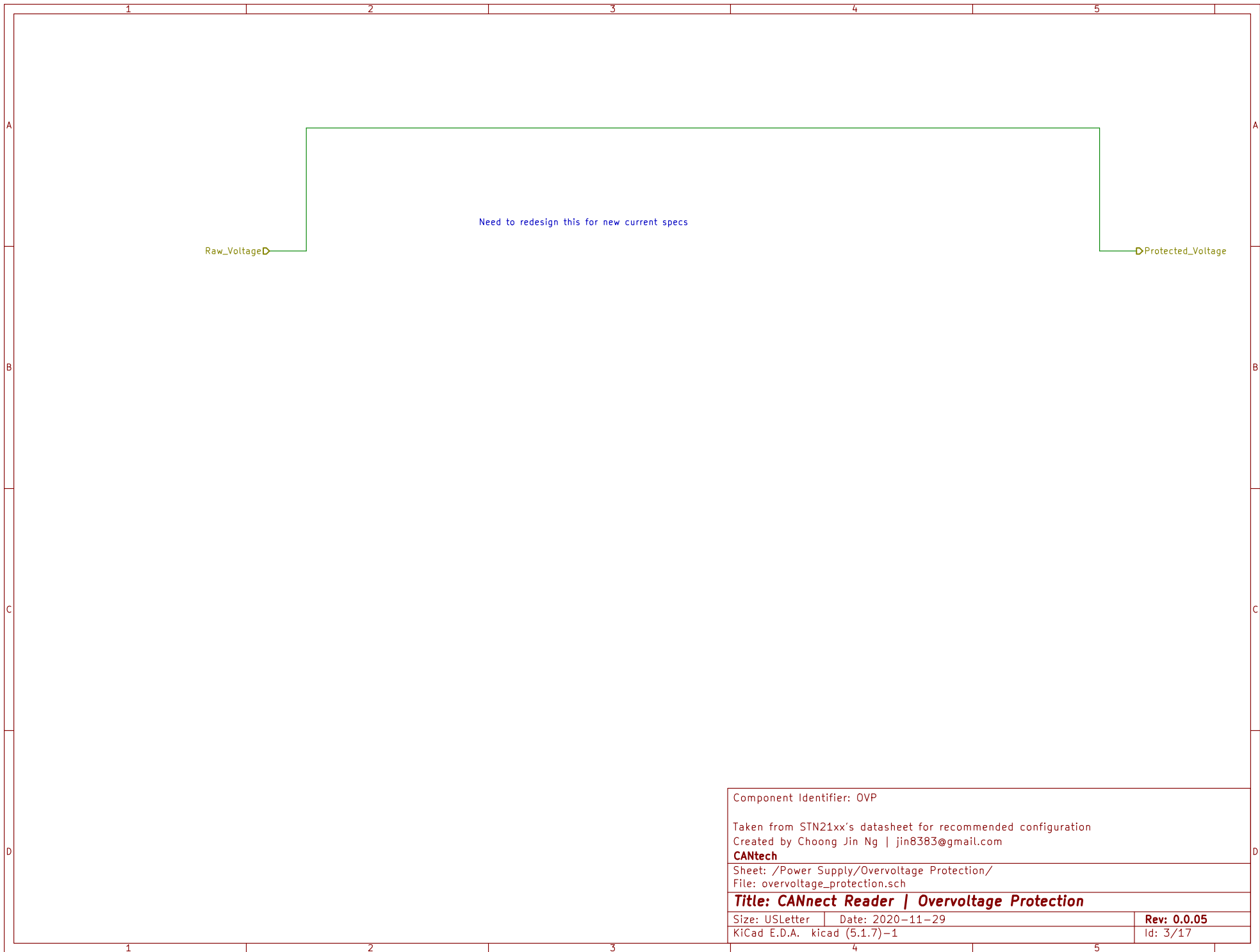
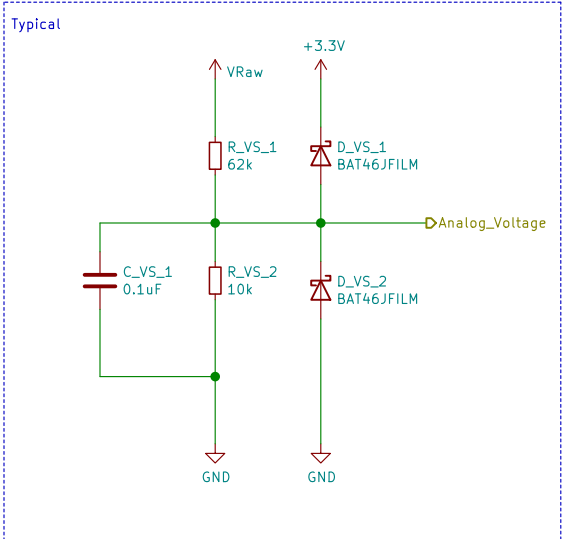


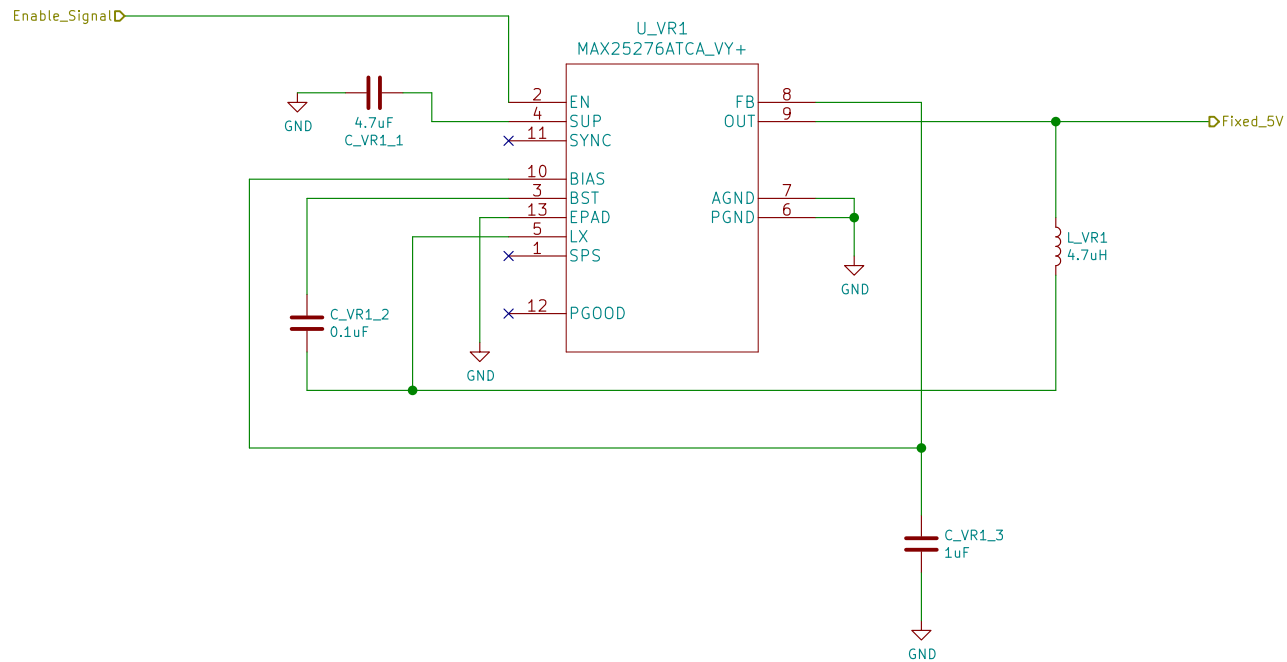
Component Identifier:		
Created by Choong Jin Ng jin8383@gmail.com		
CANTech		
Sheet: /		
File: Reader.sch		
Title: CANnect Reader		
Size: USLetter	Date: 2020-11-29	Rev: 0.0.05
KiCad E.D.A. kicad (5.1.7)-1		Id: 1/17



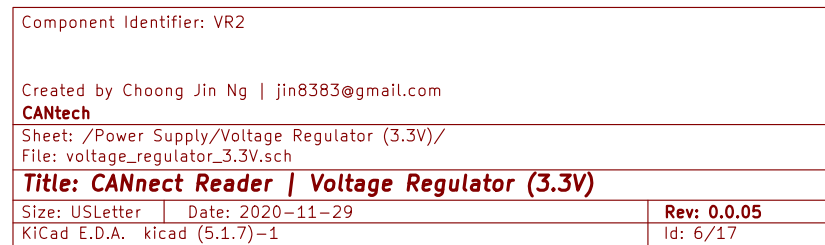
Component Identifier: OVP		
Taken from STN21xx's datasheet for recommended configuration Created by Choong Jin Ng jin8383@gmail.com CANtech		
Sheet: /Power Supply/Overvoltage Protection/ File: overvoltage_protection.sch		
Title: CANnect Reader Overvoltage Protection		
Size: USLetter	Date: 2020-11-29	Rev: 0.0.05
KiCad E.D.A. kicad (5.1.7)-1		Id: 3/17



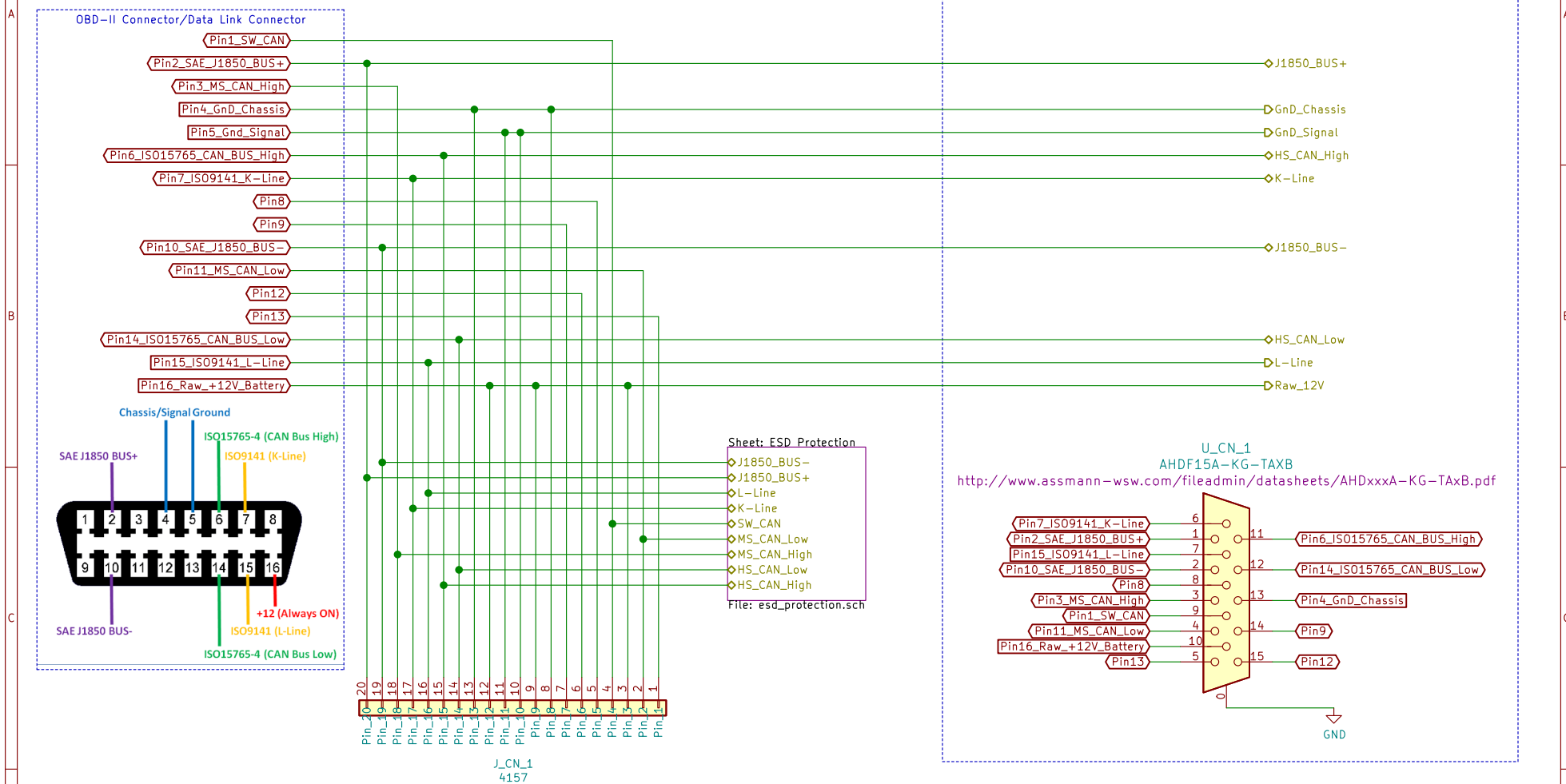
Component Identifier: VS		
Taken from STN21xx's datasheet for recommended configuration Created by Choong Jin Ng jin8383@gmail.com		
CANtech		
Sheet: /Power Supply/Voltage Sense/ File: voltage_sense.sch		
Title: CANnect Reader / Voltage Sense		
Size: USLetter	Date: 2020-11-29	Rev: 0.0.05
KiCad E.D.A. kicad (5.1.7)-1		Id: 4/17



Component Identifier: VR1		
Created by Choong Jin Ng jin8383@gmail.com		
CANtech		
Sheet: /Power Supply/Voltage Regulator (5V)/		
File: voltage_regulator_5v.sch		
Title: CANnect Reader Voltage Regulator (5V)		
Size: USLetter	Date: 2020-11-29	Rev: 0.0.05
KiCad E.D.A. kicad (5.1.7)-1	Id: 5/17	



Reference: https://components101.com/sites/default/files/component_pin/OBD2-Connector-Pinout.png



Component Identifier: CN

Taken from STN21xx's datasheet for recommended configuration
Created by Choong Jin Ng | jin8383@gmail.com

CANtech

Sheet: /OBD Connector/
File: obd_connector.sch

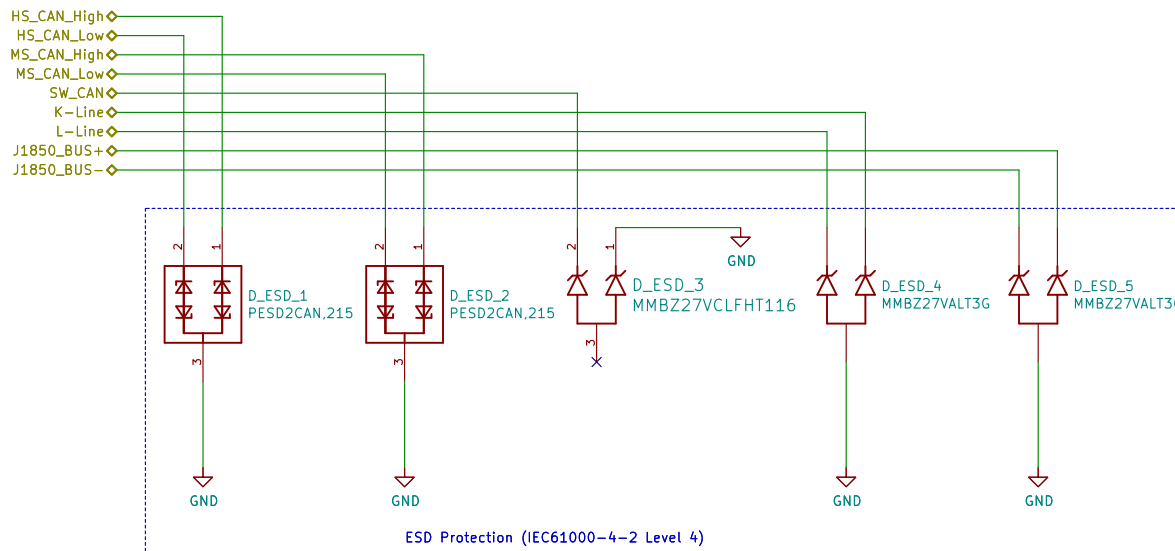
Title: CANnect Reader | OBD Connector

Size: USLetter Date: 2020-11-29

KiCad E.D.A. kicad (5.1.7)-1

Rev: 0.0.05

Id: 7/17



Component Identifier: ESD
Taken from STN21xx's datasheet for recommended configuration

Created by Choong Jin Ng | jin8383@gmail.com

CANtech

Sheet: /OBD Connector/ESD Protection/
File: esd_protection.sch

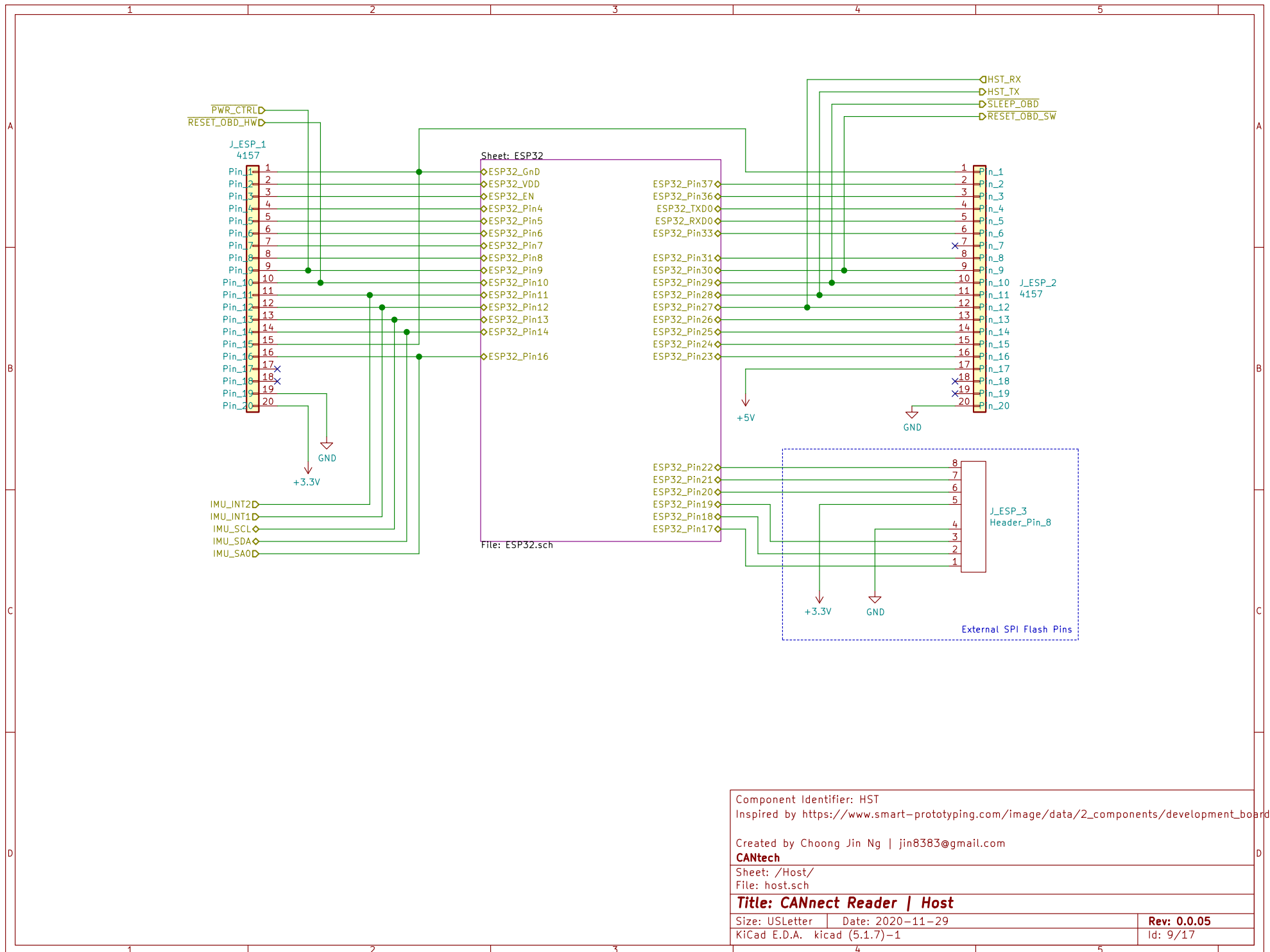
Title: CANnect Reader | ESD Protection

Size: USLetter | Date: 2020-11-29

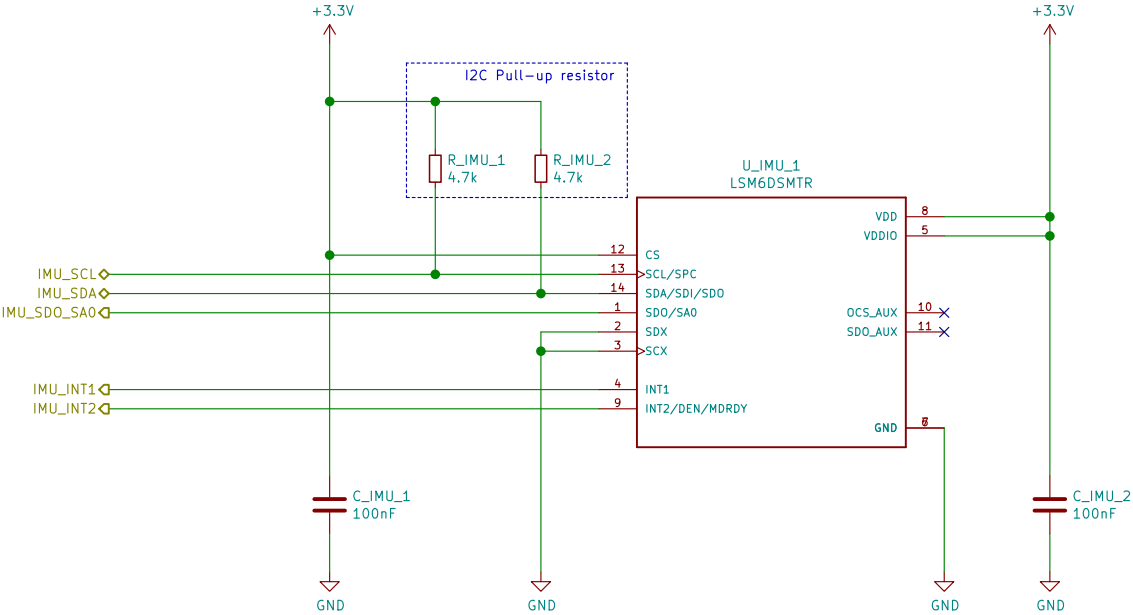
KiCad E.D.A. kicad (5.1.7)-1

Rev: 0.0.05

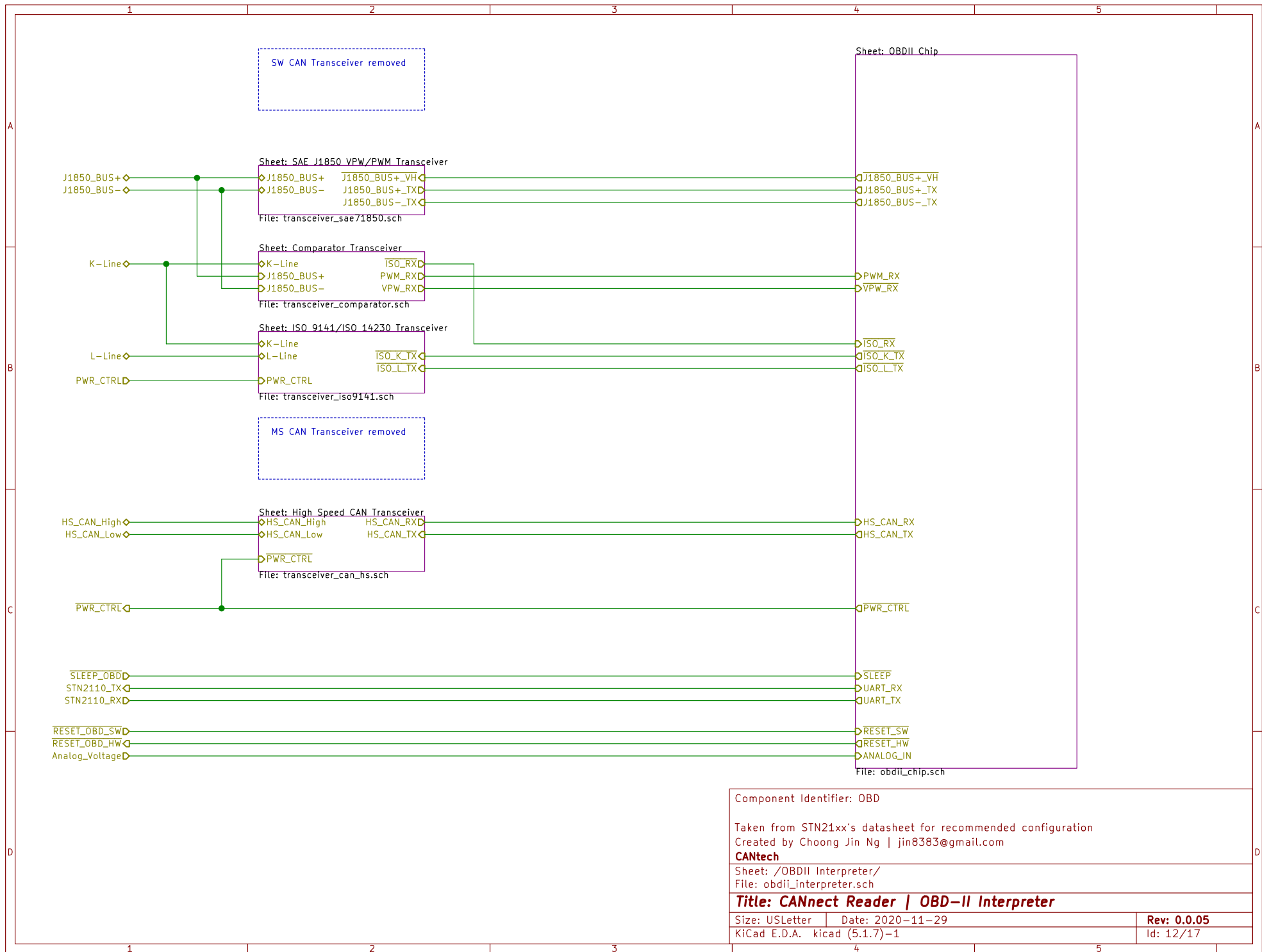
Id: 8/17

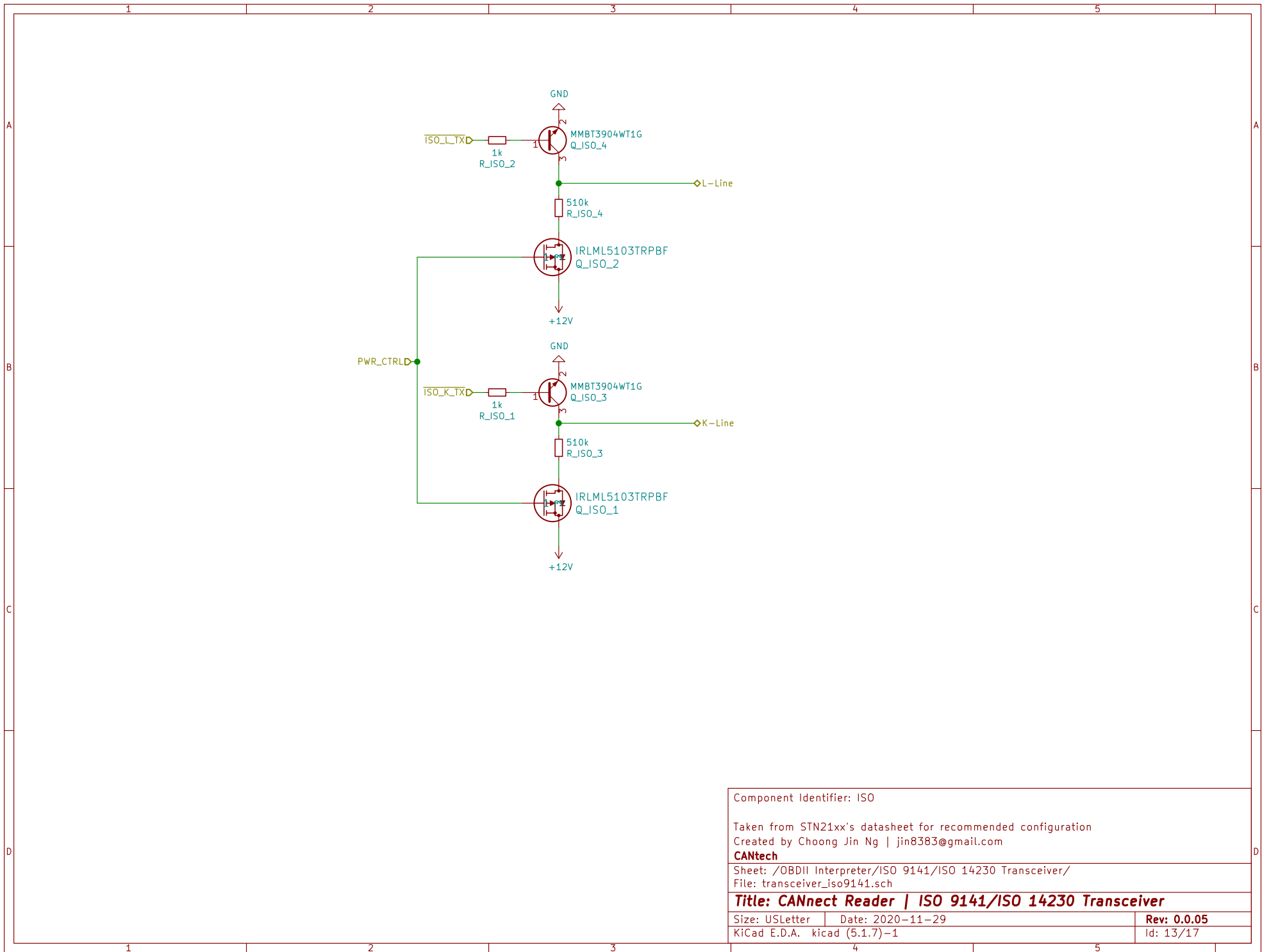






Component Identifier: IMU		
Created by Choong Jin Ng jin8383@gmail.com		
CANtech		
Sheet: /Reader IMU/		
File: reader_imu.sch		
Title: CANnect Reader IMU		
Size: A4	Date: 2020-11-29	Rev: 0.0.05
KiCad E.D.A. kicad (5.1.7)-1		Id: 11/17





Component Identifier: ISO		
Taken from STN21xx's datasheet for recommended configuration		
Created by Choong Jin Ng jin8383@gmail.com		
CANtech		
Sheet: /OBDII Interpreter/ISO 9141/ISO 14230 Transceiver/		
File: transceiver_iso9141.sch		
Title: CANnect Reader ISO 9141/ISO 14230 Transceiver		
Size: USLetter	Date: 2020-11-29	Rev: 0.0.05
KiCad E.D.A. kicad (5.1.7)-1	Id: 13/17	

