I2C Pullup Resistors

I2C_Clk  | Reg3p3V
---|---
I2C_Data  | Reg3p3V

Reg3p3V  | CAN_H  | CAN_L  | CAN_TxD  | CAN_RxD
---|---|---|---|---
Vin  | CAN_H  | CAN_L  | IsoTxD  | IsoRxD
---|---|---|---|---
CAN_H  | CAN_L  | CAN_H  | CAN_L  | CAN_H  | CAN_L
---|---|---|---|---|---
CAN_H  | CAN_L  | CAN_H  | CAN_L  | CAN_H  | CAN_L
---|---|---|---|---|---
Reg3p3V  | GLV12V  | GLV_Gnd
---|---

5V Regulator for Isolated CAN Transceiver

U6
MIC4680-5V

Isolated CAN Transceiver
U5
IL4105D-3

ECE-492
William Stathis
Safety Loop Logic and Relay Control

Charge Relay and Fan Control

Charger Detection

Watchdog Timer

Low Voltage

Charge Relay and Fan Control

Charger Detection

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Low Voltage