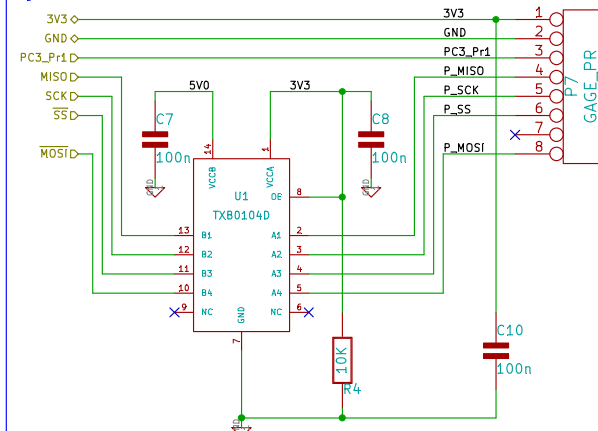
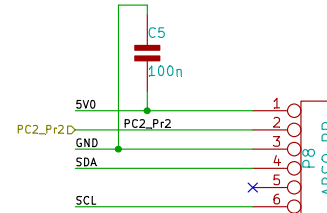


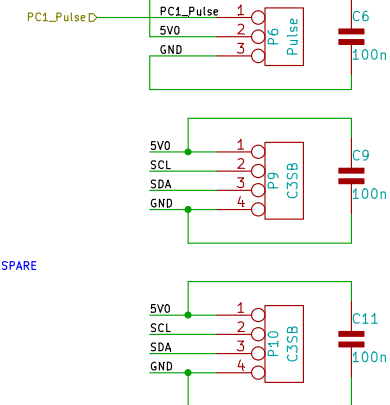
Gage Sensor #1 on SPI Bus



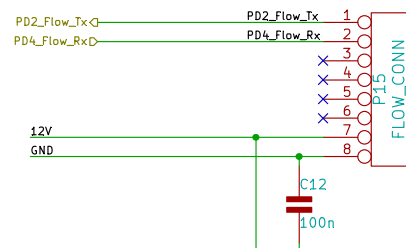
Absolute Pressure Sensor #2 on I2C Bus



Pulse Sensor Analog + I2C on C3SB Bus



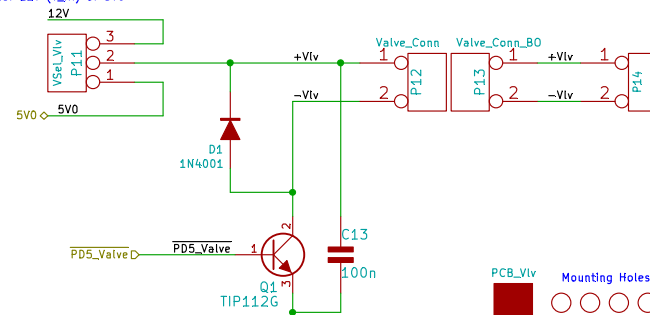
Flow Meter on Serial



Mounting Holes
SC1 SC2 SC3 SC4
PCB3

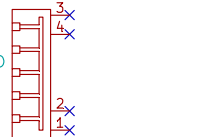
PCB_Flow
P16
FLOW_METER
EM1NR40V1A

Valve on digital PWM port
either 12V (V_IN) or 5V0



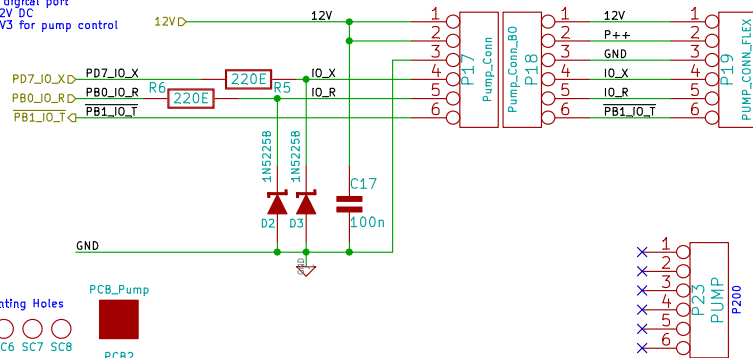
PCB_Vlv
P12
Valve_Conn
Valve_Conn_BO
P13
P14
X_VALVE

MANIFOLD
M1



PCB_MFold
P16
FLOW_METER
EM1NR40V1A

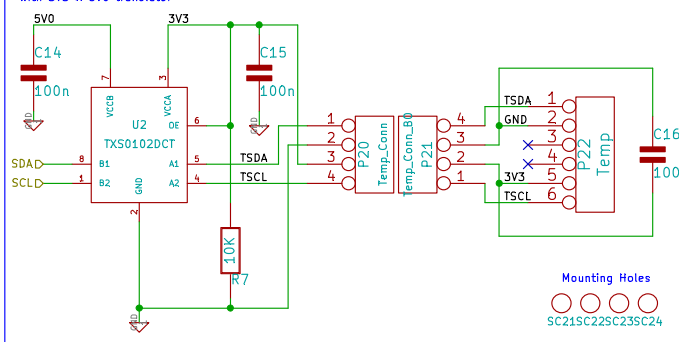
Pump on digital port
V_IN = 12V DC
IO_X = 3V3 for pump control



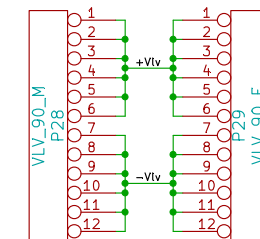
Mounting Holes
SC5 SC6 SC7 SC8
PCB2

PCB_Pump
P17
Pump_Conn
Pump_Conn_BO
P18
P19
PUMP
P200

Temp Sensor on I2C
with 3V3<->5V0 translator



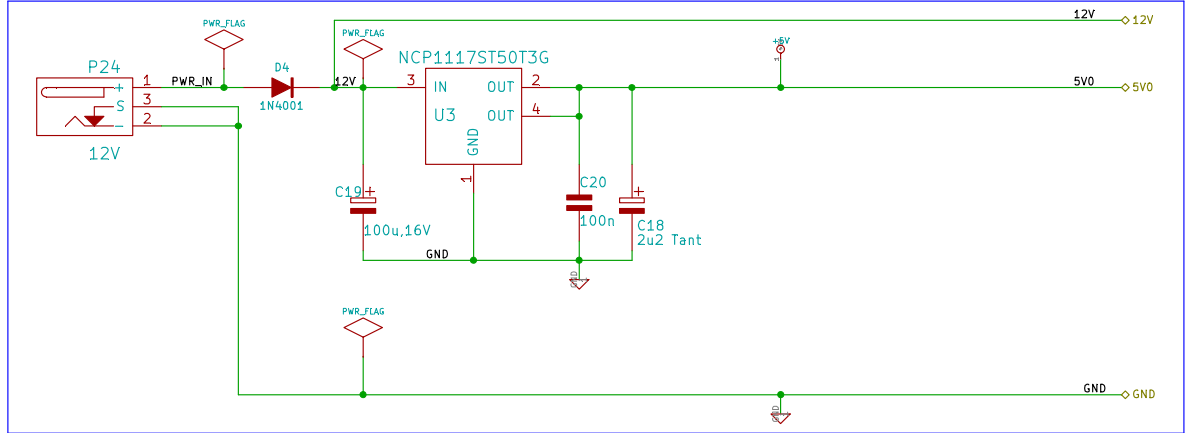
Mounting Holes
SC21SC22SC23SC24



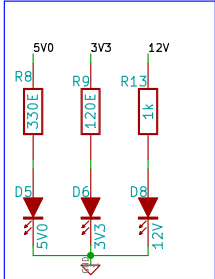
Dummy Mounting Headers
for Valve Board, 2 x 6 way

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Title:	
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KiCad E.D.A. eeschema (2012-01-19 BZR 3256)-stable	
Rev:	
Id: 2/5	

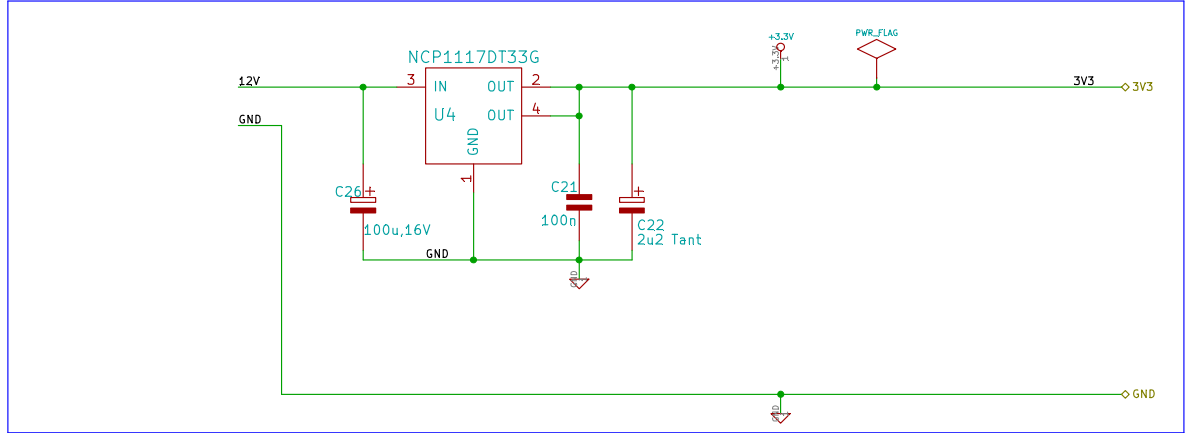
BARREL POWER SOCKET



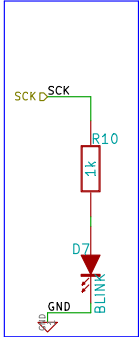
INDICATORS



BARREL POWER SOCKET



BLINK LED - D13



Logo_Wyolum

G1
Logo_Wyolum

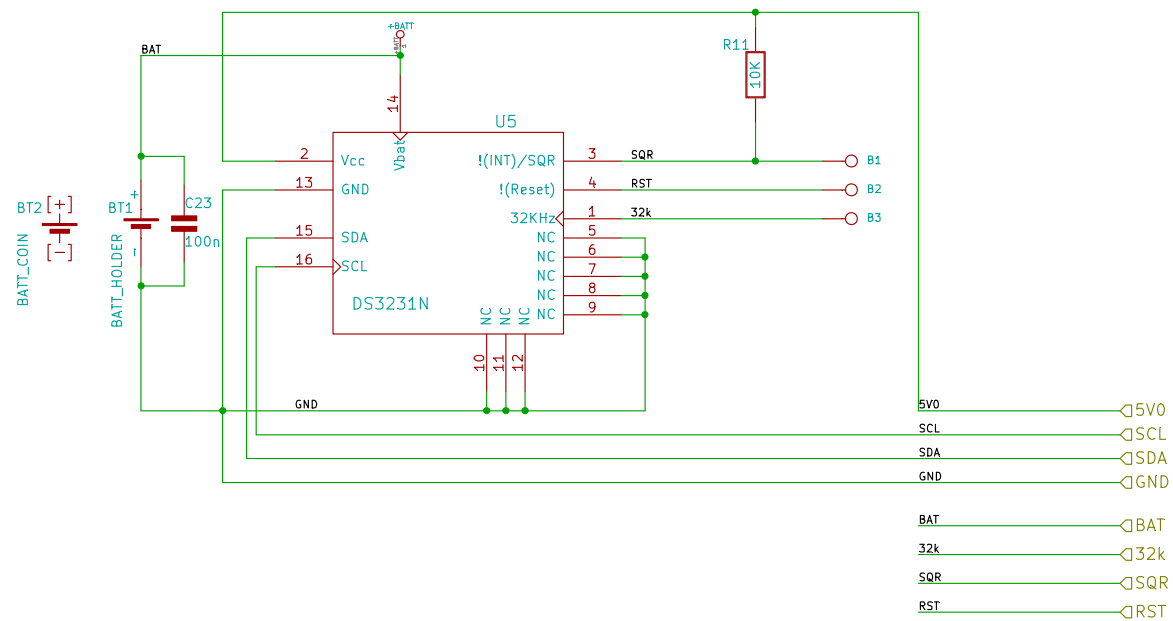
G2
Logo_OH

G3
Logo_OH

G4
PCB

PCB1

WyoLum		
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Title: uControl		
Size: A4	Date: 4 jan 2013	Rev: 1
KiCad E.D.A. eeschema (2012-01-19 BZR 3256)-stable		Id: 3/5



WyoLum		
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Title: uControl		
Size: A4	Date: 4 jan 2013	Rev: 1
KiCad E.D.A. eeschema (2012-01-19 BZR 3256)-stable		Id: 4/5

