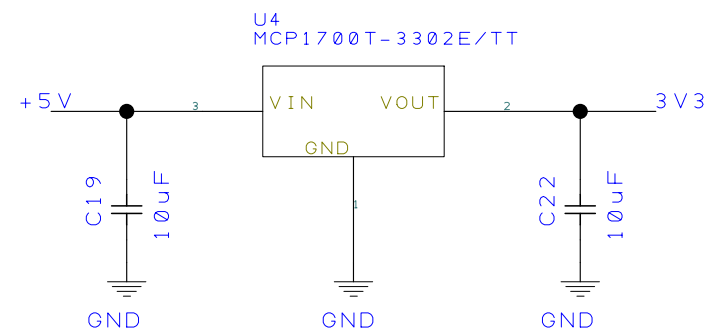
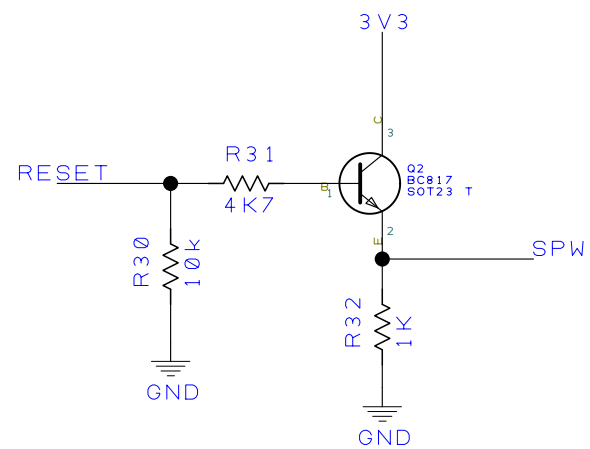
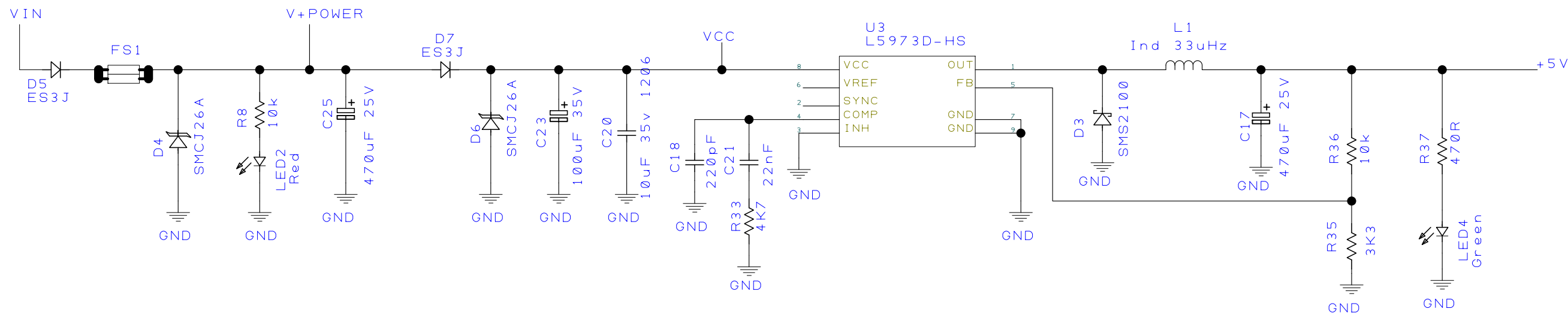
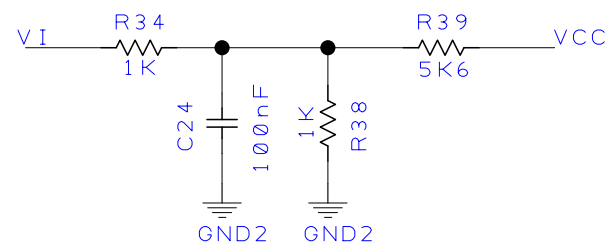


VOLTAGE REGULATION



INPUT VOLT METER



Rev -	Drawn D. L. G.	Check	Projection Do Not Scale	AGRIGEL	Sheet of
Project Agrigel Precision Flow			Client AGRIGEL		
Title DIAGNOSTIC BOARD			Filename	Drawing No.	

CANBUS TRANSCEIVER

PL2
CONN_SIL_2

PL1
CONN_SIL_2

IC2
MCP2551-1/SN

TXD 8
Vss 2
Vdd 3
RXD 4
CANL 6
CANH 7
Vref 5

TX
RX

+5V

C15
100 nF

GND

R2
60R4

R1
60R4

C1
22 nF

GND

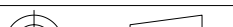
J4
4 Pin ST 5 35 deg

J3
4 Pin ST 5 35 deg

MAIN UNIT

GND

The diagram shows a CH340G IC (IC1) acting as a USB-to-serial bridge. On the USB side, it connects to a +5V supply, two LEDs (D1, D2), and three capacitors (C6, C7, C9). On the serial side, it connects to a crystal oscillator (XTAL2, 12MHz) and several capacitors (C10, C11, C2). The IC pins are labeled with their functions: GND, TXD, RXD, V3, UD+, UD-, X1, XO, VCC, R232, RTS#, DTR#, DCD#, RI, DSR#, and CTS#.

Rev - 0401	Drawn D. L. G.	Check	Projection Do Not Scale		<div style="text-align: center; font-size: 2em; font-weight: bold;">AGRIGEL</div>
Project Agrigel Precision Flow			Client AGRIGEL		
Title DIAGNOSTIC BOARD			Filename		
			Drawing No.		Sheet of