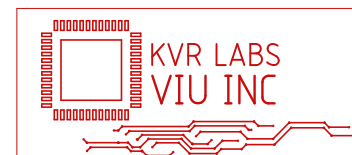
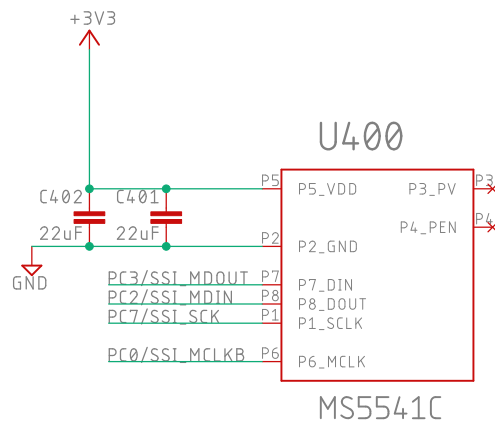


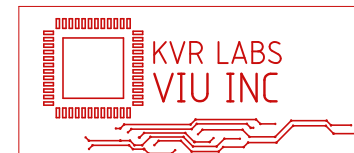
- (1) GTAKE Only requires IFA, IFB, IFC Feedback signals
- (2) IC isolated from the rest of the schematic
- (3) R307, R308, R309 DNP
- (4) R301, R302, R303 and C303, C304, C305 are for Low Pass filter.  
Default DNP on the capacitors and 0 ohm for resistors.



TITLE: AEV ENCODER		
DESCRIPTION: TLE5012B ENCODER		
DESIGN BY: ALEC KORVER		
DATE: Dec 27, 2020	REV: A	1/1

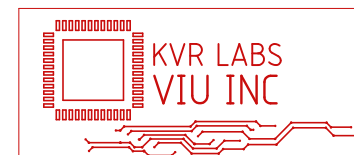
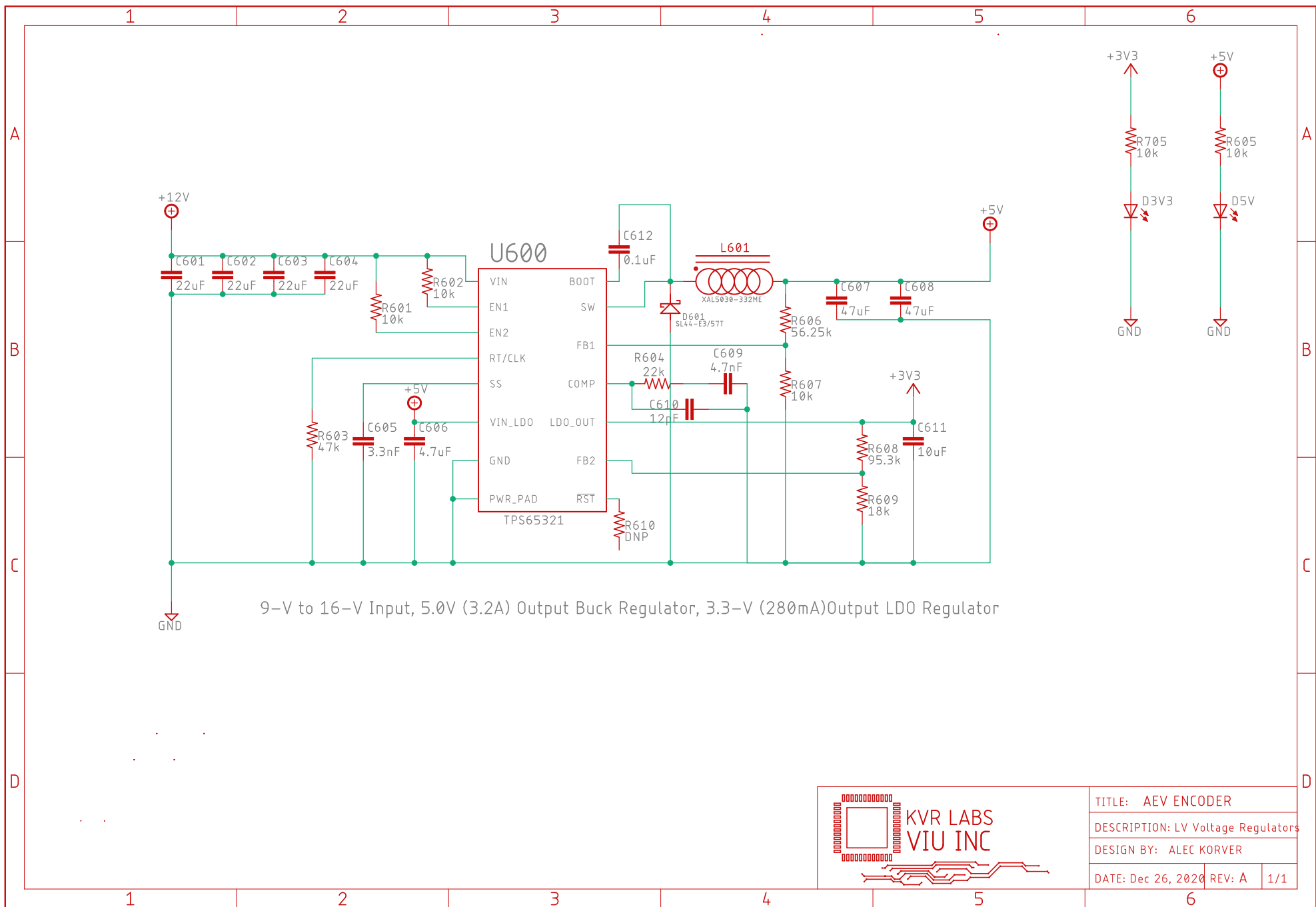


- (1) Sensor uses SSI interface NOT SPI
- (2) As the output voltage of a pressure sensor is strongly dependent on temperature and process tolerances, it is necessary to compensate for these effects. This compensation procedure must be performed by software using an external microcontroller.
- (3) A stable pressure reading of the given resolution requires taking the average of 2 to 4 subsequent pressure values due to noise of the ADC.
- (4) During conversion the sensor will be switched on and off in order to reduce power consumption; the total on time within a conversion is about 2 ms.

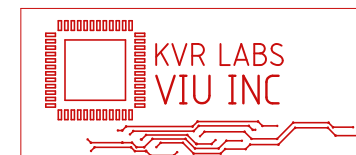
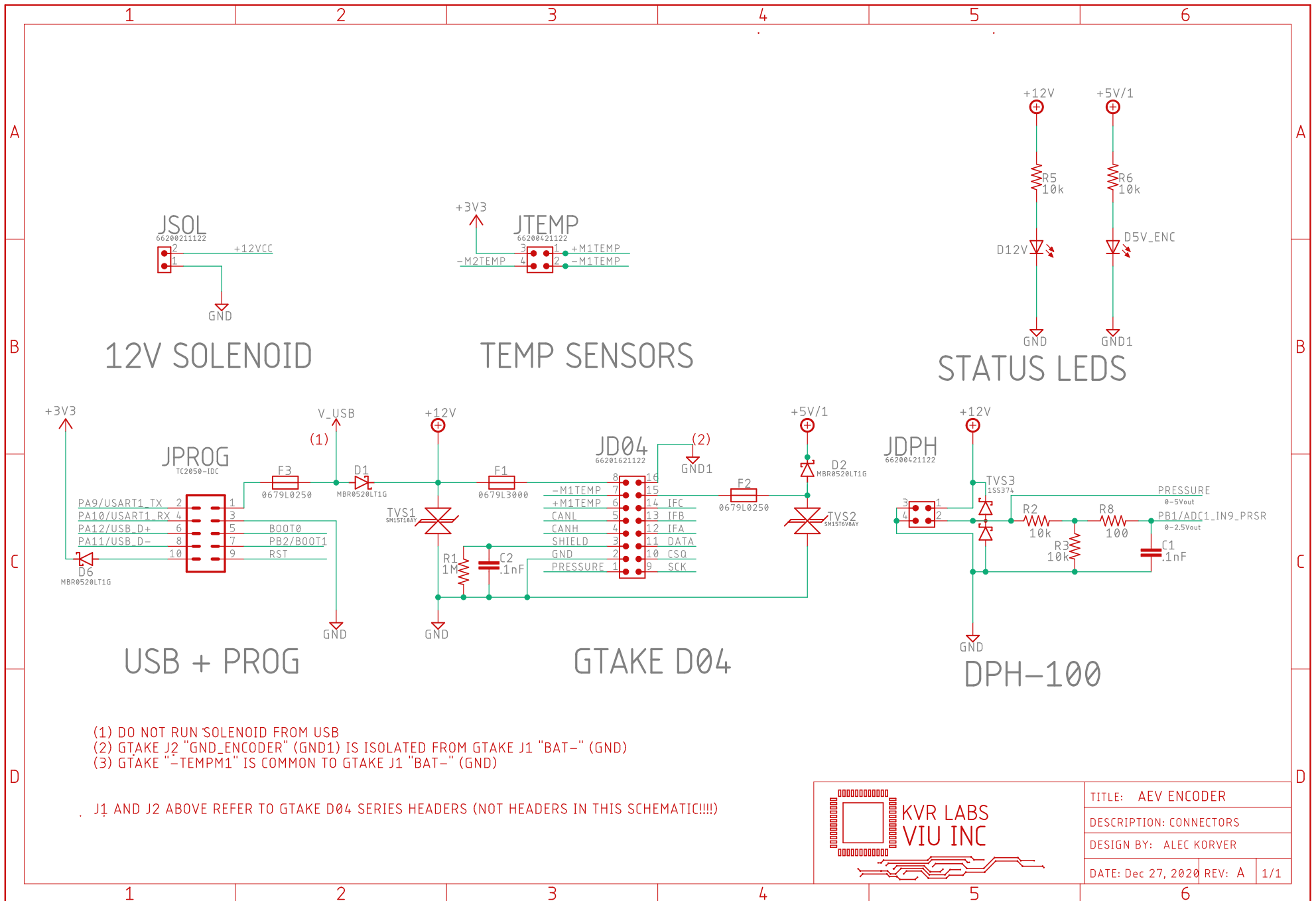


TITLE: AEV ENCODER		
DESCRIPTION: PRESSURE SENSOR		
DESIGN BY: ALEC KORVER		
DATE: Dec 27, 2020	REV: A	1/1





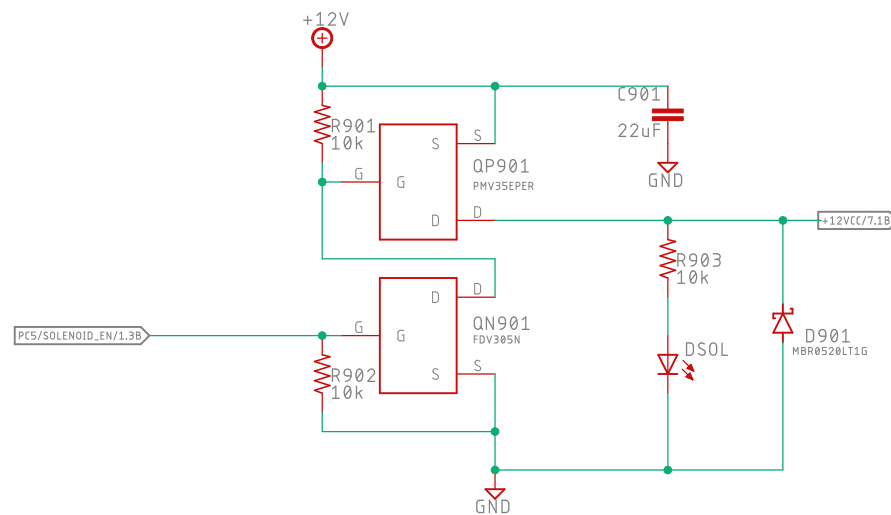
TITLE: AEV ENCODER		
DESCRIPTION: LV Voltage Regulators		
DESIGN BY: ALEC KORVER		
DATE: Dec 26, 2020	REV: A	1/1



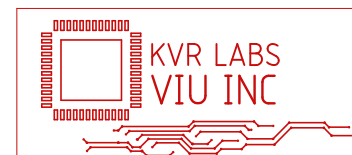
TITLE: AEV ENCODER		
DESCRIPTION: CONNECTORS		
DESIGN BY: ALEC KORVER		
DATE: Dec 27, 2020	REV: A	1/1







Voltage Max: 20V  
 Current Cont: 4.2A (Ta)  
 Current Pulse: 17A Max (<10uS)



TITLE: AEV ENCODER		
DESCRIPTION: SOLENOID SWITCH		
DESIGN BY: ALEC KORVER		
DATE: DEC 27, 2020	REV: A	1/1