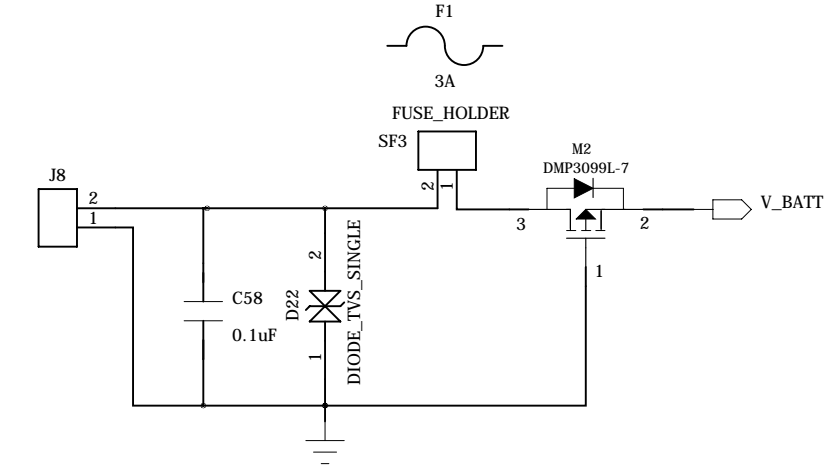
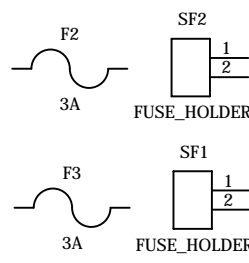


REVISION RECORD			
ITER	ECO NO.	APPROVED:	DATE:

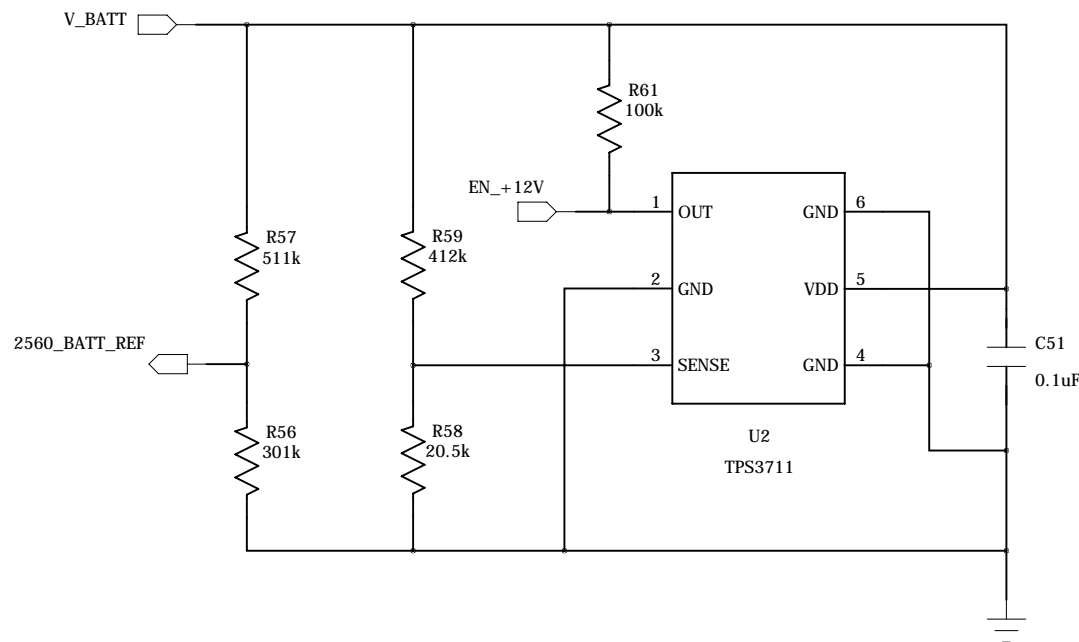
BATTERY POWER INPUT



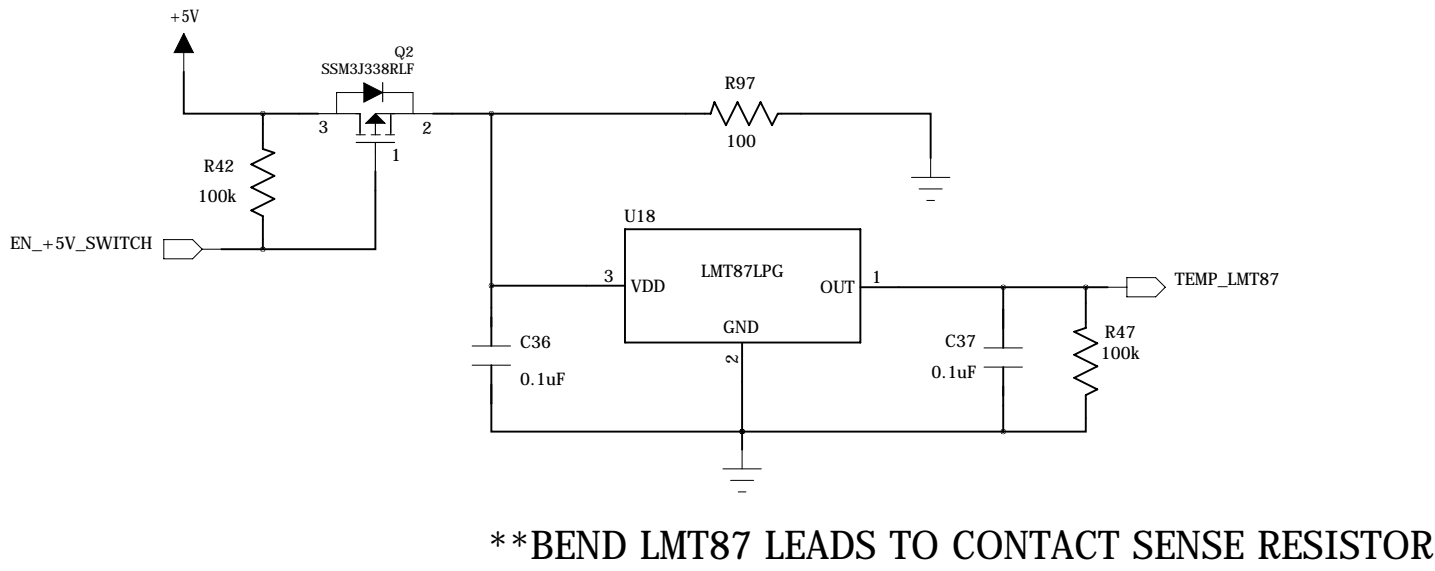
SPARE FUSES



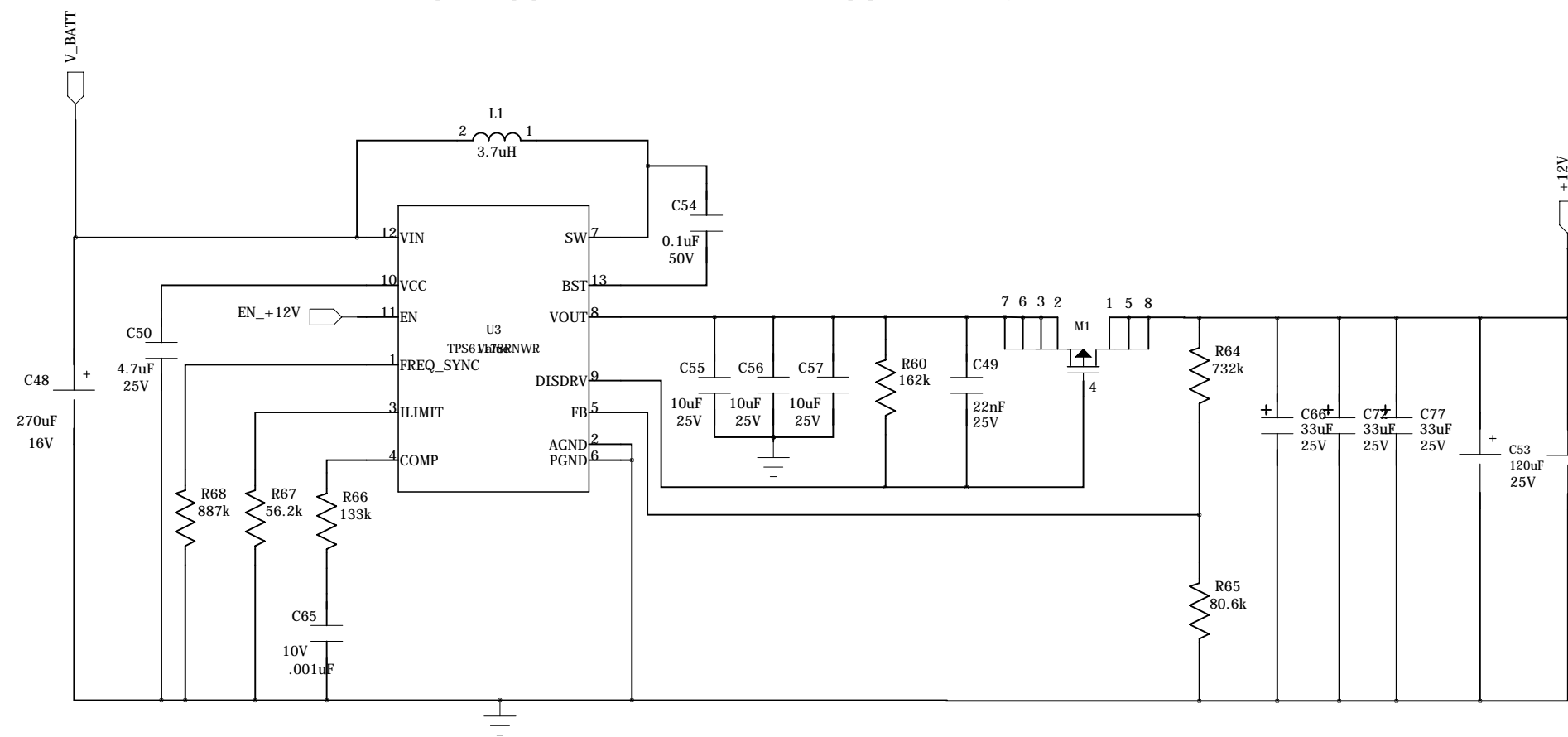
BATTERY VOLTAGE MONITOR



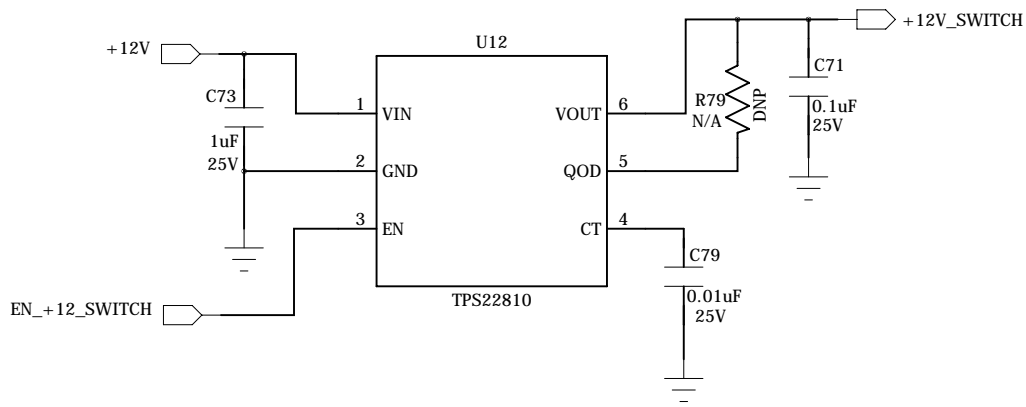
PCB TEMPERATURE - LOCAL



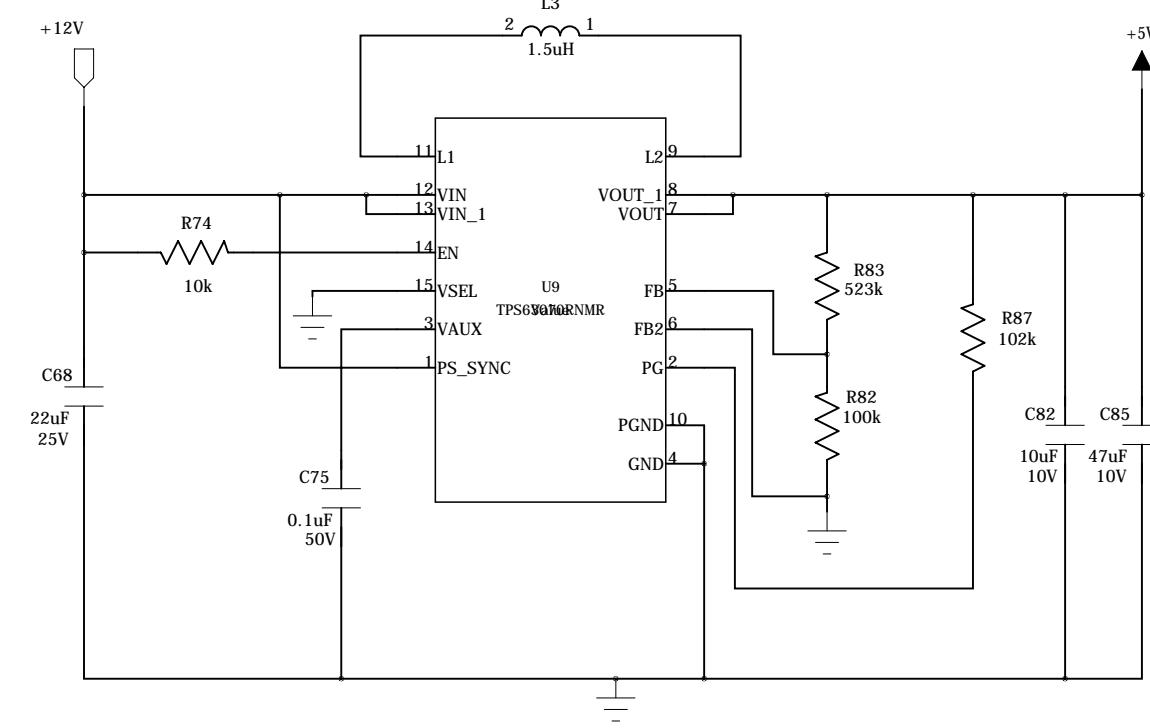
+12V SWITCHING POWER SUPPLY



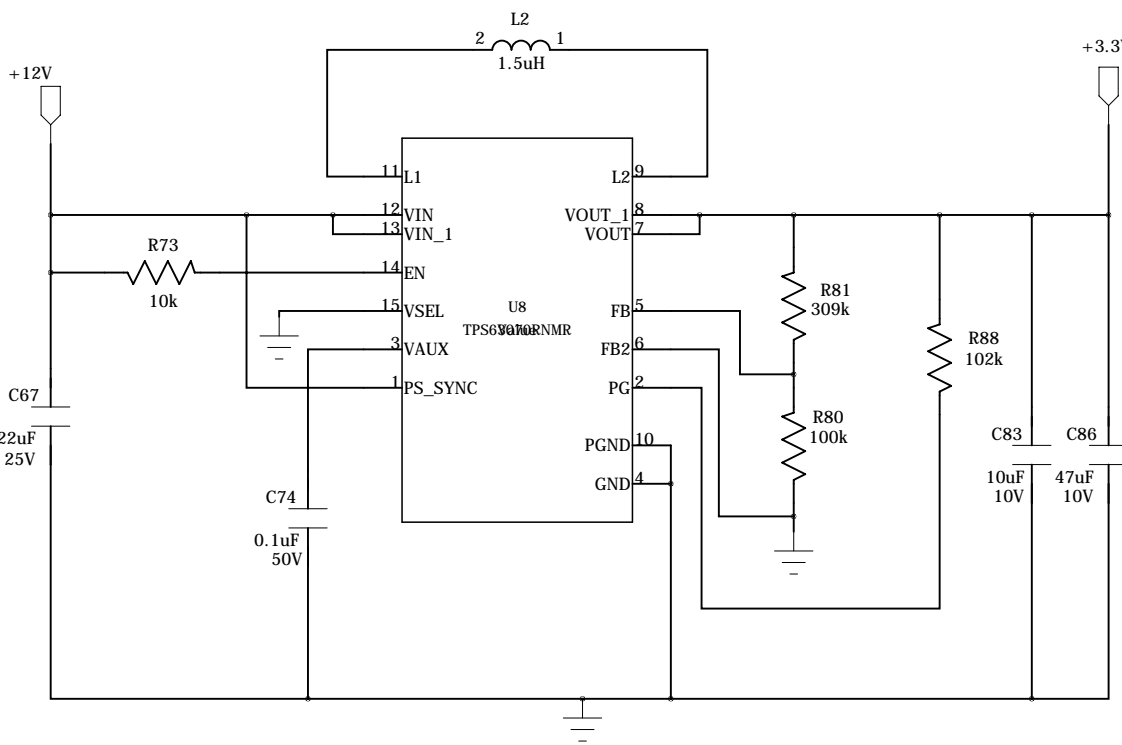
+12V SWITCH



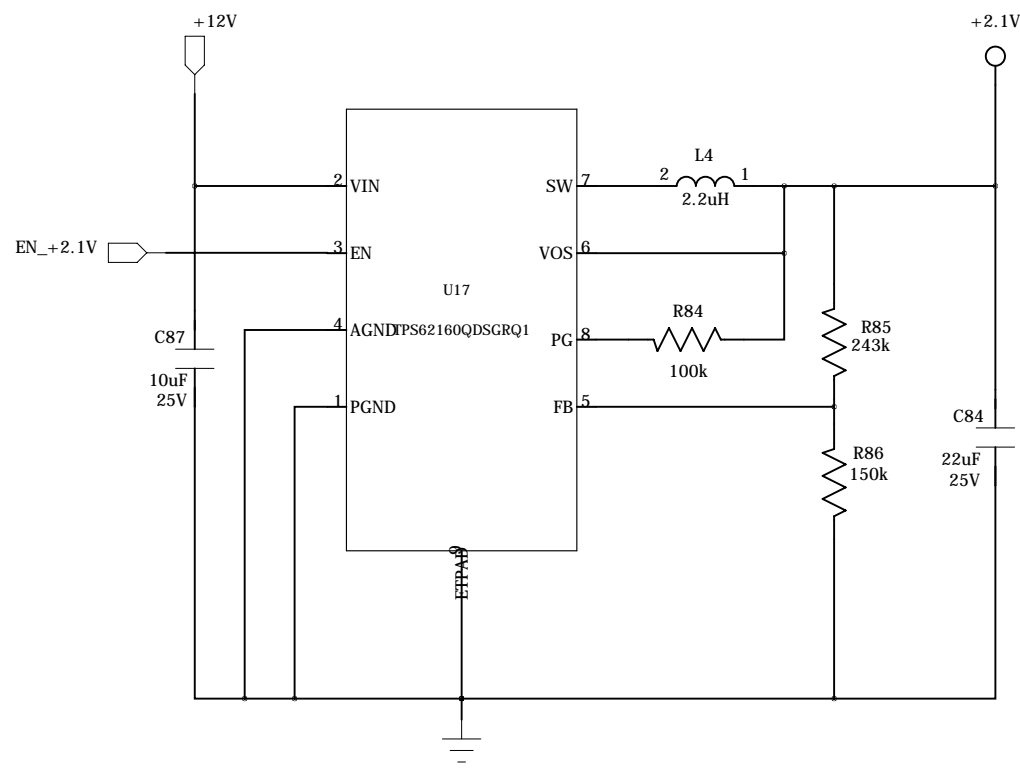
+5V SWITCHING POWER SUPPLY



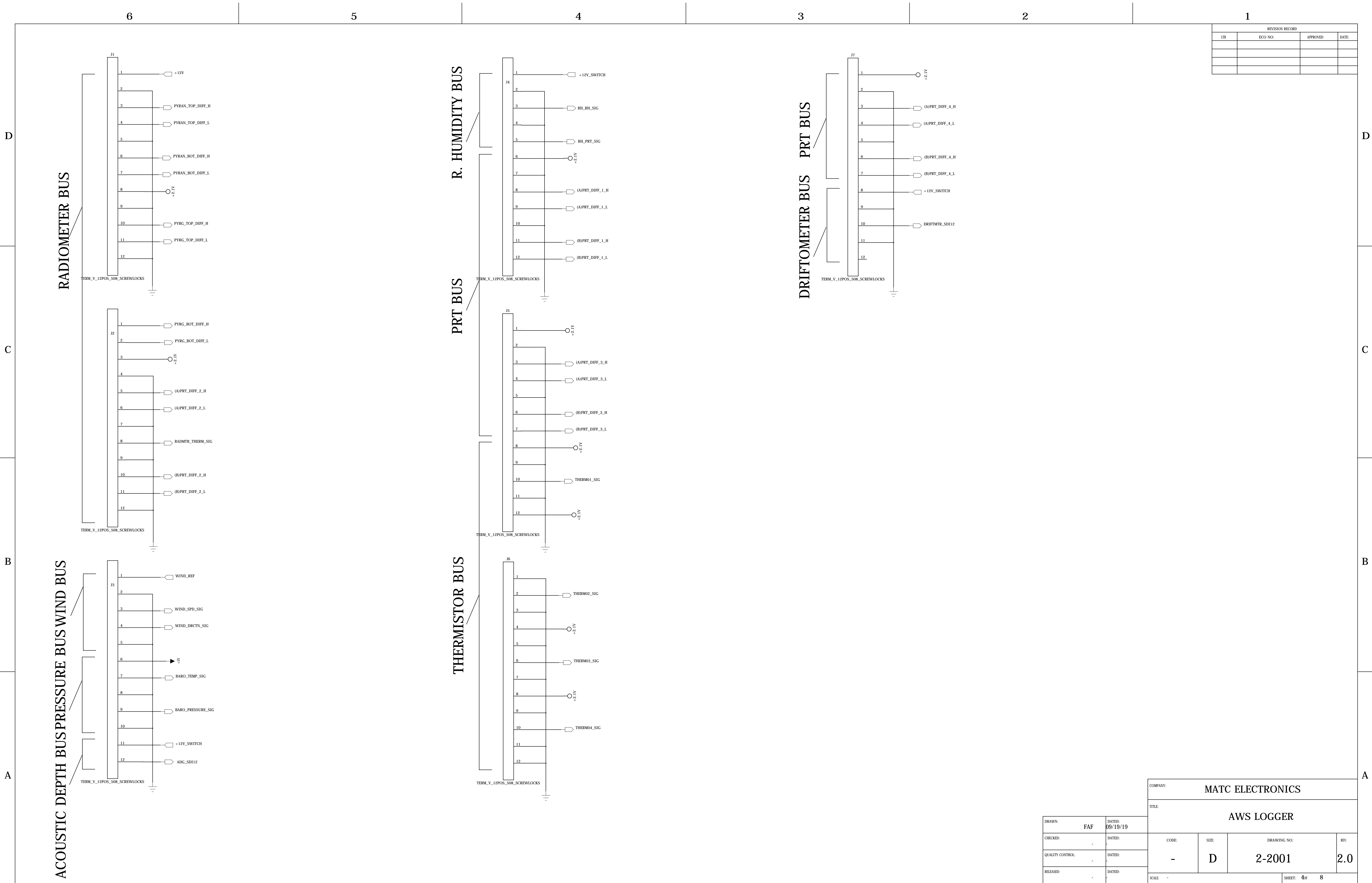
+3.3V SWITCHING POWER SUPPLY

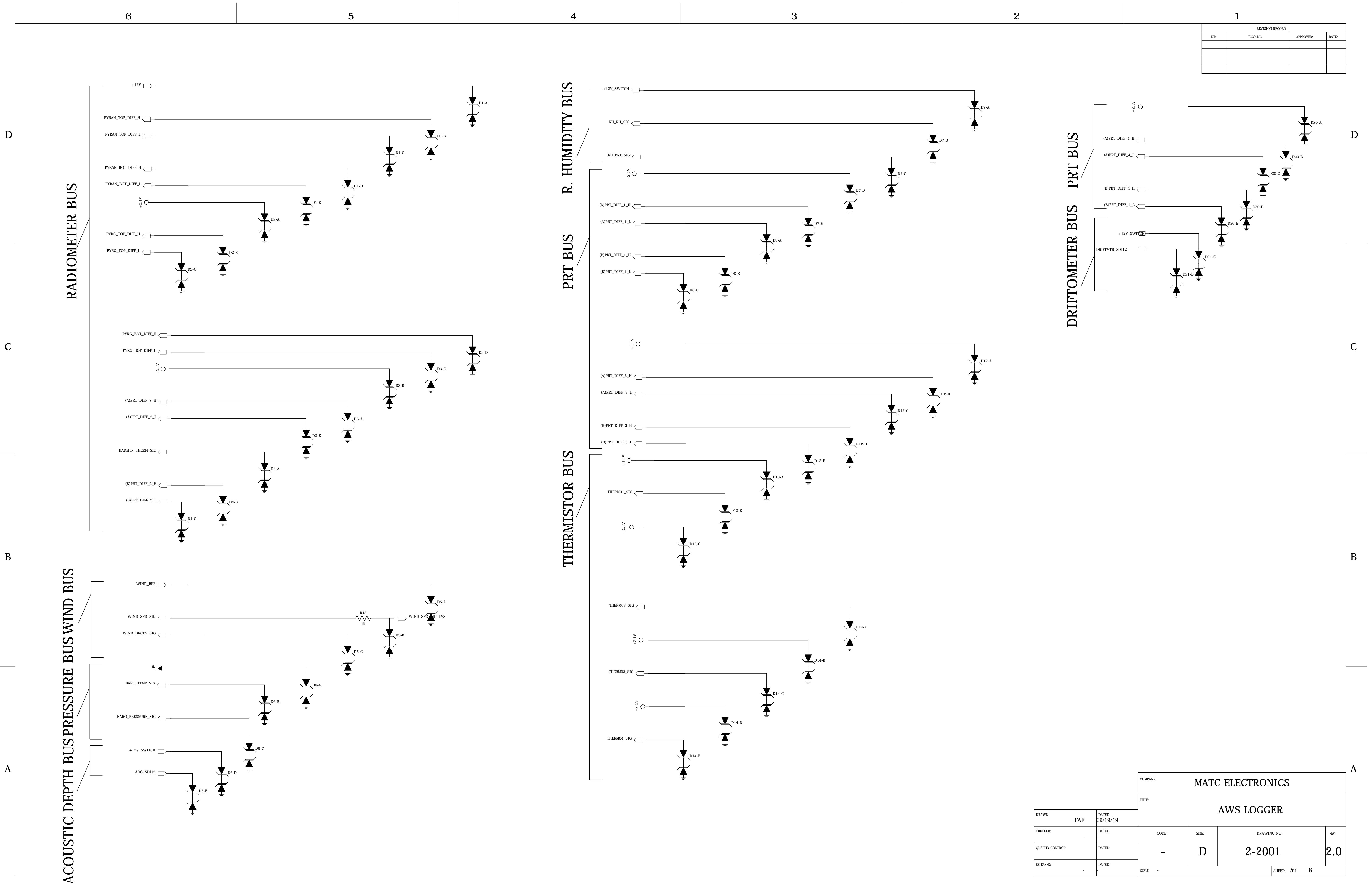


+2.1V SWITCHING POWER SUPPLY



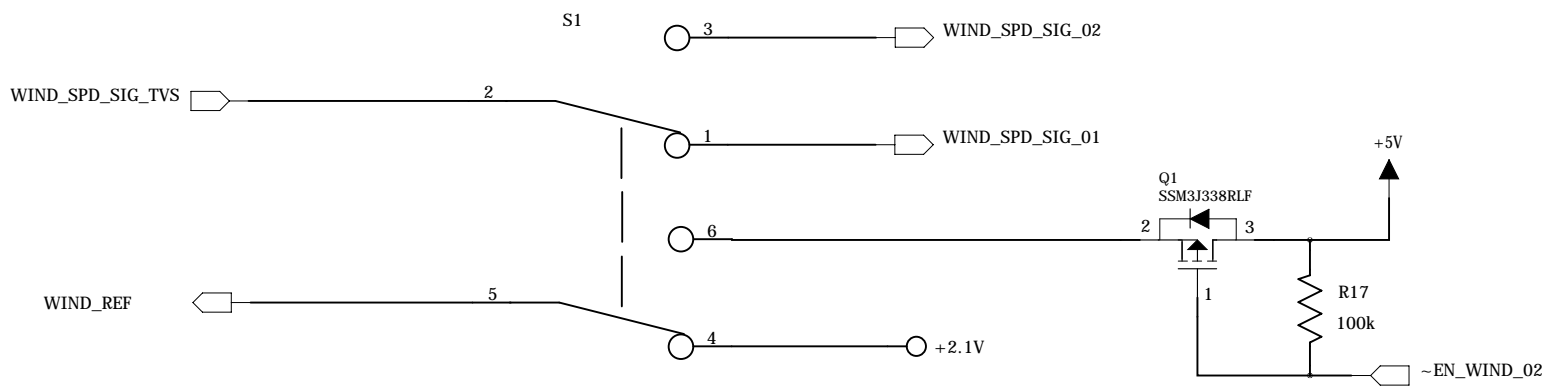
COMPANY: MATC ELECTRONICS			
TITLE: AWS LOGGER			
DRAWN: FAF	DATED: 09/19/19	CODE: -	SIZE: D
CHECKED: -	DATED: -	DRAWING NO: 2-2001	REV: 2.0
QUALITY CONTROL: -	DATED: -	SCALE: -	
RELEASED: -	DATED: -	SHEET: 3 of 8	



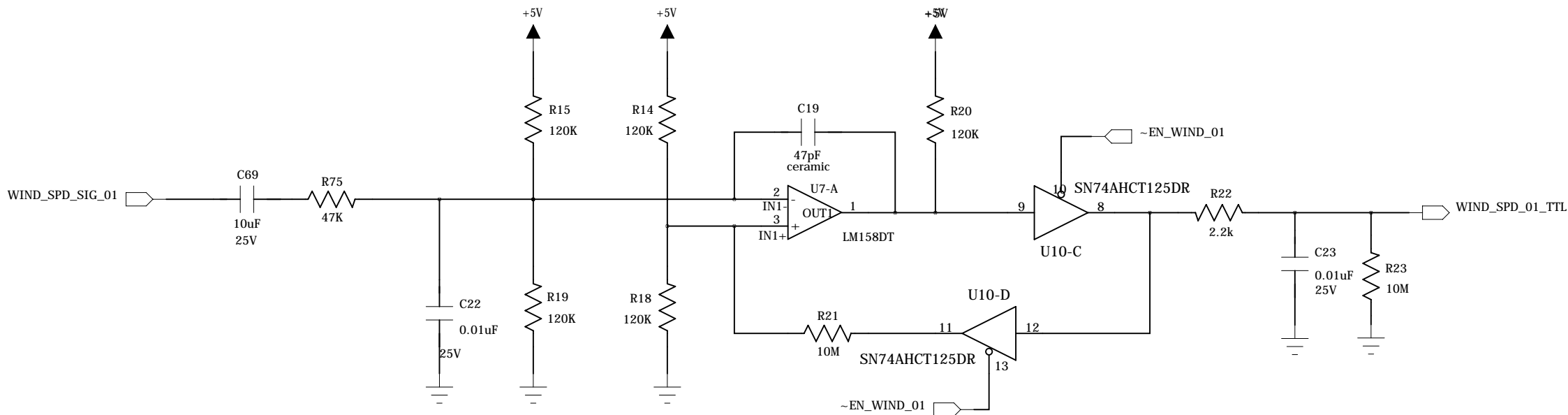


REVISION RECORD			
LTR	ECO NO.	APPROVED:	DATE:

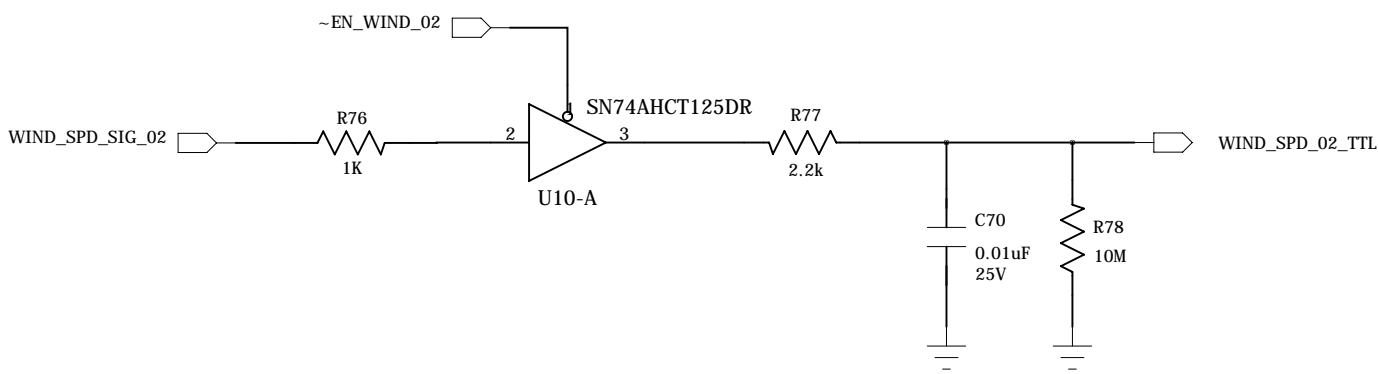
WIND SENSOR SELECTION



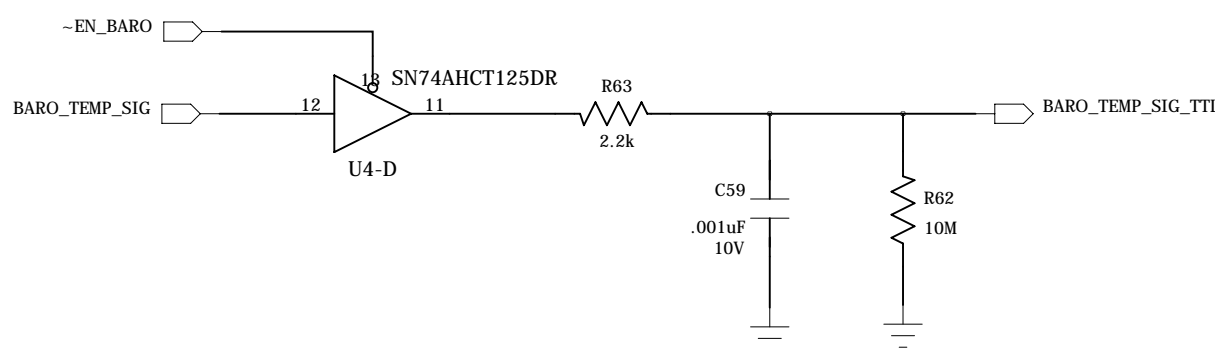
WIND SPEED-01



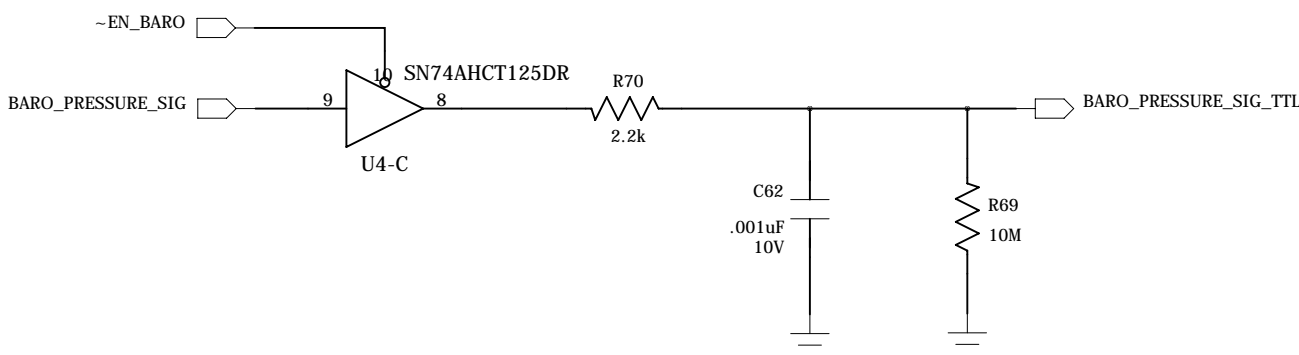
WIND SPEED-02



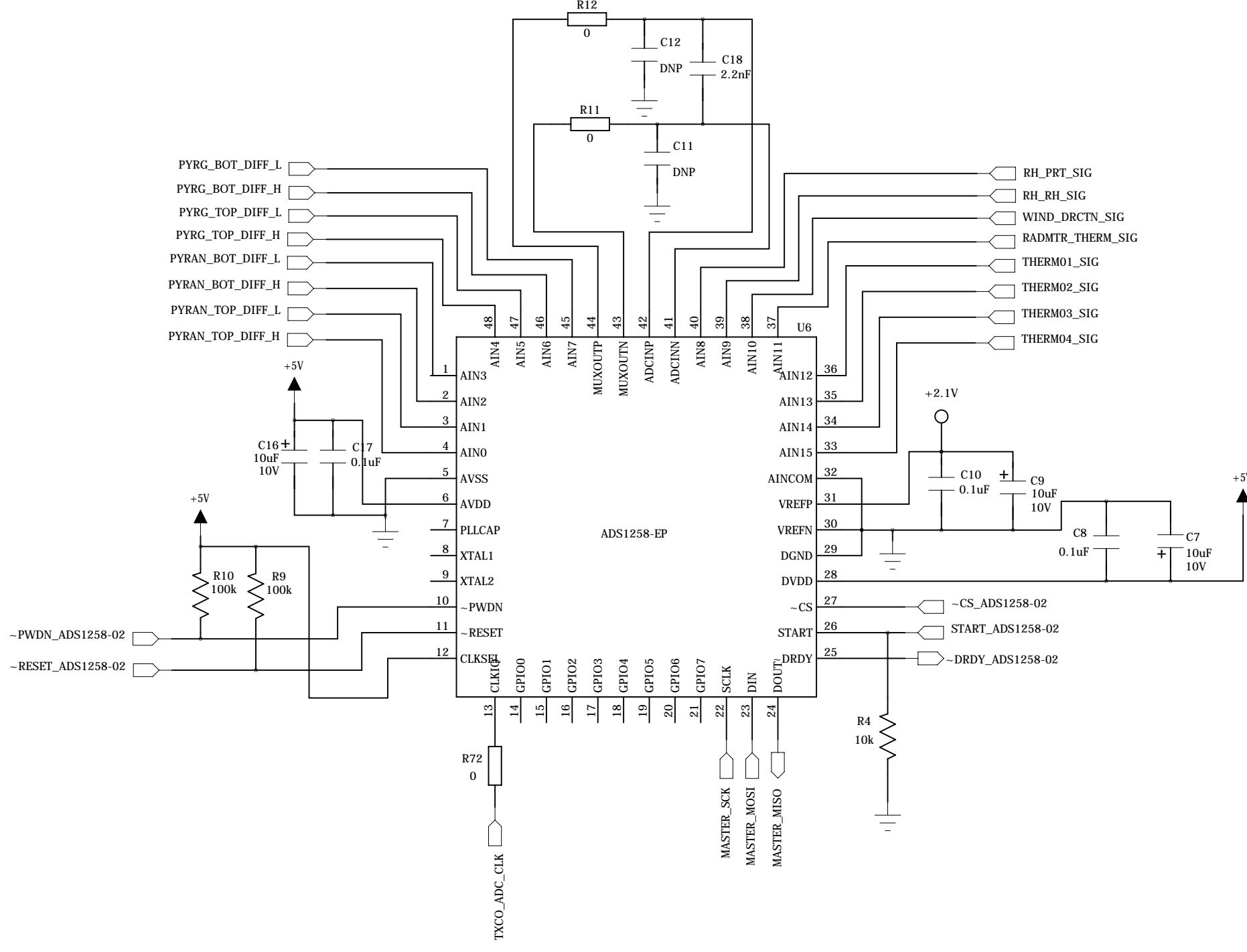
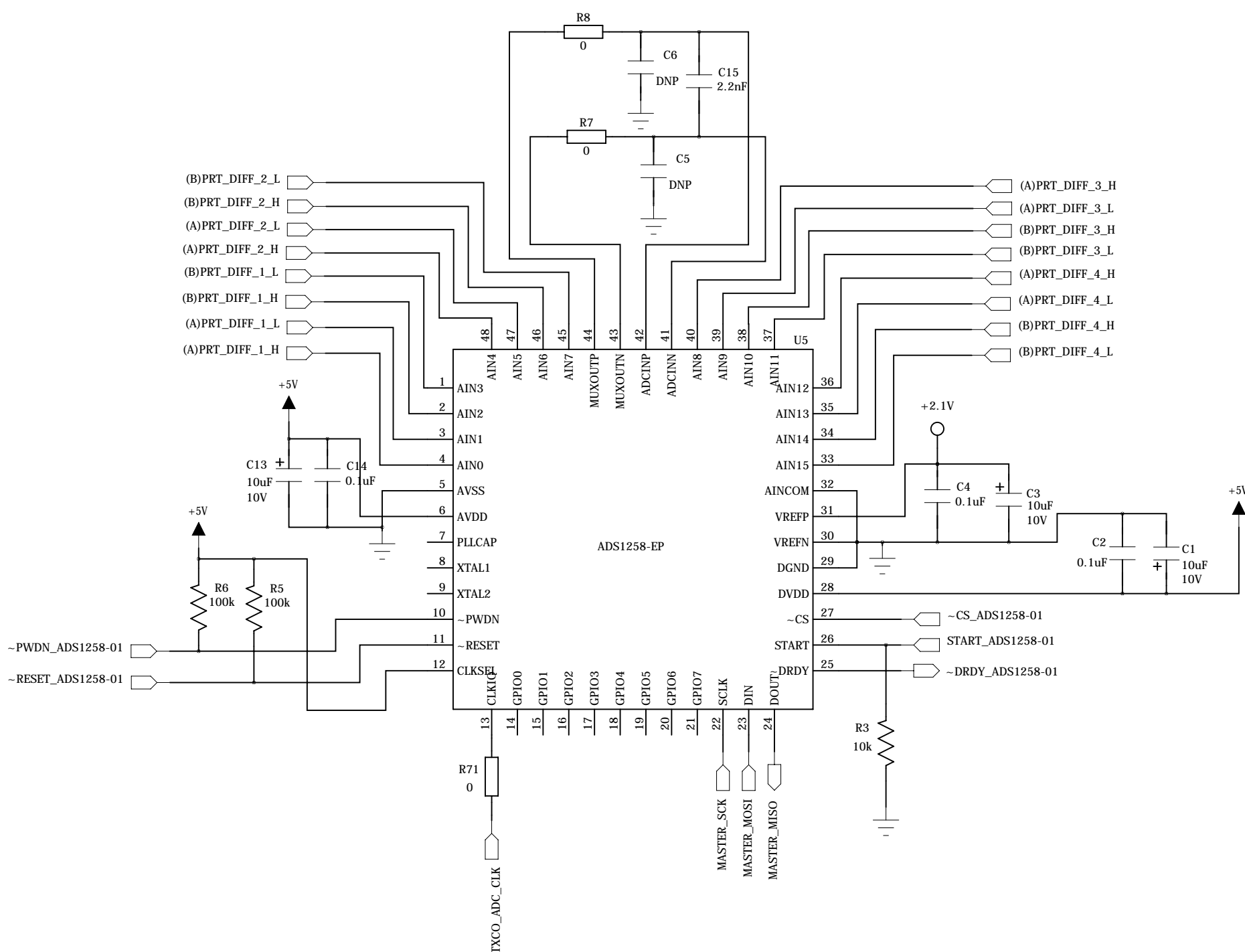
BAROMETER TEMP



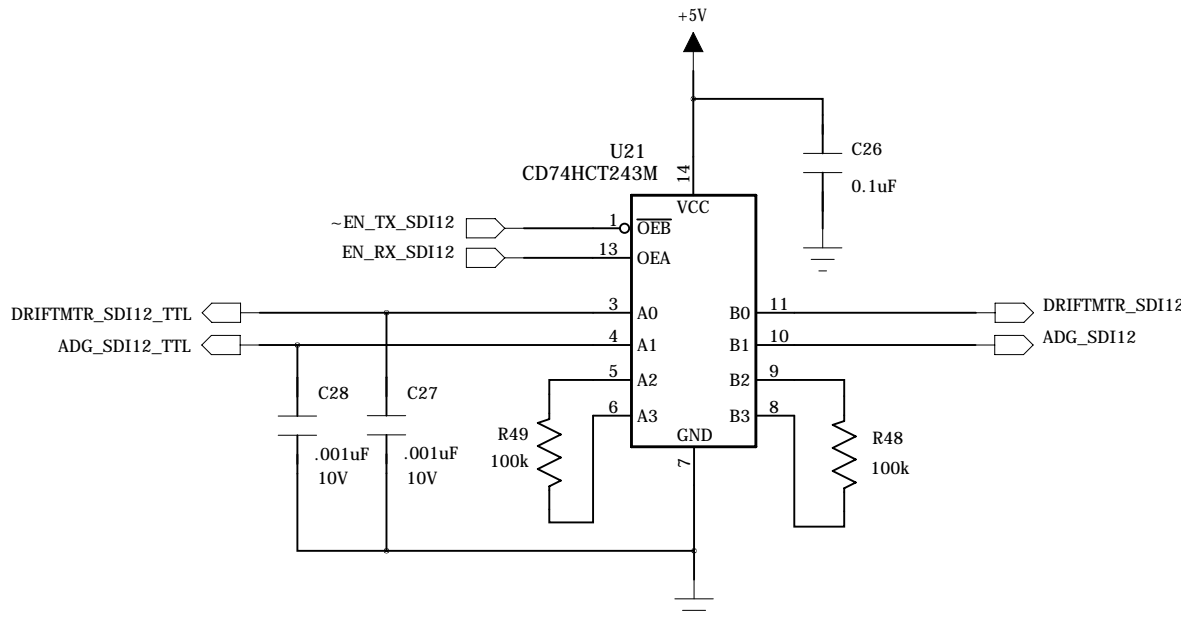
BAROMETER PRESSURE



SENSOR SIGNAL A-D CONVERSION

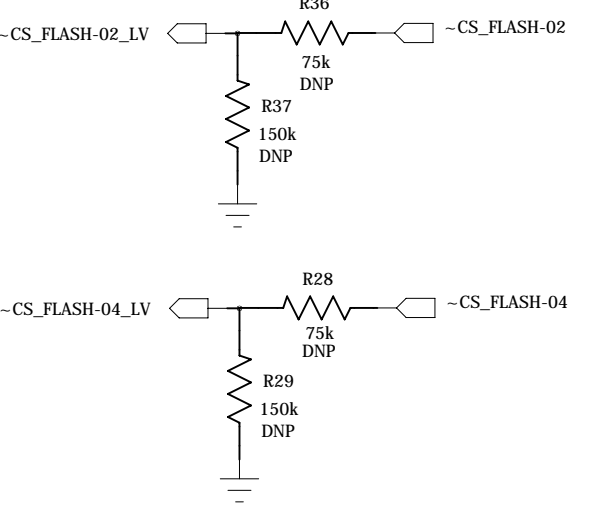
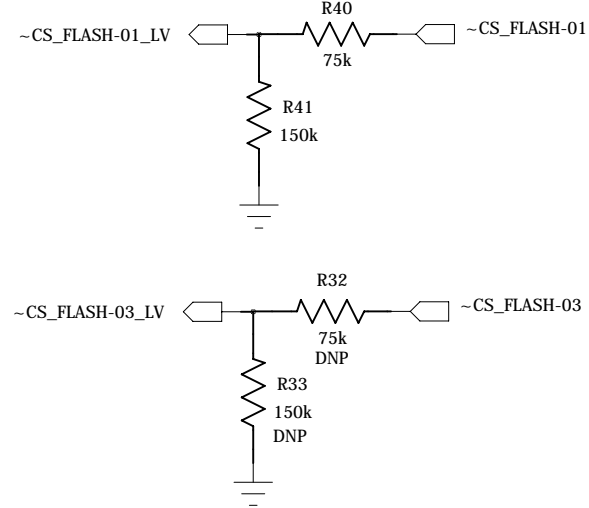
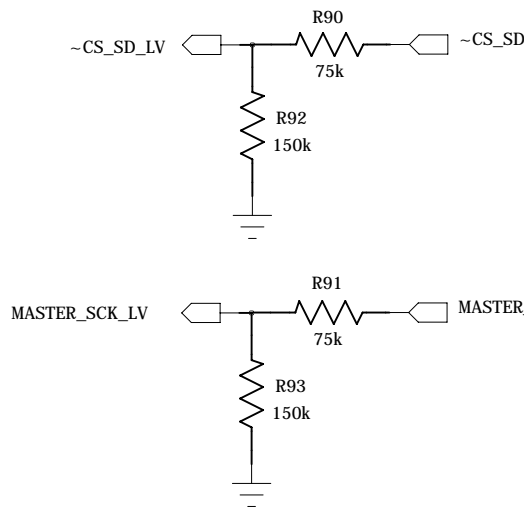
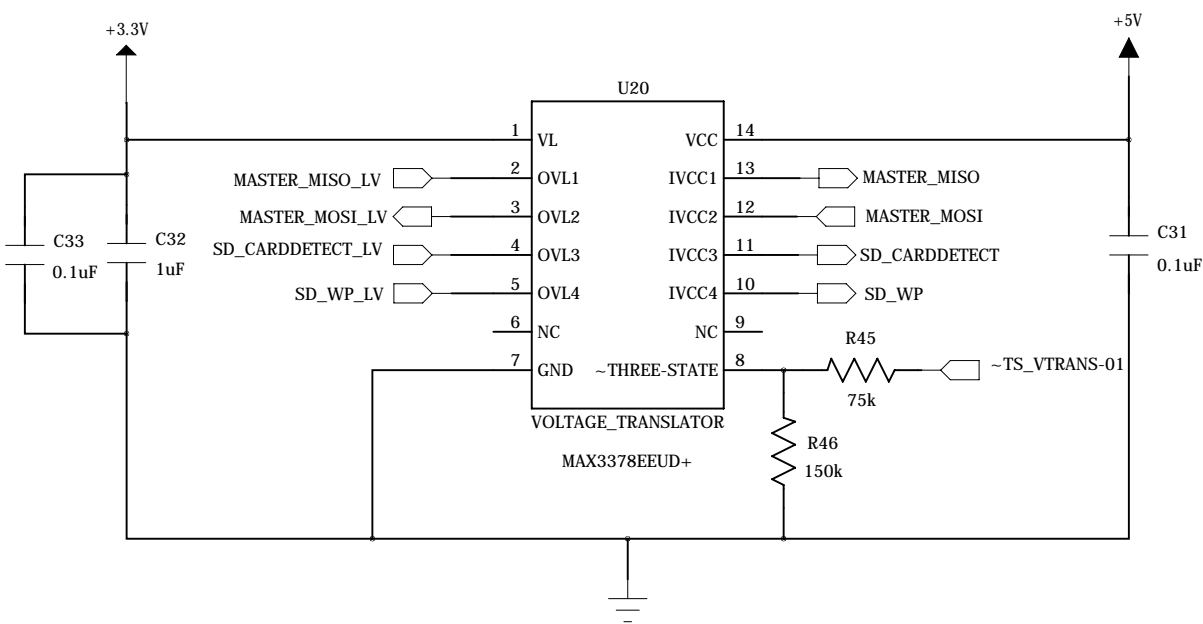


DRIFTOMETER SDI12
ADG SDI12

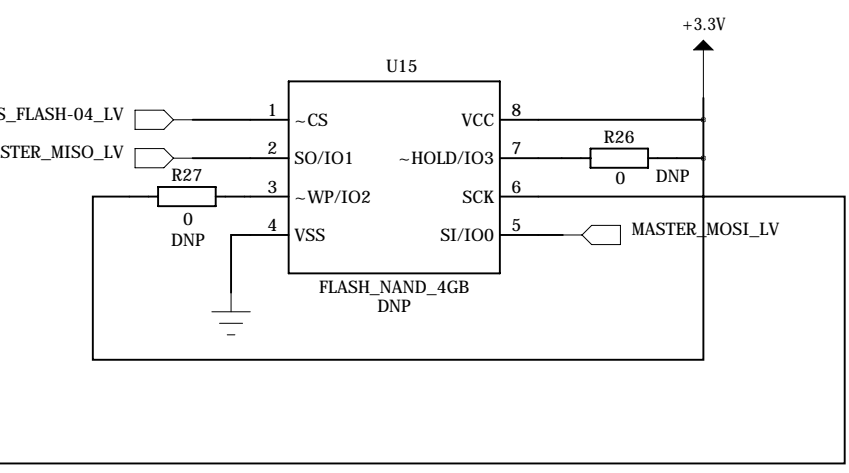
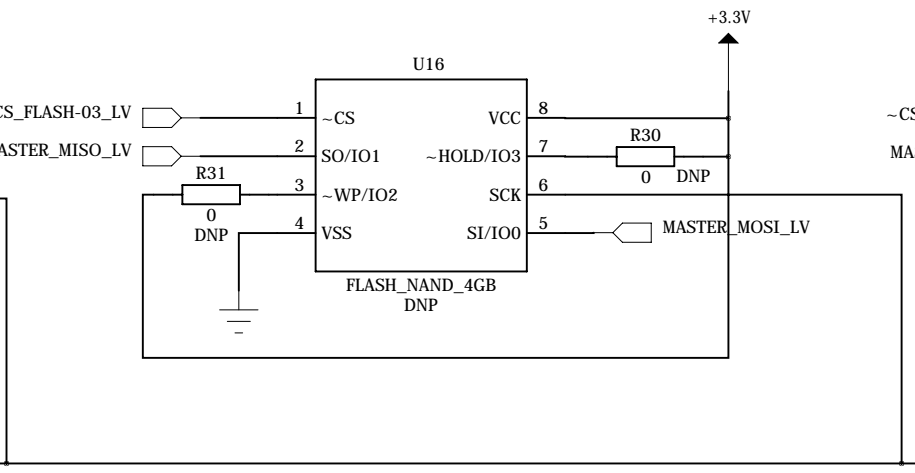
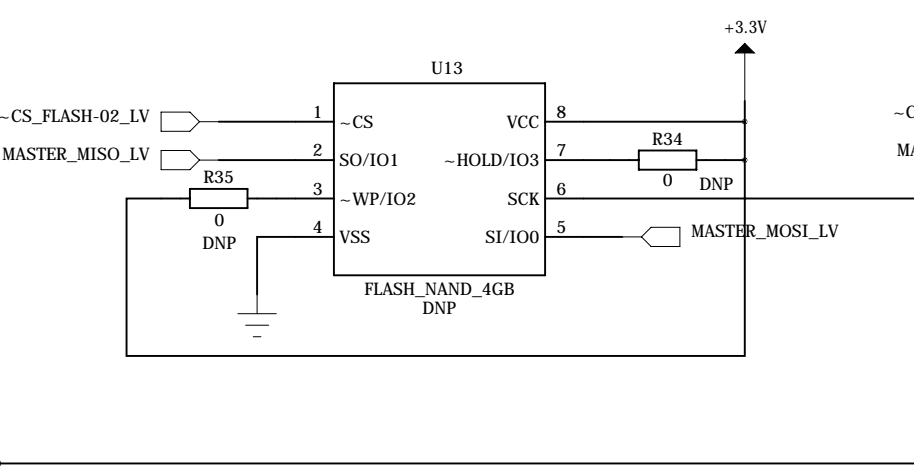
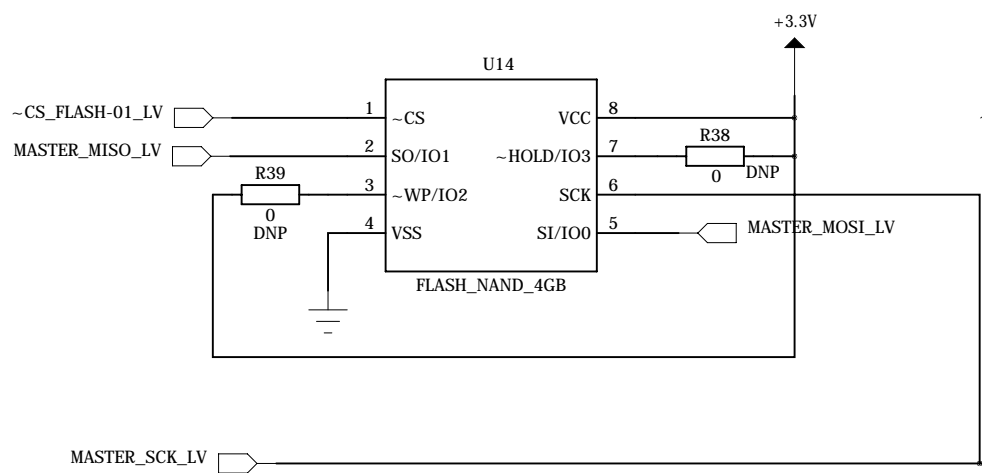


COMPANY: MATC ELECTRONICS			
TITLE: AWS LOGGER			
DRAWN: FAF	DATED: 09/19/19	CODE: -	SIZE: D
CHECKED: -	DATED: -	DRAWING NO: 2-2001	REV: 2.0
QUALITY CONTROL: -	DATED: -	SCALE: -	
RELEASED: -	DATED: -	SHEET: 6 of 8	

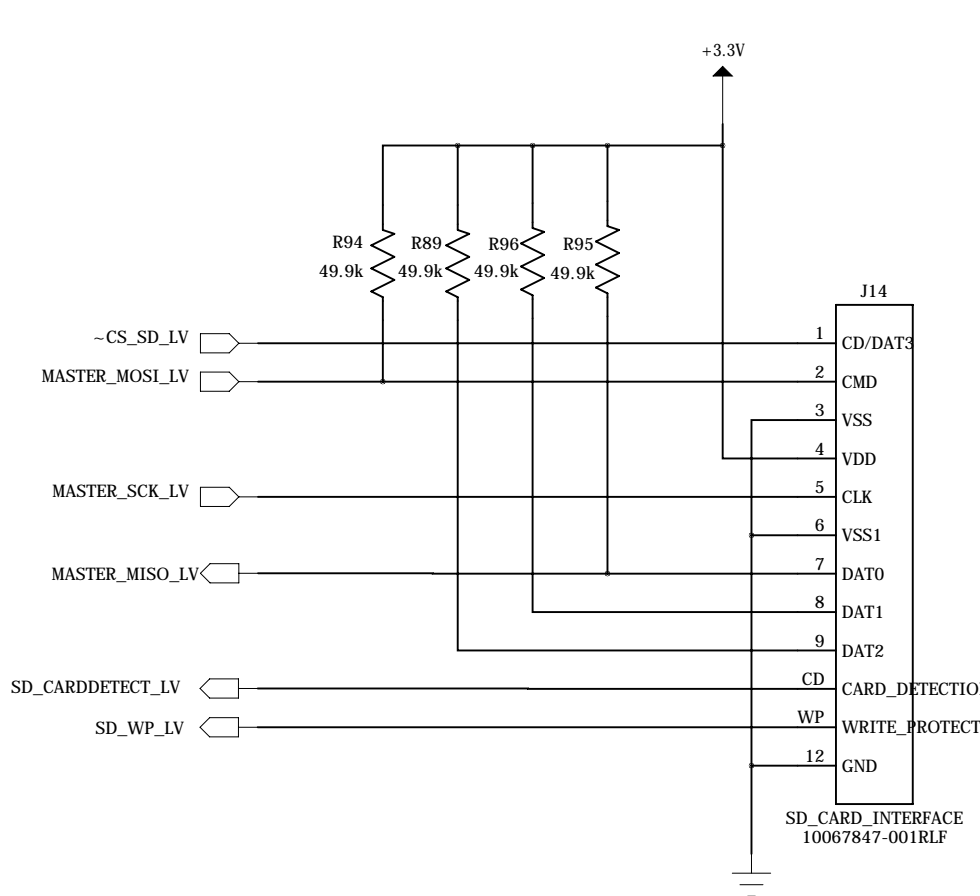
VOLTAGE TRANSLATION



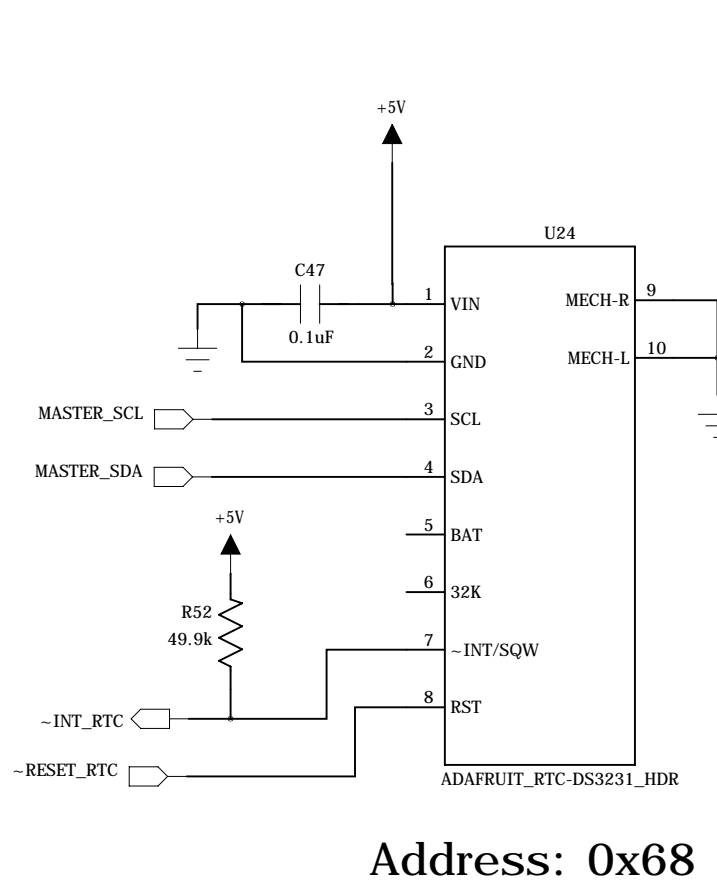
FLASH MEMORY MANAGEMENT



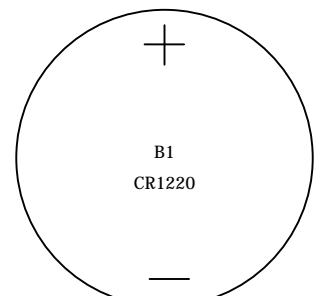
SD CARD INTERFACE



RTC

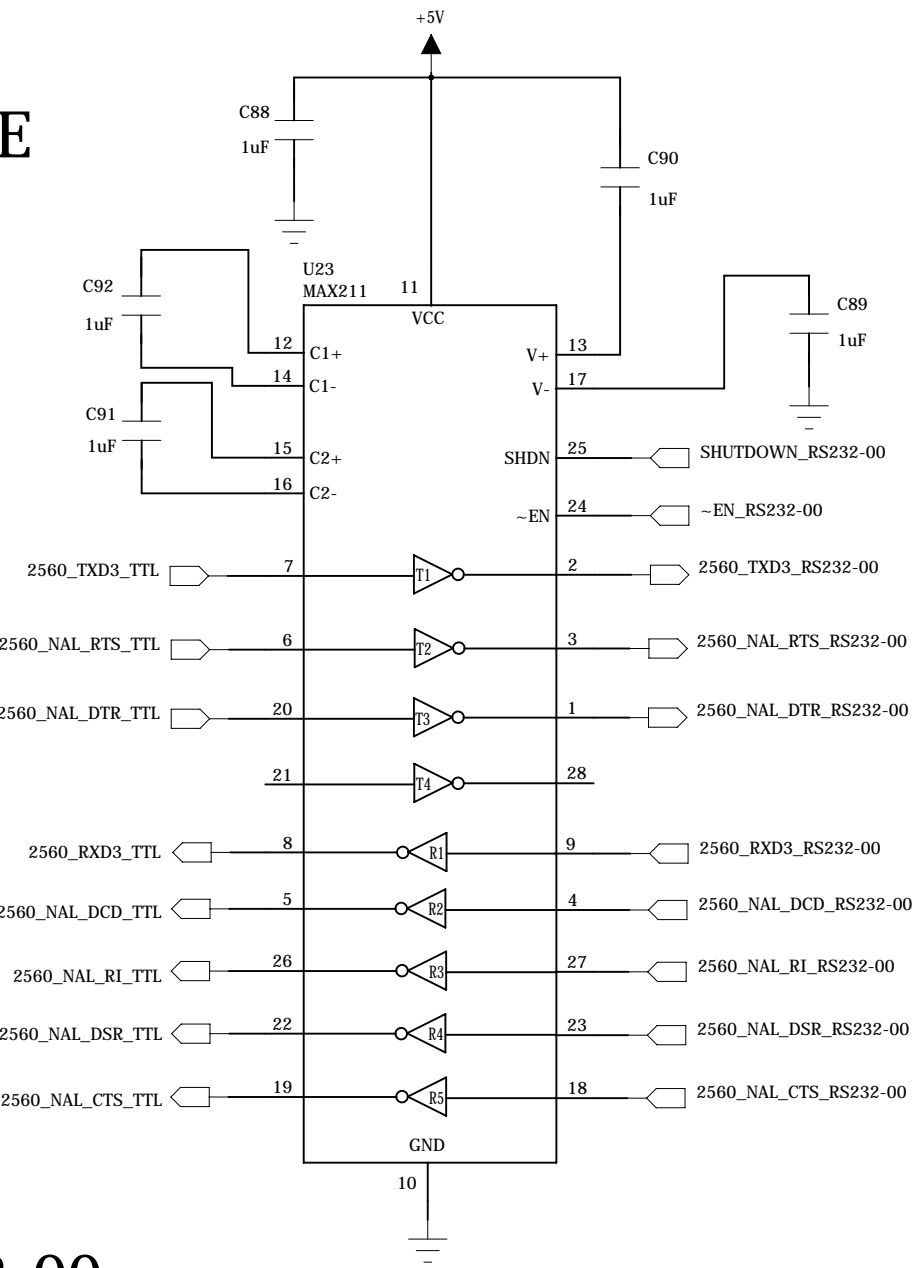


Address: 0x68

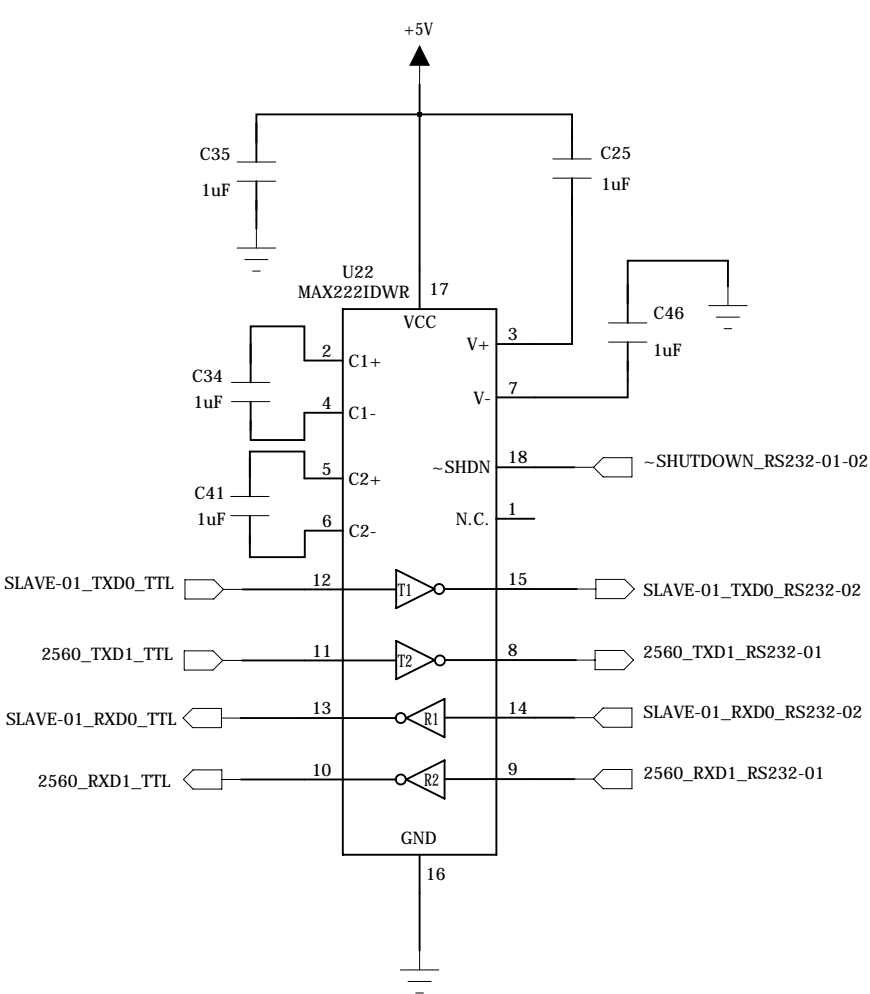


RTC Battery CR1220

RS232-00 INTERFACE

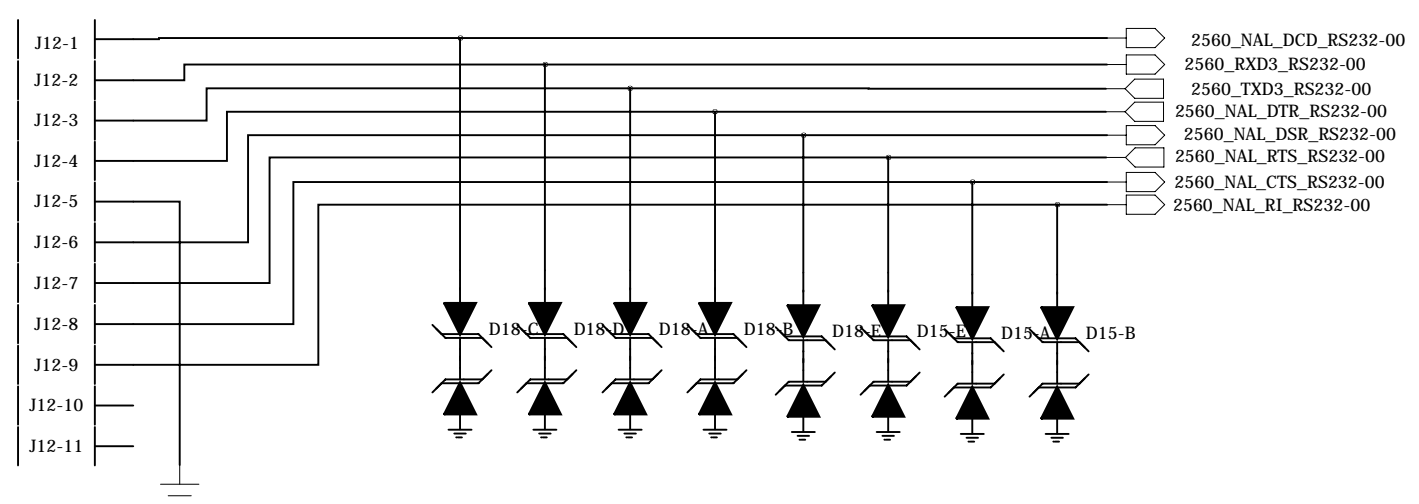


RS232-01-02 INTERFACE



SATELLITE RS232-00

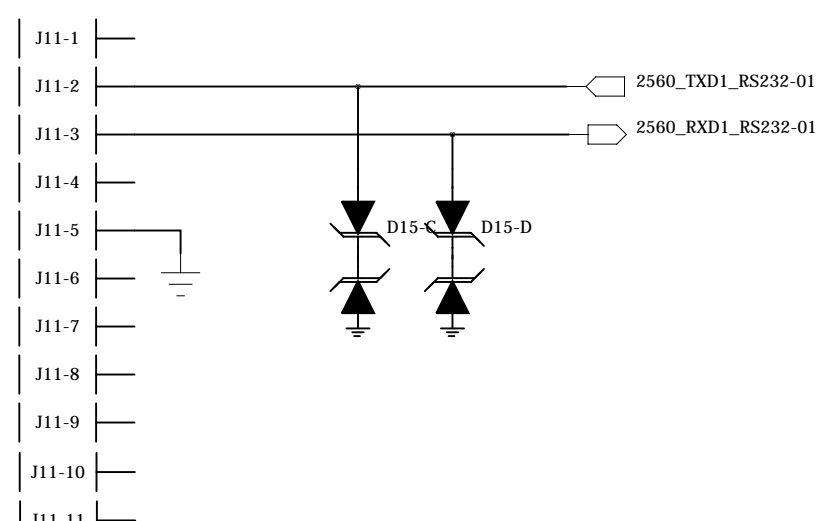
RS232-00



Pins 10 and 11 are mounting holes

MASTER_MCU_RS232-01

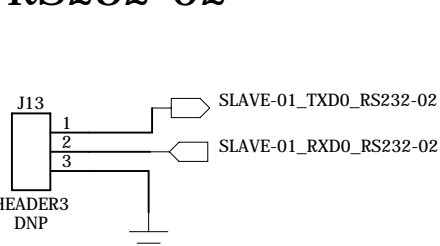
RS232-01



Pins 10 and 11 are mounting holes

SLAVE_MCU_RS232-02

RS232-02



DRAWN:	FAF	DATED:	09/19/19
CHECKED:	-	DATED:	-
QUALITY CONTROL:	-	DATED:	-
RELEASED:	-	DATED:	-

COMPANY: MATC ELECTRONICS			
TITLE: AWS LOGGER			
CODE: -	SIZE: D	DRAWING NO: 2-2001	REV: 2.0
SCALE: -		SHEET: 7 of 8	

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4

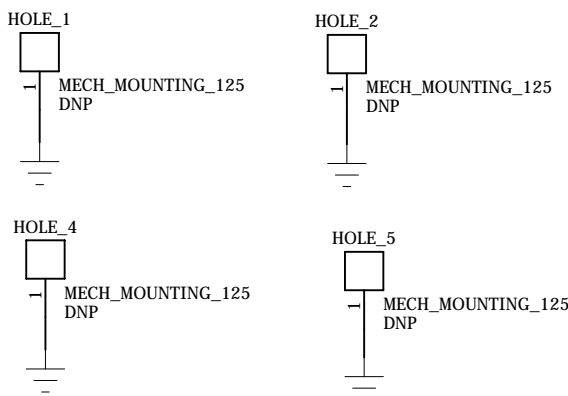
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2

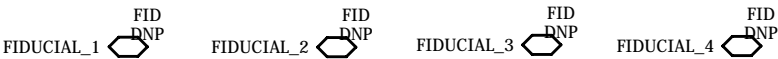
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REVISION RECORD			
LTR	ECO NO.	APPROVED:	DATE:

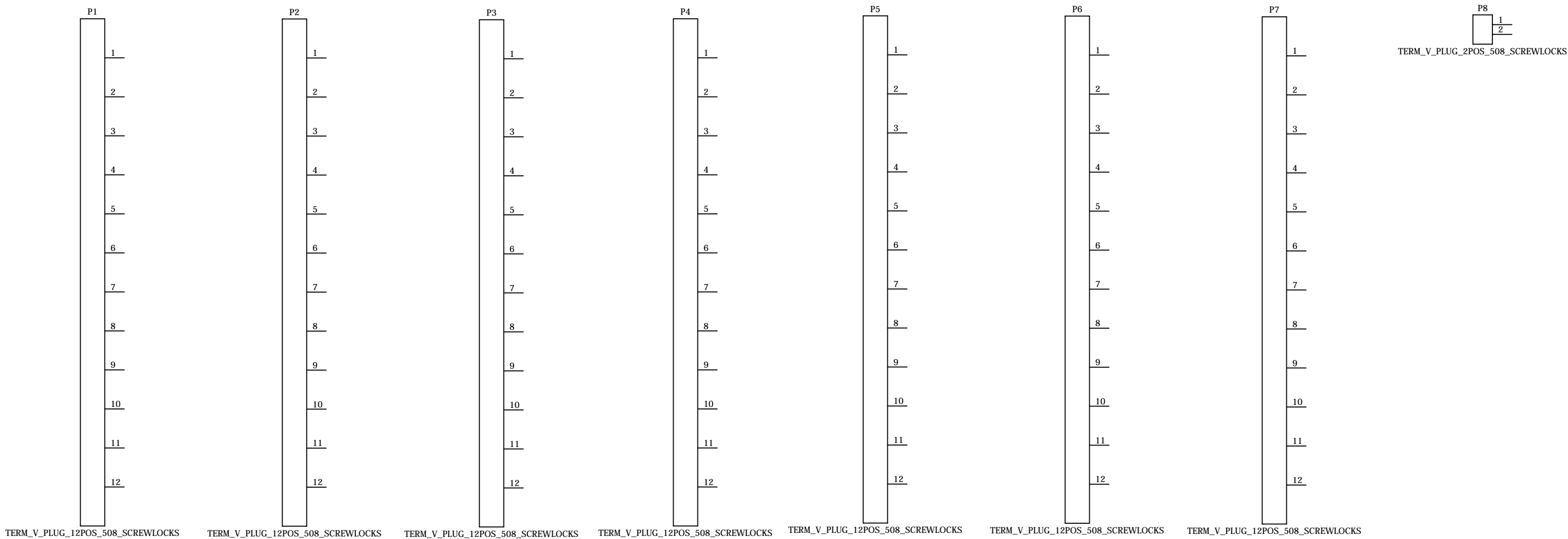
PCB MOUNTING HOLES



PCB 0.1" FIDUCIALS



SCREWLOCK CONNECTOR PLUGS



COMPANY: MATC ELECTRONICS			
TITLE: AWS LOGGER			
DRAWN: FAF	DATED: 09/19/19	CODE: -	SIZE: D
CHECKED: -	DATED: -	DRAWING NO: 2-2001	REV: 2.0
QUALITY CONTROL: -	DATED: -	SHEET: 8 of 8	
RELEASED: -	DATED: -	SCALE: -	