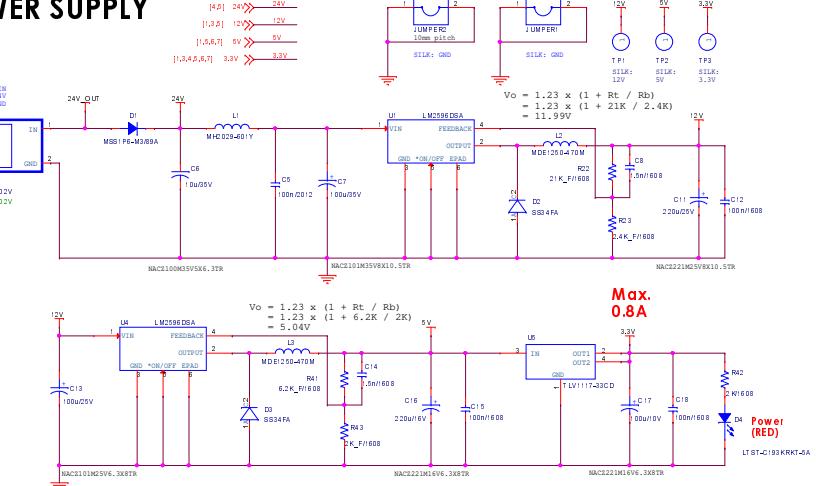
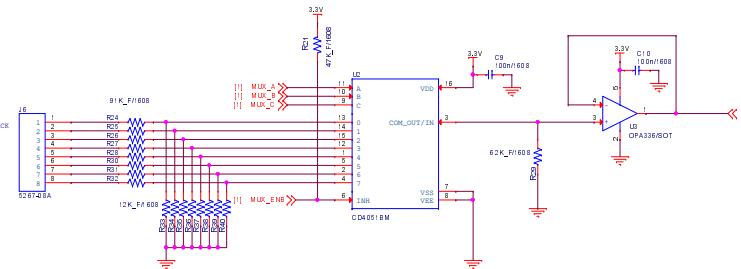


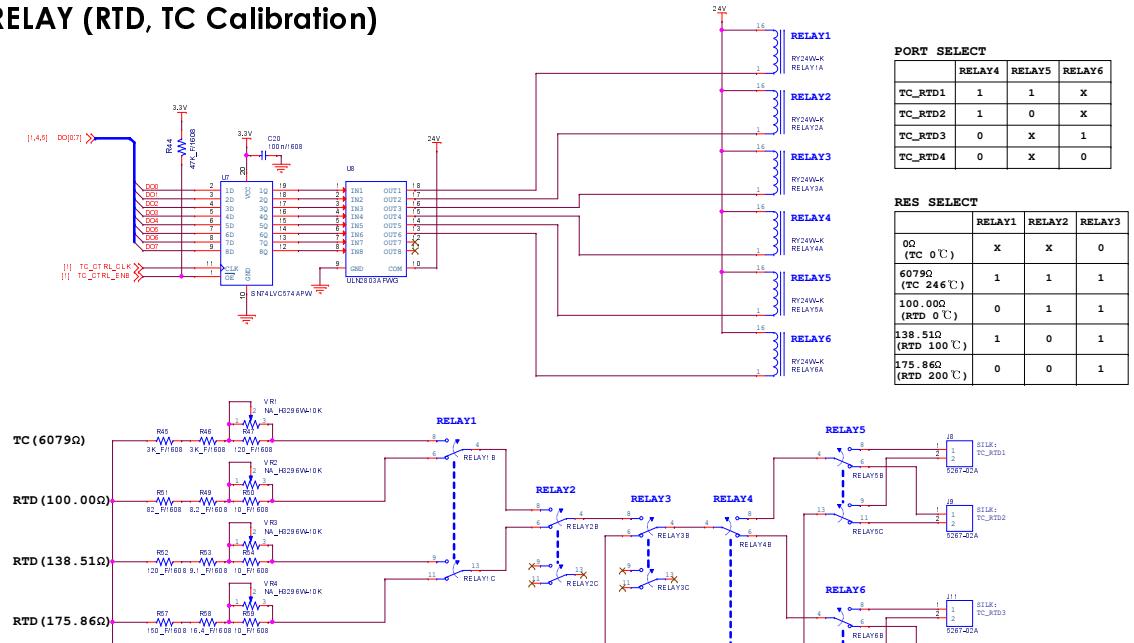
# POWER SUPPLY



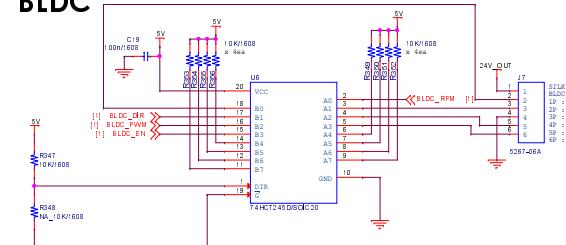
## **POWER CHECK (Internal ADC)**



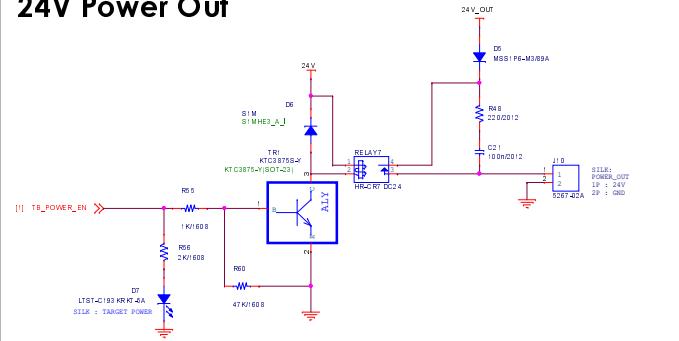
## **RELAY (RTD, TC Calibration)**



BLDC

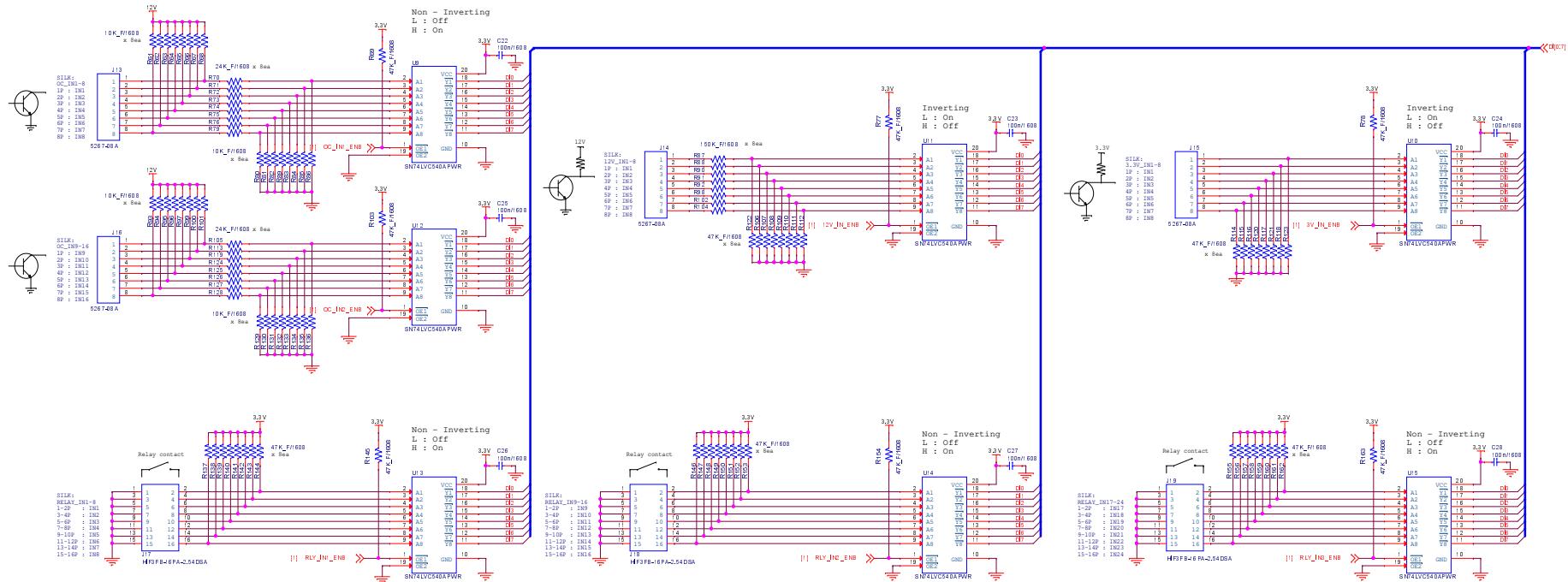


**24V Power Out**



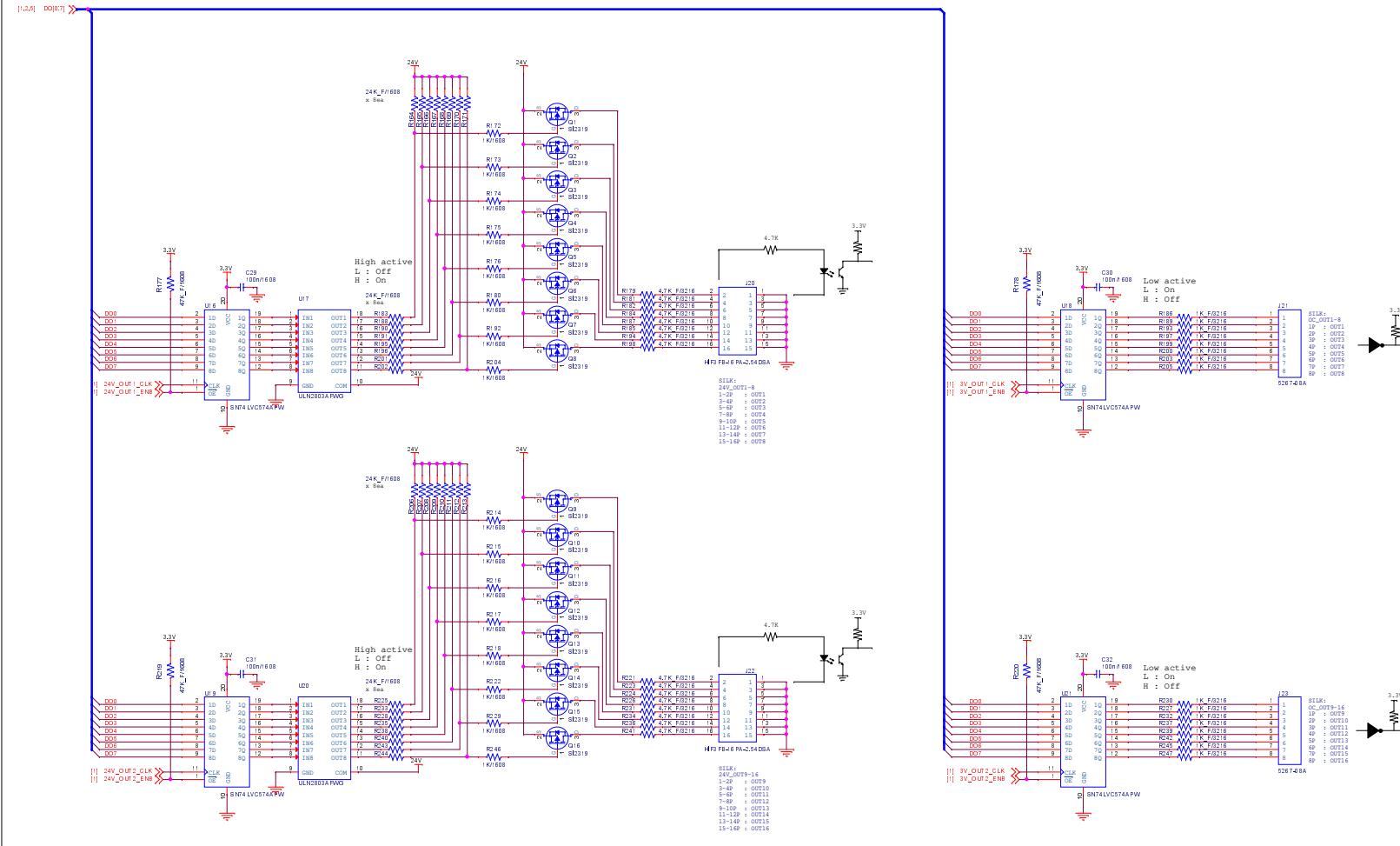
[P,A,B] 24V  
 [P,D,A] 12V  
 [P,D,A,B,C] 5V  
 [P,D,A,B,C,D] 3.3V

## Digital input (Open Collector - 16P, 12V IN - 8P, 3.3V IN - 8P, RELAY IN - 24P)



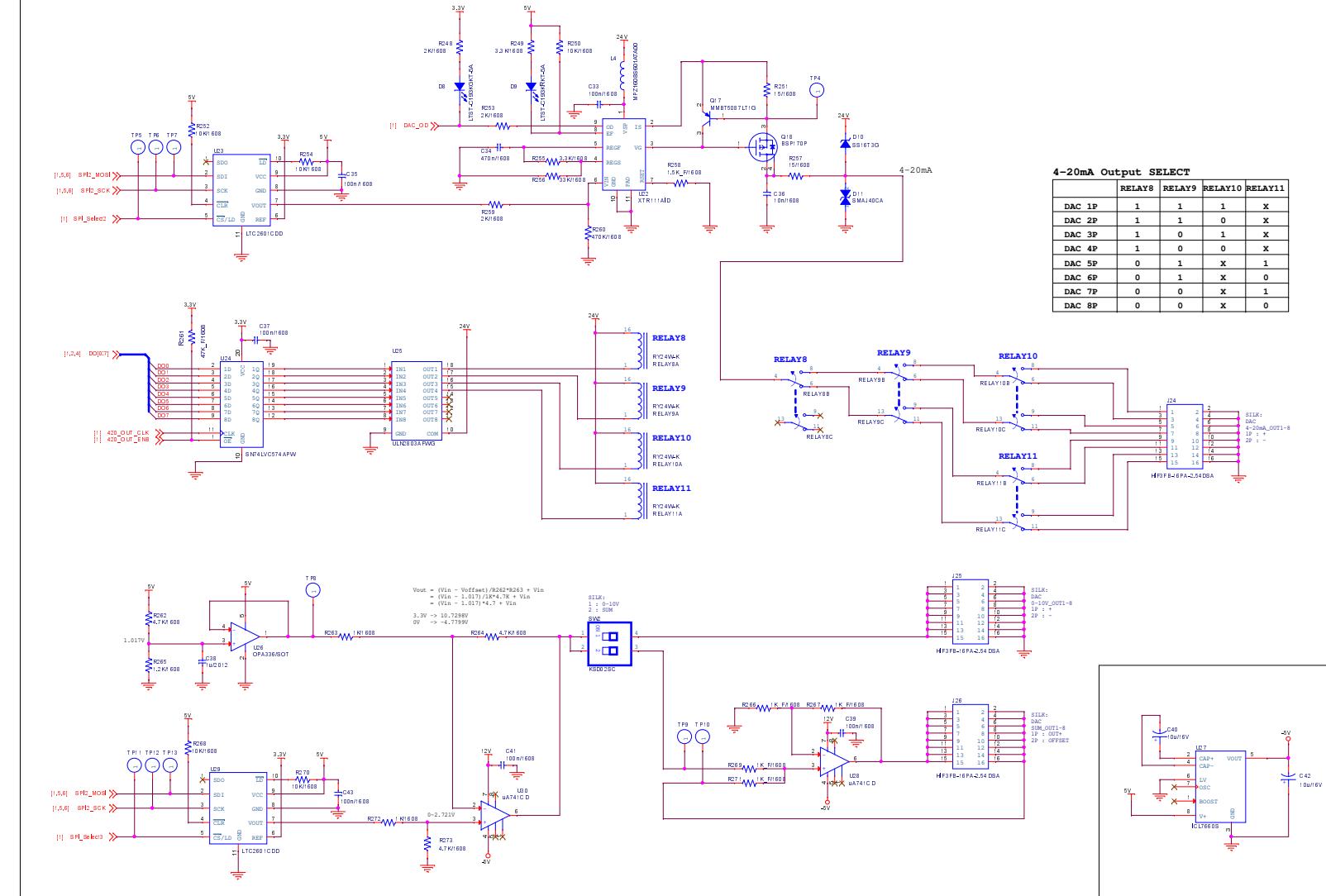
[0,8] 24V  
 [1,2,3,9] 12V  
 [1,2,5,6,7] 5V  
 [1,3,5,6,7] 3.3V

## Digital output (24V OUT - 16P, Open Collector - 16P)



[0,4] 24V  
 [0,3] 12V  
 [0,2,6,7] 9V  
 [0,2,4,6,7] 5V  
 [0,3,4,6,7] 3.3V

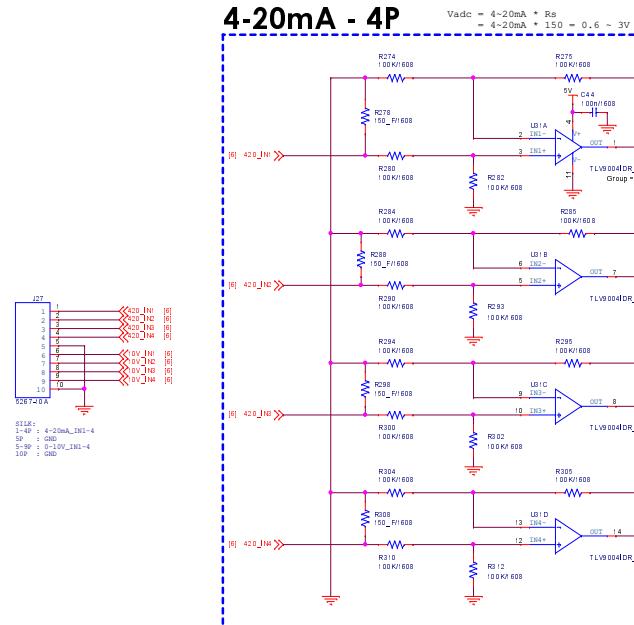
## DAC(4-20mA - 8P, 0-10V - 8P, SUM - 8P)



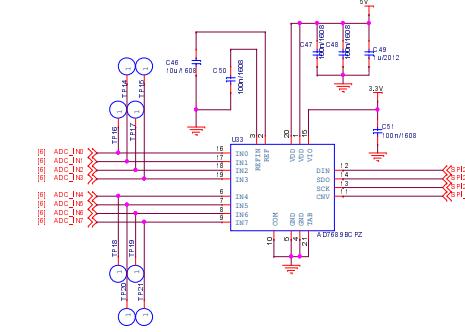
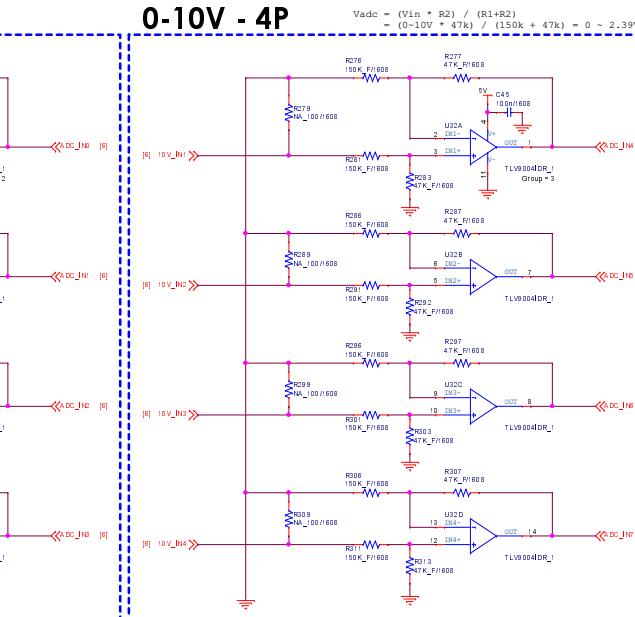
[2,A,B] 24V → 24V  
 [1,2,3,4] 12V → 12V  
 [1,2,5,6] 5V → 5V  
 [1,2,4,5,7] 3.3V → 3.3V

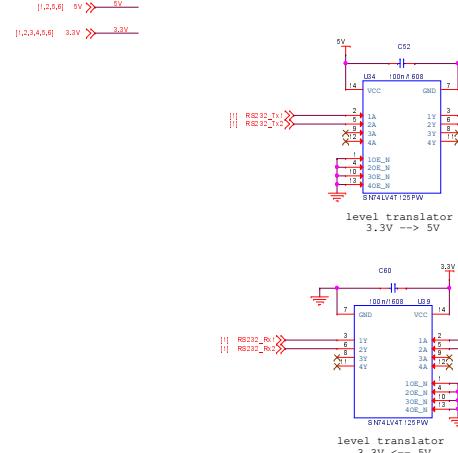
## ADC

### 4-20mA - 4P

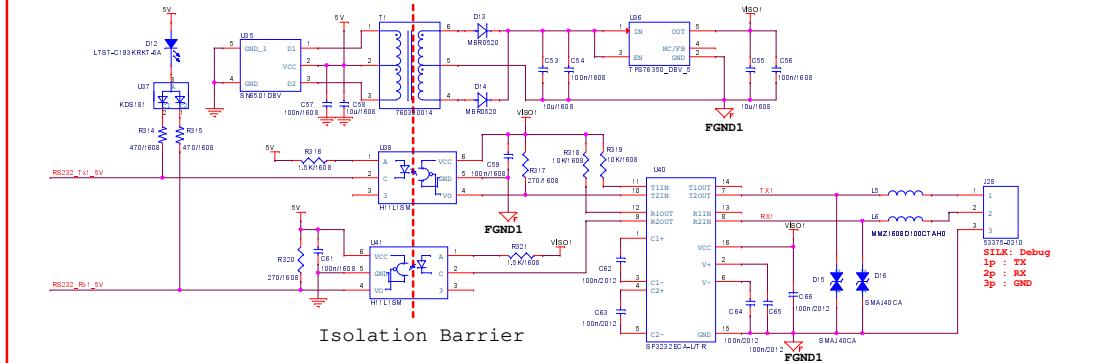


### 0-10V - 4P

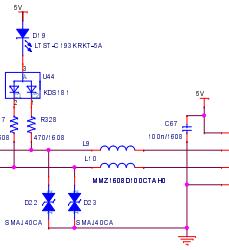




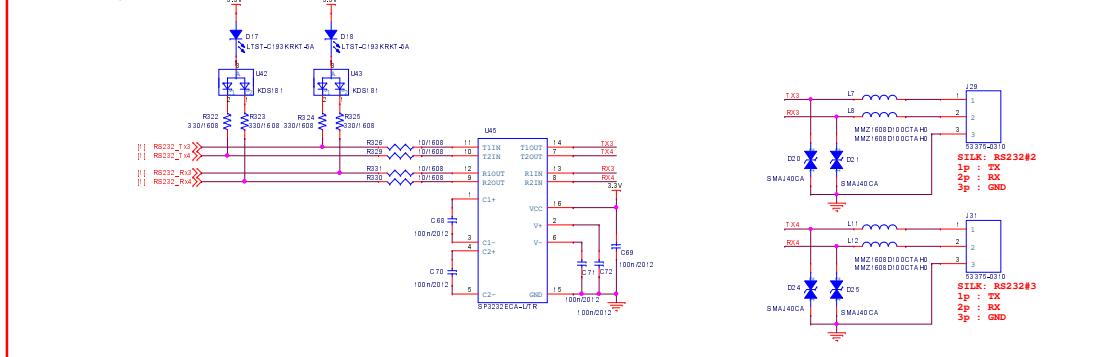
UART #1



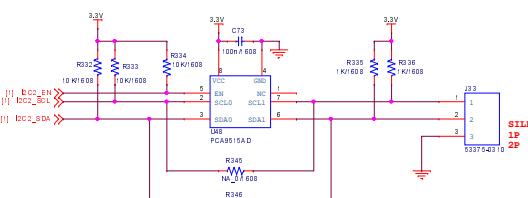
UART #2



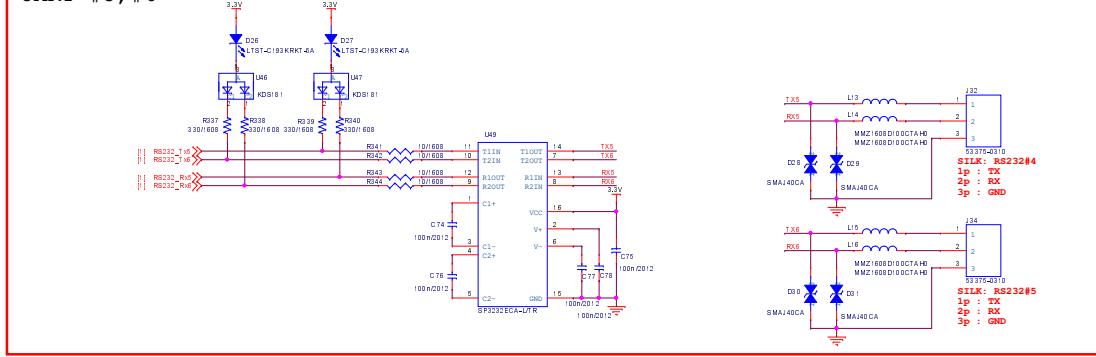
UART #3, #4



I2C #3



UART #5, #6



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