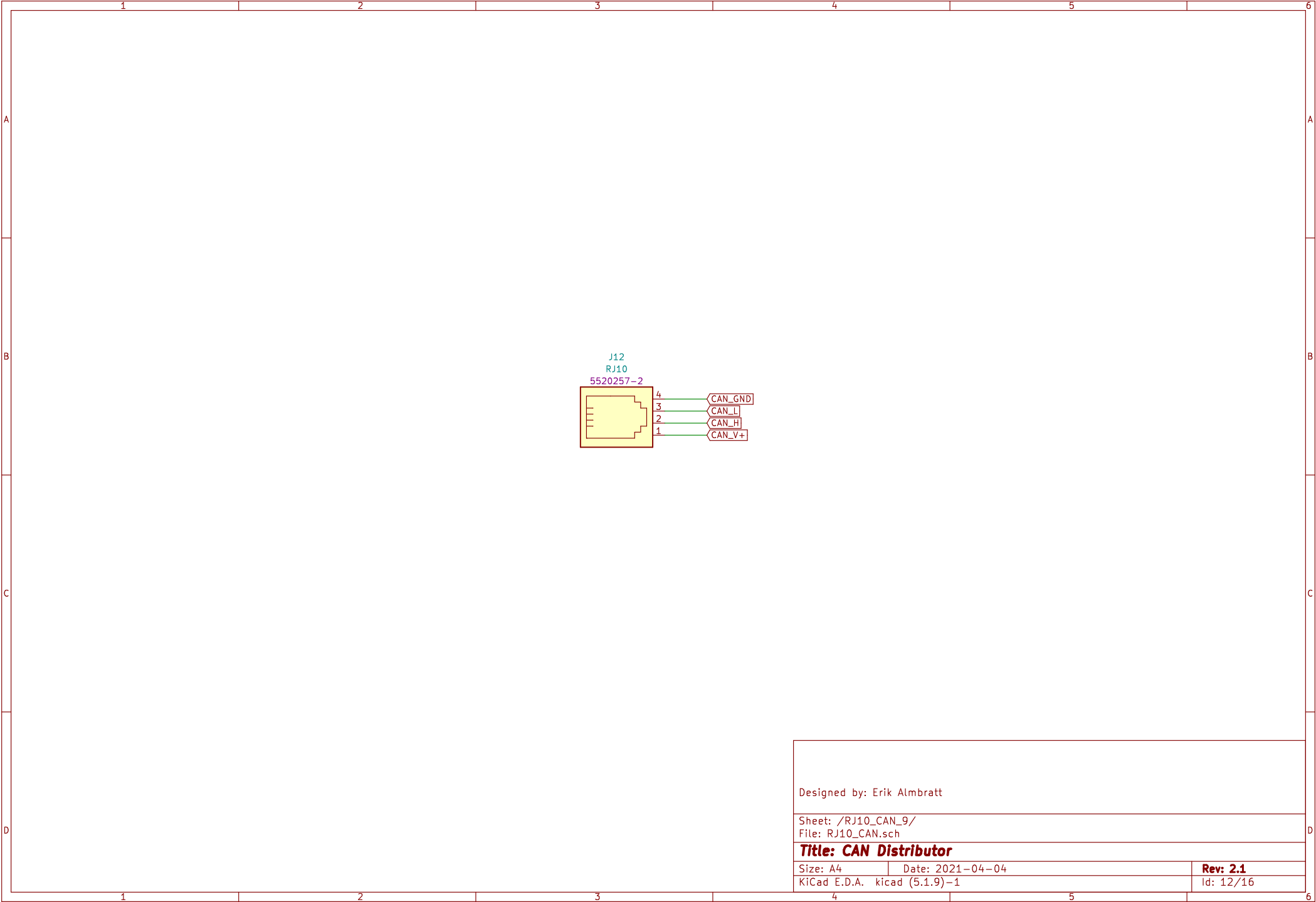
Id: 7/16











Designed by: Erik Almbratt

| | | |
|---|------------------|-----------|
| Sheet: /RJ10_CAN_9/ File: RJ10_CAN.sch | | |
| Title: CAN Distributor | | |
| Size: A4 | Date: 2021-04-04 | Rev: 2.1 |
| KiCad E.D.A. kicad (5.1.9)-1 | | Id: 12/16 |

