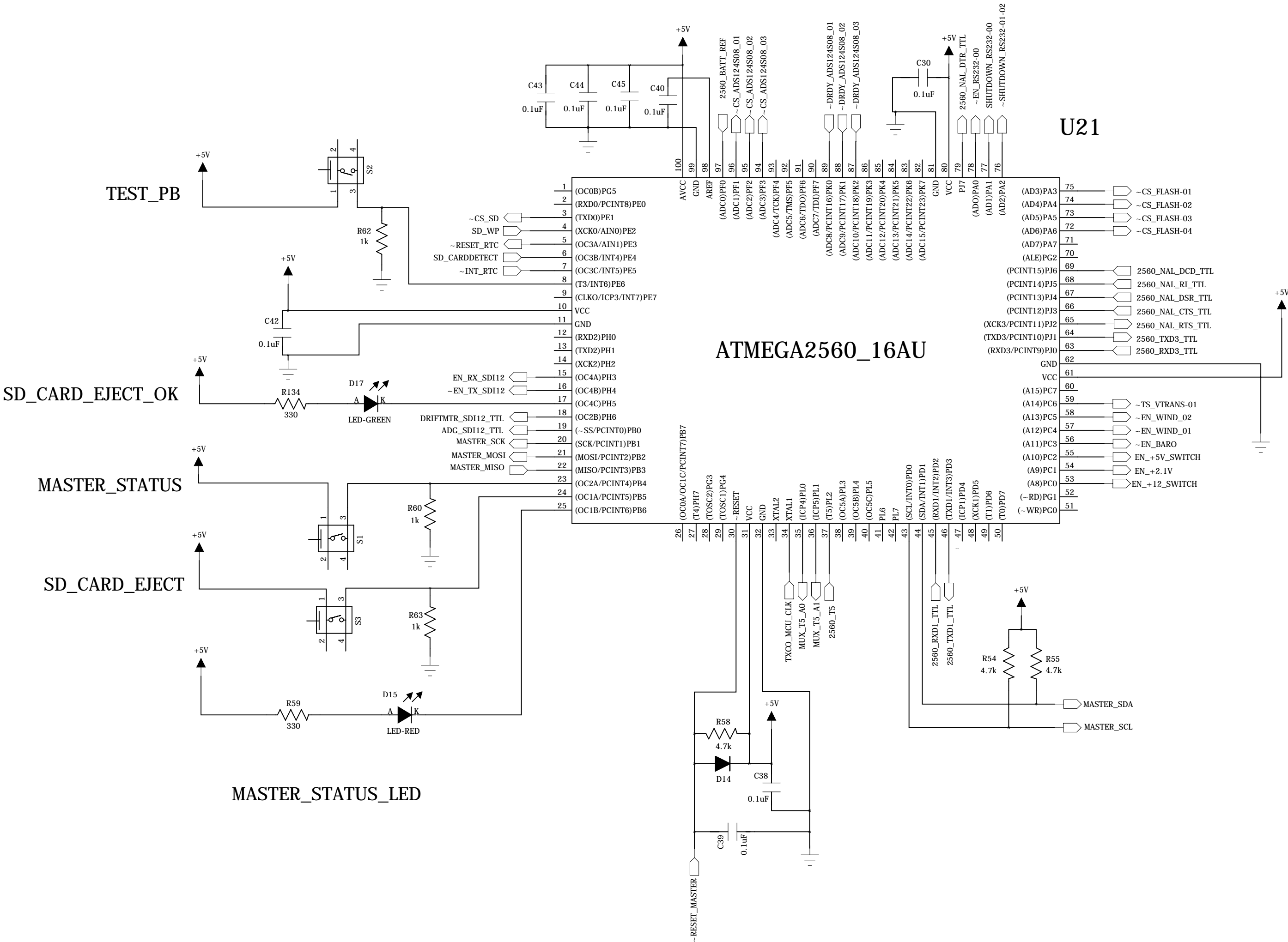
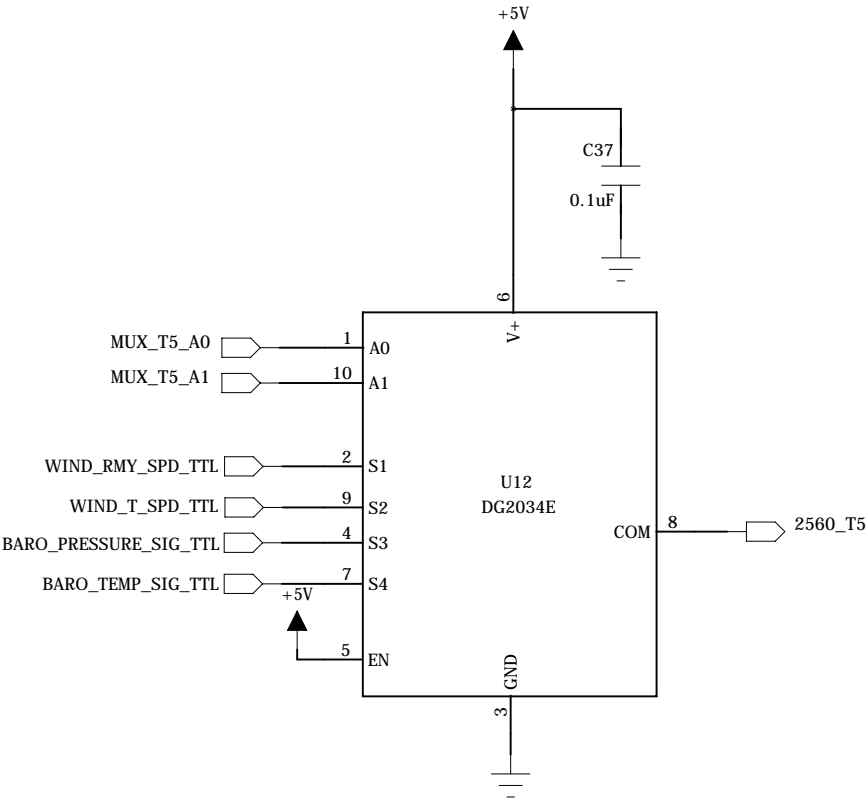


REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

MCU

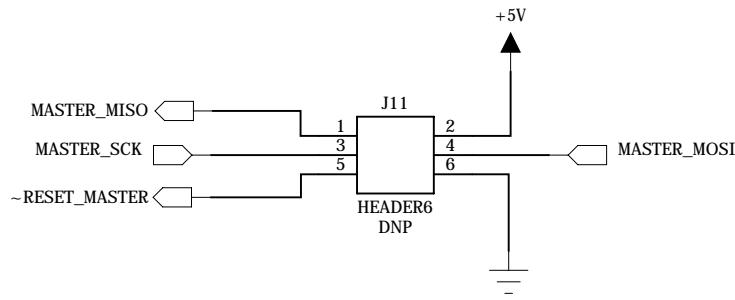


MUX for TIMER5 signals



ISP HEADER CONFIGURATION

MASTER\_ISP



DRAWN:	FAF	DATED:	07/12/21	COMPANY: MATC ELECTRONICS			
CHECKED:	-	DATED:	-	TITLE: AWS LOGGER			
QUALITY CONTROL:	-	DATED:	-	CODE:	SIZE:	DRAWING NO:	REV:
RELEASED:	-	DATED:	-	-	D	2-2001	2.1
SCALE: -				SHEET: 1 of 10			

6

5

4

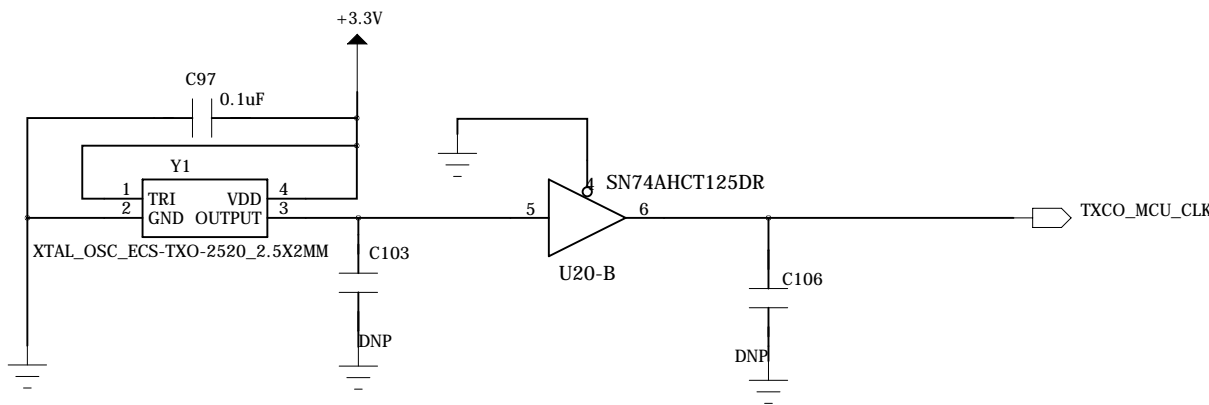
3

2

1

REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

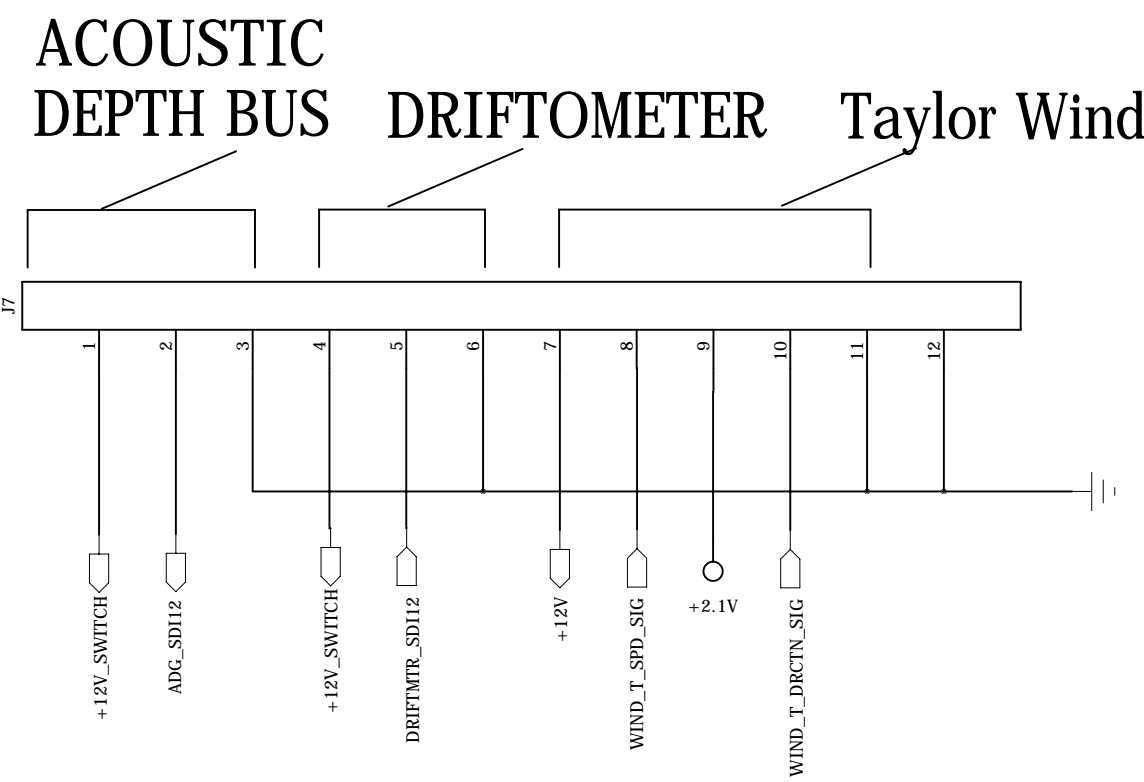
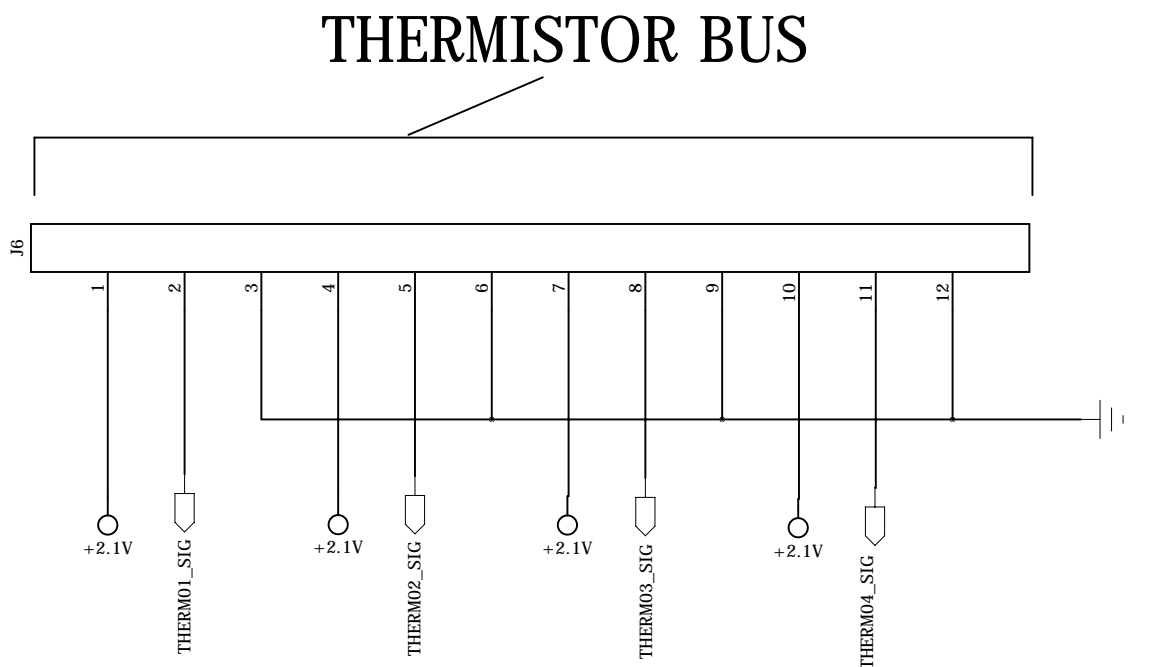
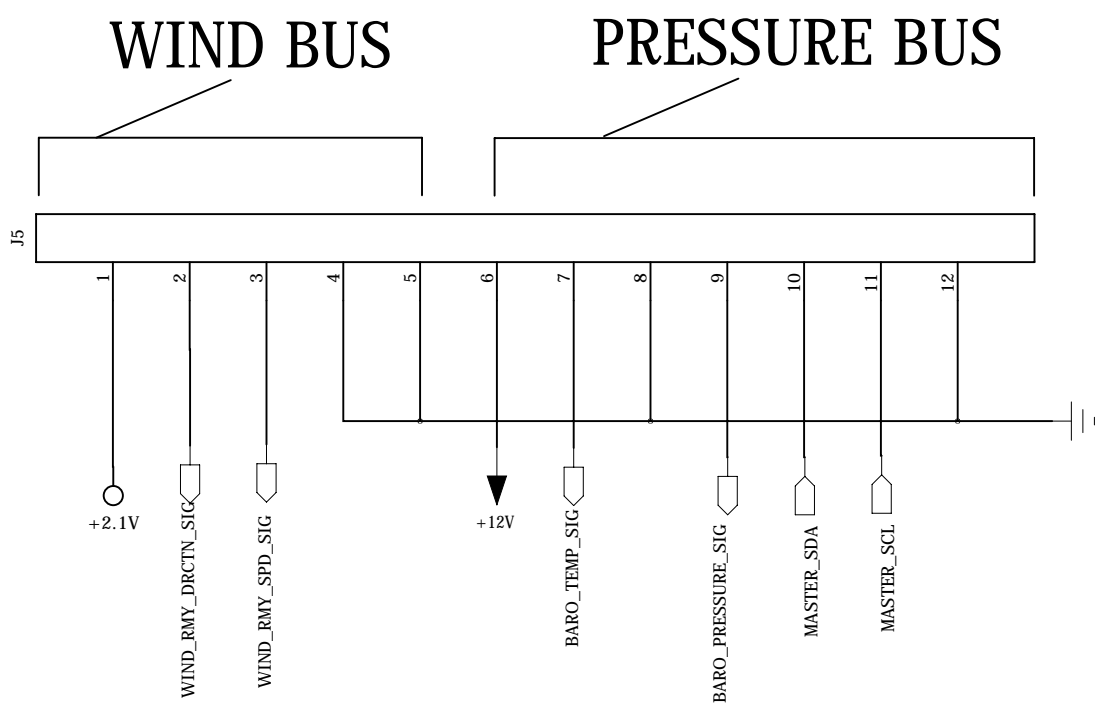
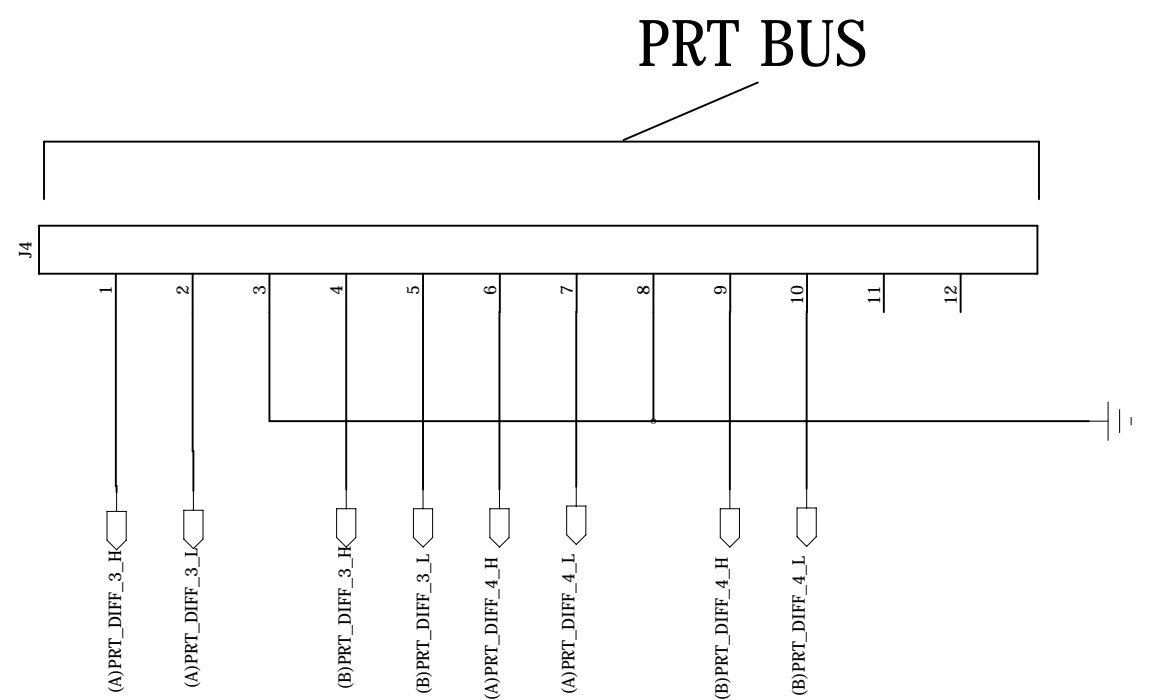
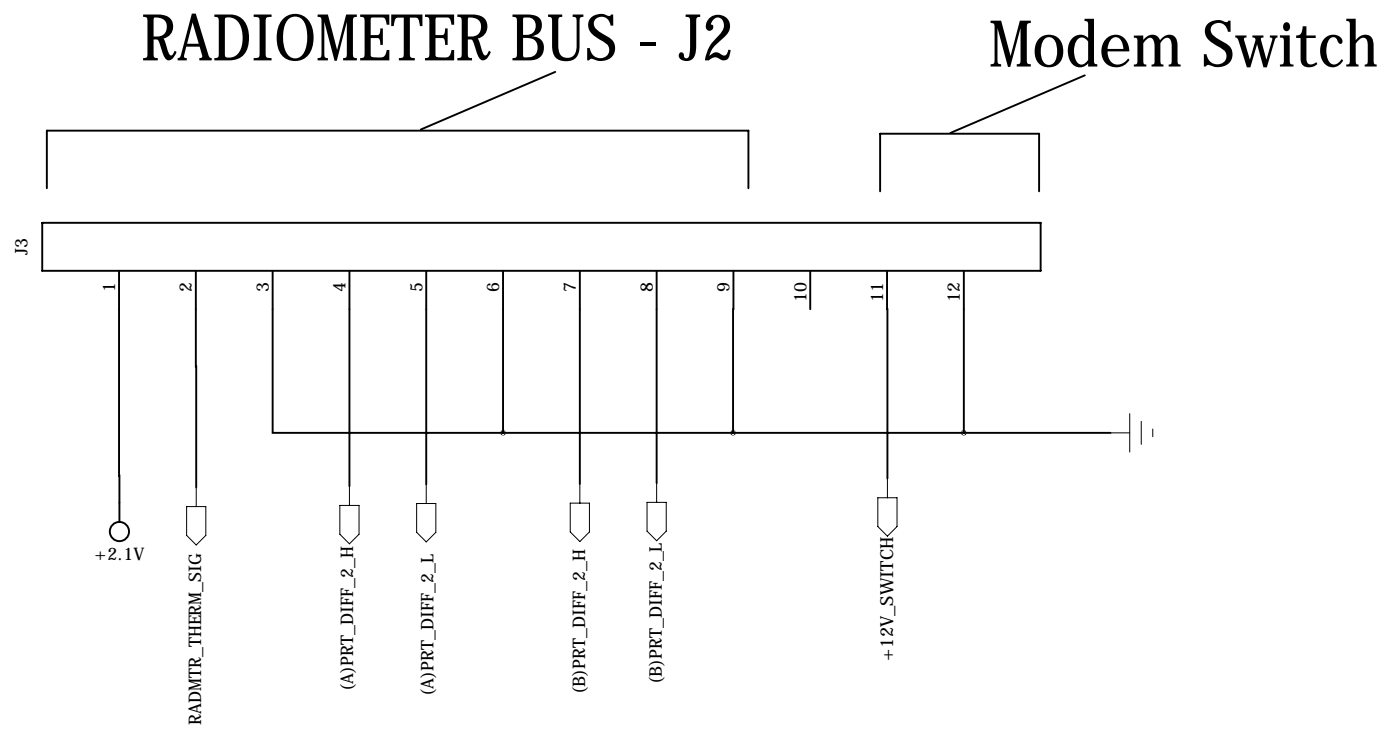
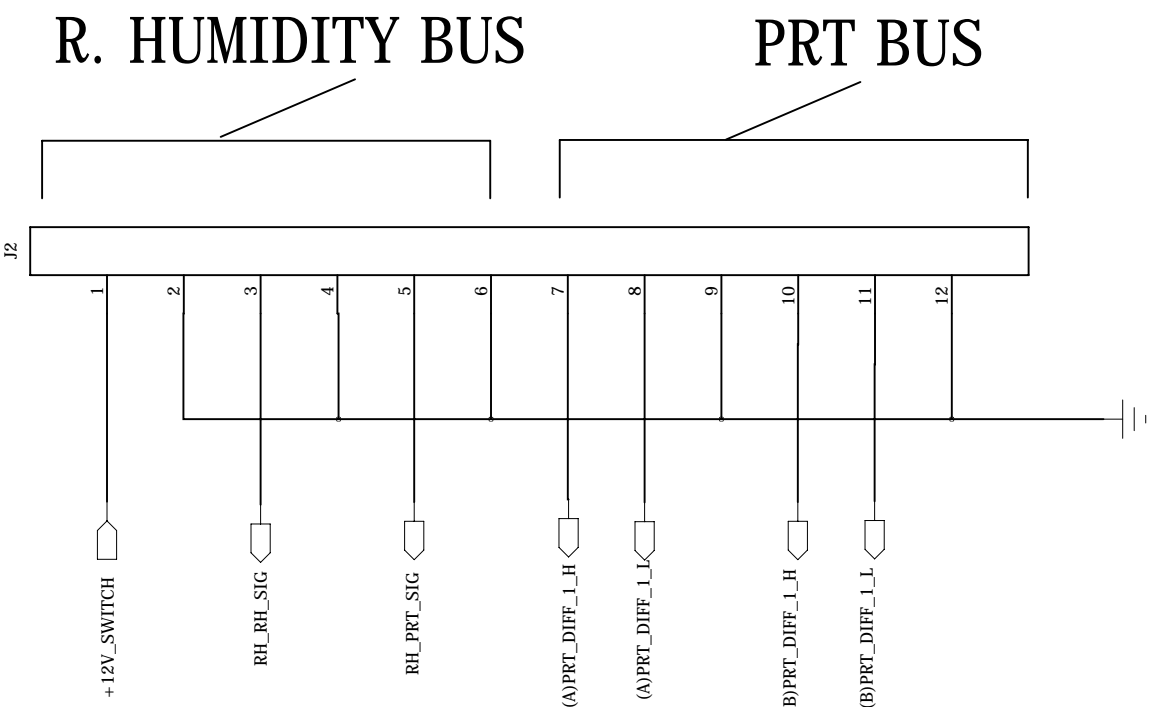
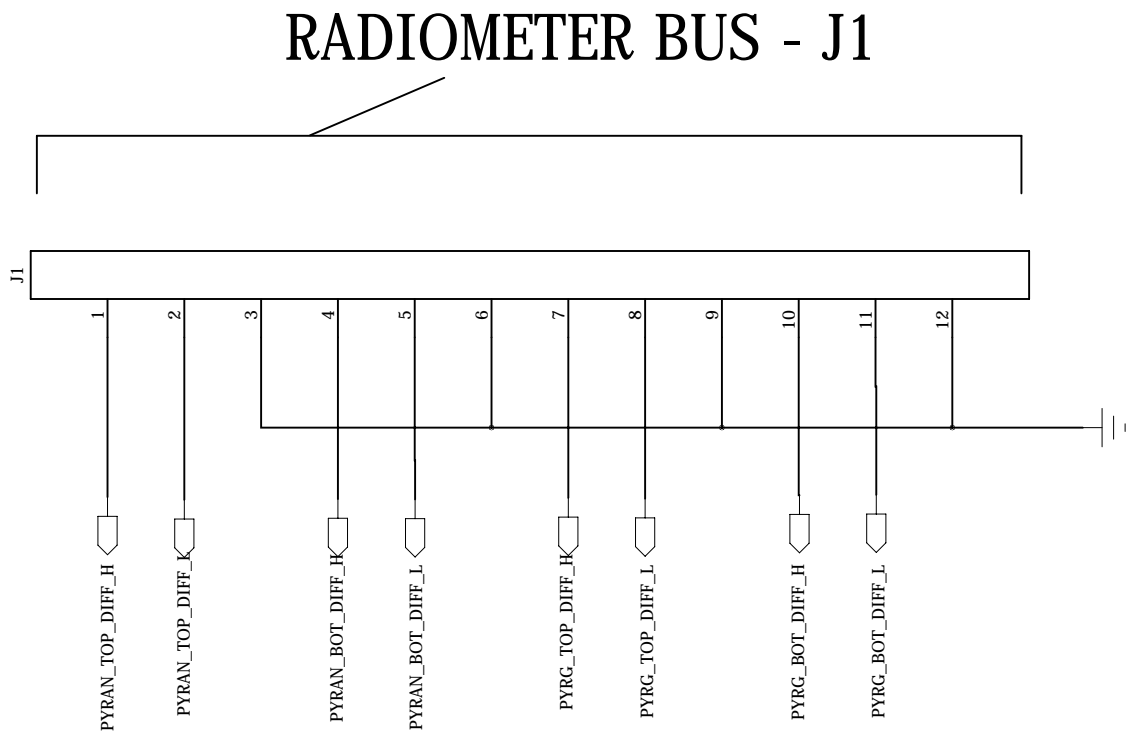
TXCO CLOCK DRIVER



COMPANY: MATC ELECTRONICS			
TITLE: AWS LOGGER			
DRAWN: FAF	DATED: 07/12/21	CODE: -	SIZE: D
CHECKED: -	DATED: -	DRAWING NO: 2-2001	REV: 2.1
QUALITY CONTROL: -	DATED: -	SCALE: -	
RELEASED: -	DATED: -	SHEET: 2 of 10	



REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:



DRAWN:	FAF	DATED:	07/12/21
CHECKED:	-	DATED:	-
QUALITY CONTROL:	-	DATED:	-
RELEASED:	-	DATED:	-

COMPANY: MATC ELECTRONICS			
TITLE: AWS LOGGER			
CODE:	SIZE:	DRAWING NO:	REV:
-	D	2-2001	2.1
SCALE: -		SHEET: 4 of 10	

6

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3

2

1

REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

RADIOMETER BUS - J1 and J3

Modem Switch



WIND BUS

PRESSURE BUS

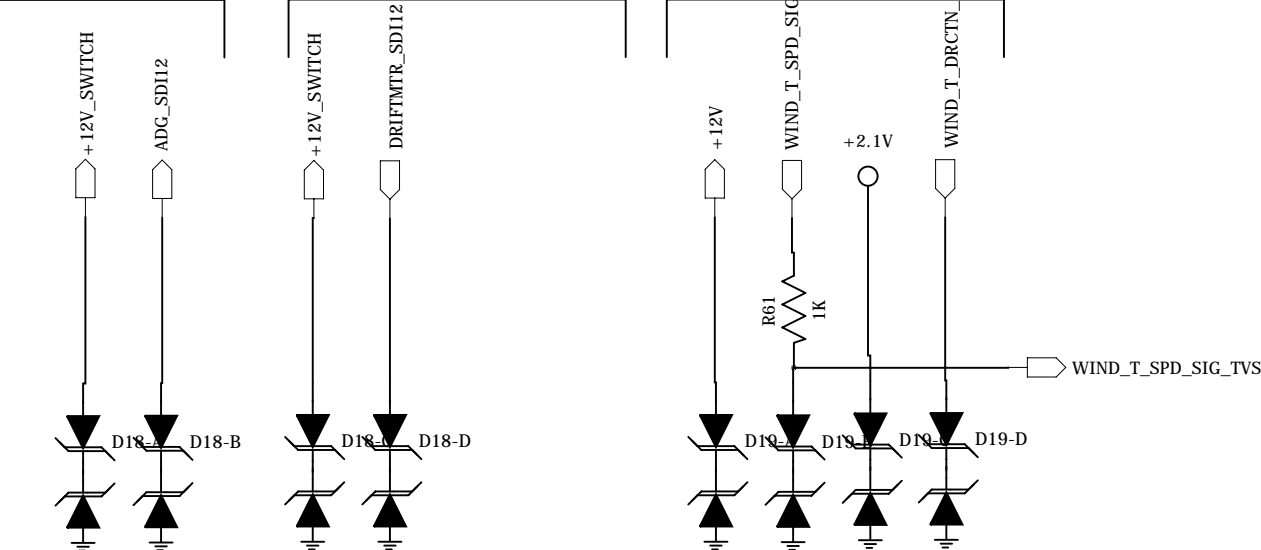
R. HUMIDITY BUS

PRT BUS

PRT BUS

THERMISTOR BUS

ACOUSTIC DEPTH BUS DRIFTOMETER Taylor Wind



COMPANY: MATC ELECTRONICS			
TITLE: AWS LOGGER			
CODE: -	SIZE: D	DRAWING NO: 2-2001	REV: 2.1
SCALE: -		SHEET: 5of 10	

DRAWN: FAF	DATED: 07/12/21
CHECKED: -	DATED: -
QUALITY CONTROL: -	DATED: -
RELEASED: -	DATED: -



6

5

4

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2

1

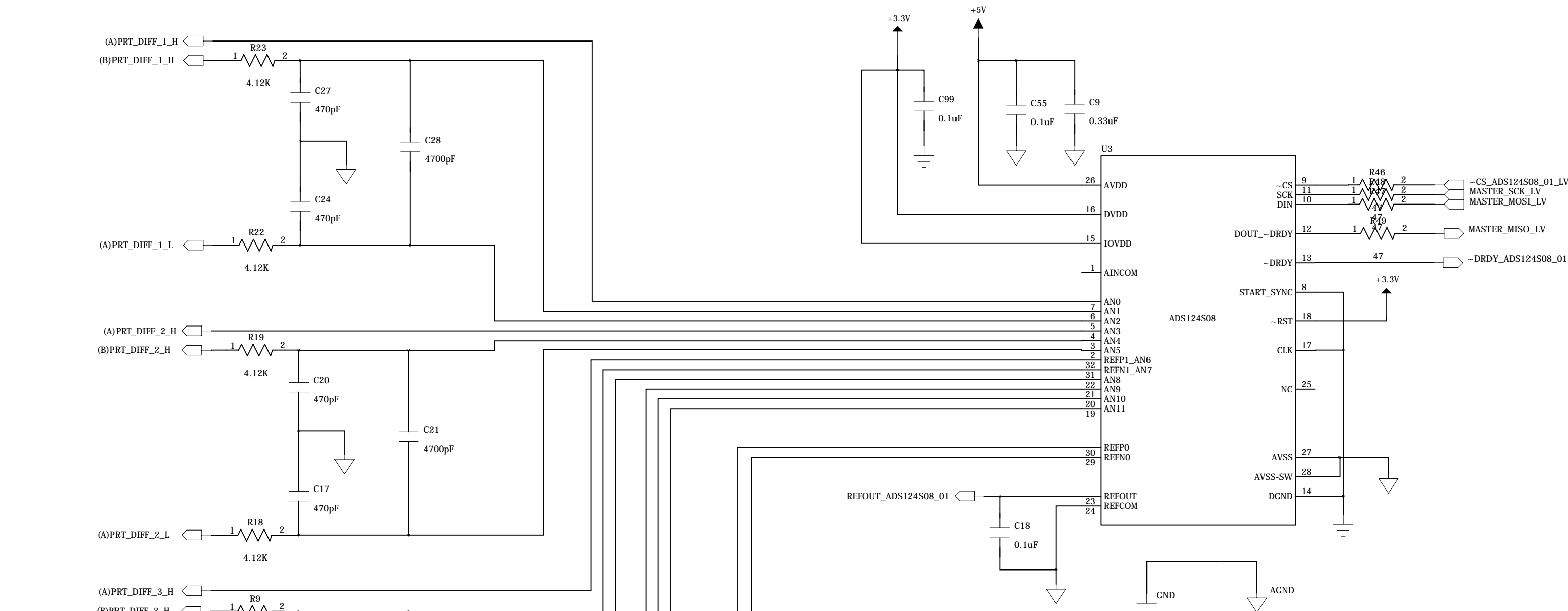
REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

D

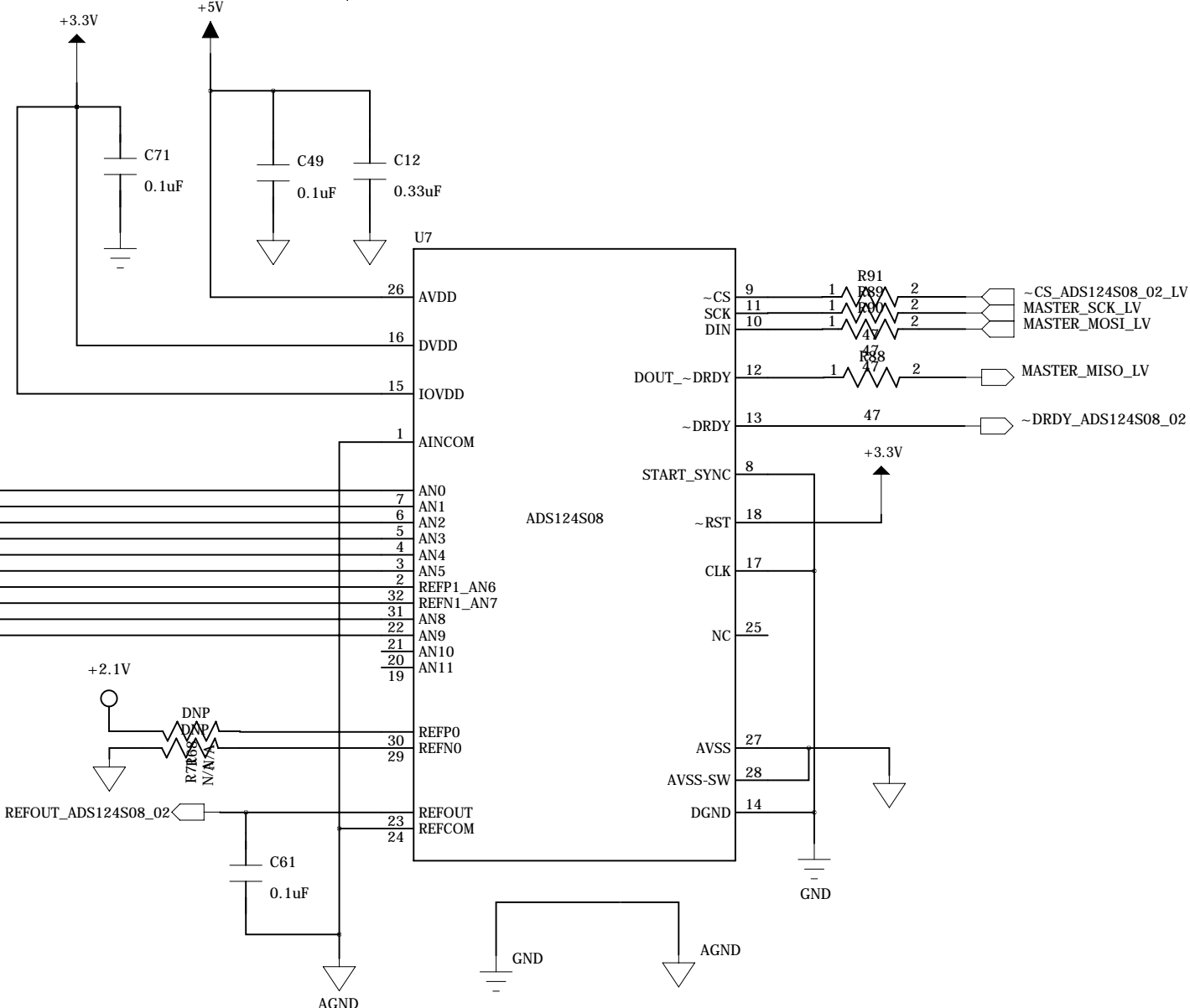
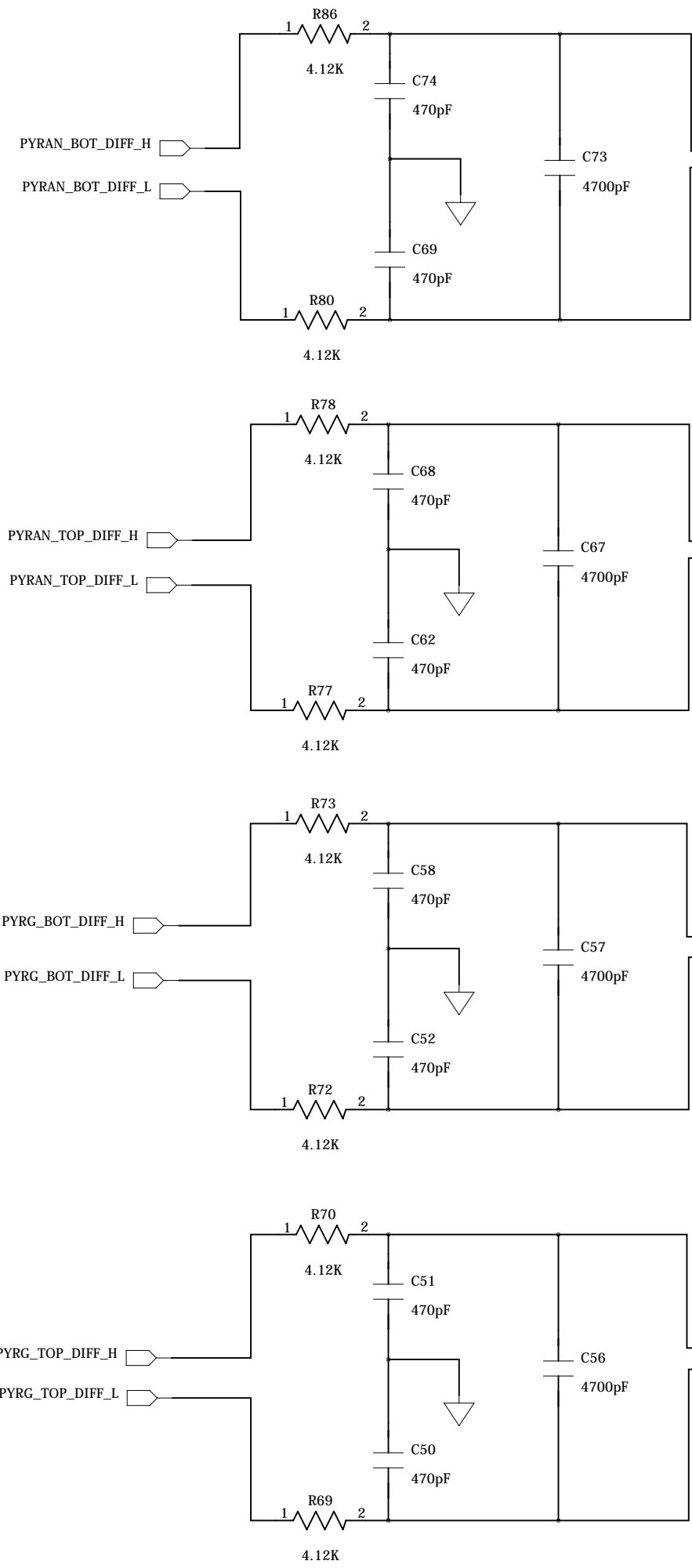
C

B

A



Run from J6 not from Plane



D

C

B

A

COMPANY: MATC ELECTRONICS			
TITLE: AWS LOGGER			
DRAWN: FAF	DATED: 07/12/21	CODE: -	SIZE: D
CHECKED: -	DATED: -	DRAWING NO: 2-2001	REV: 2.1
QUALITY CONTROL: -	DATED: -	SHEET: 7 of 10	
RELEASED: -	DATED: -	SCALE: -	

6

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4

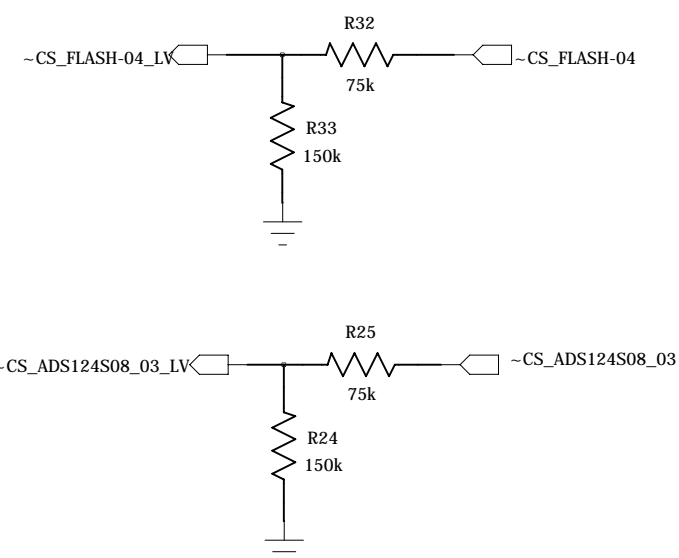
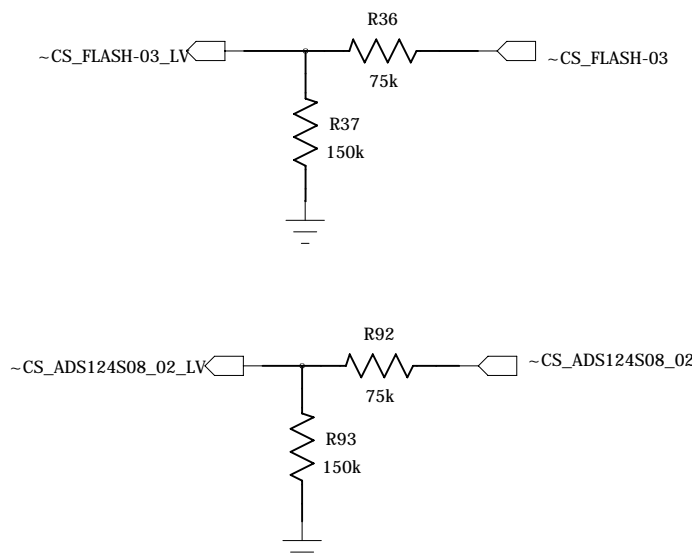
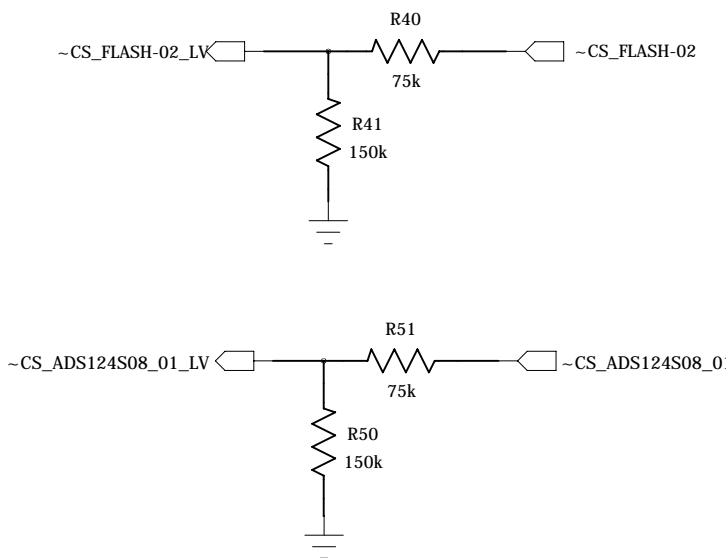
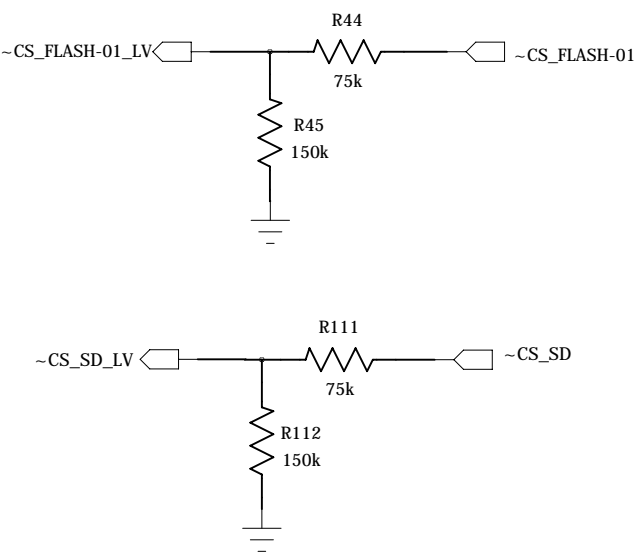
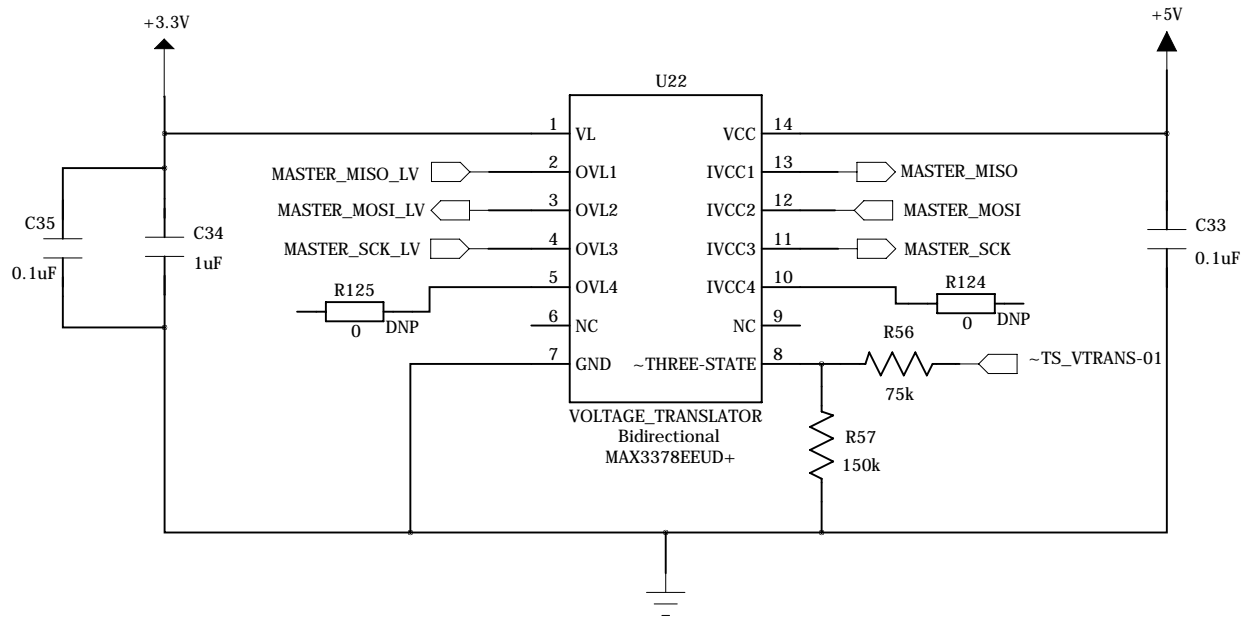
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2

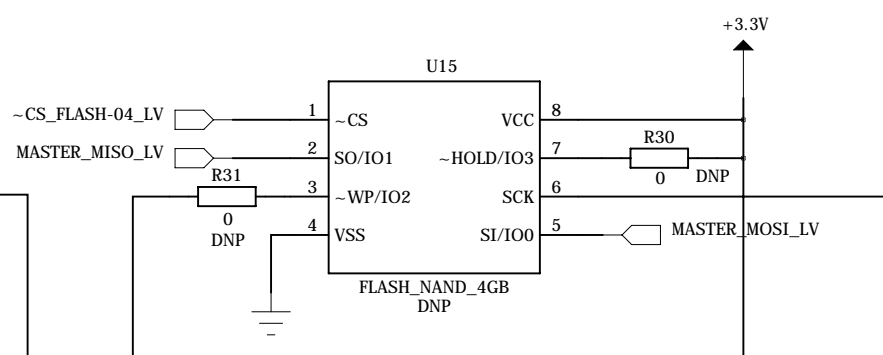
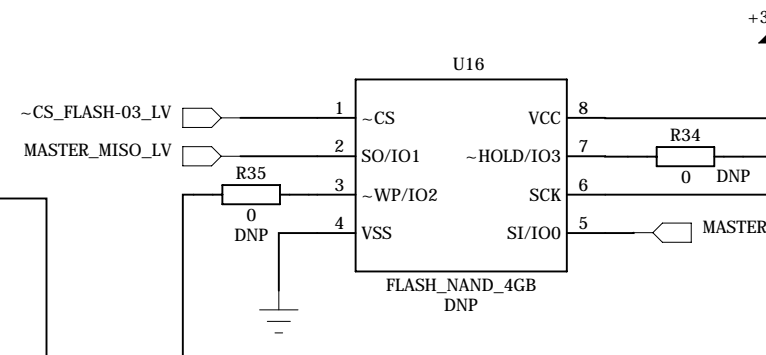
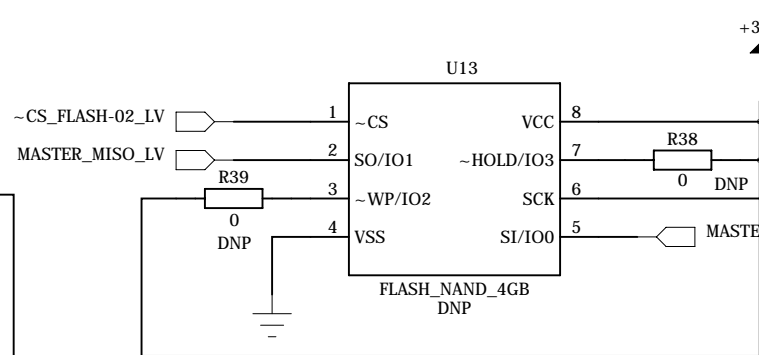
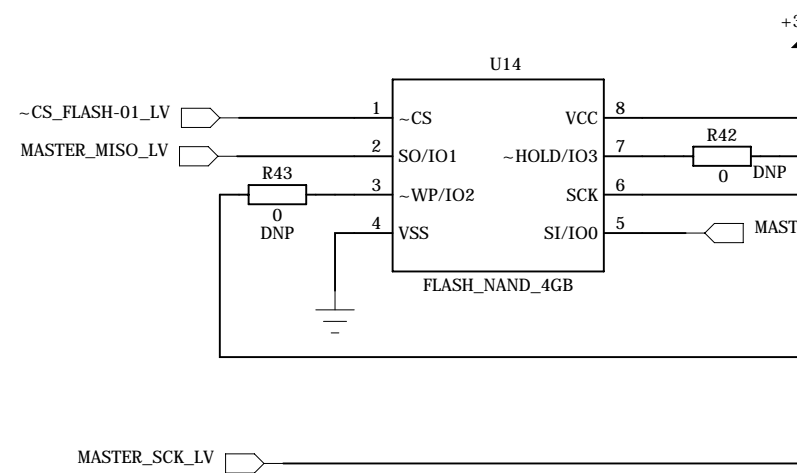
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REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

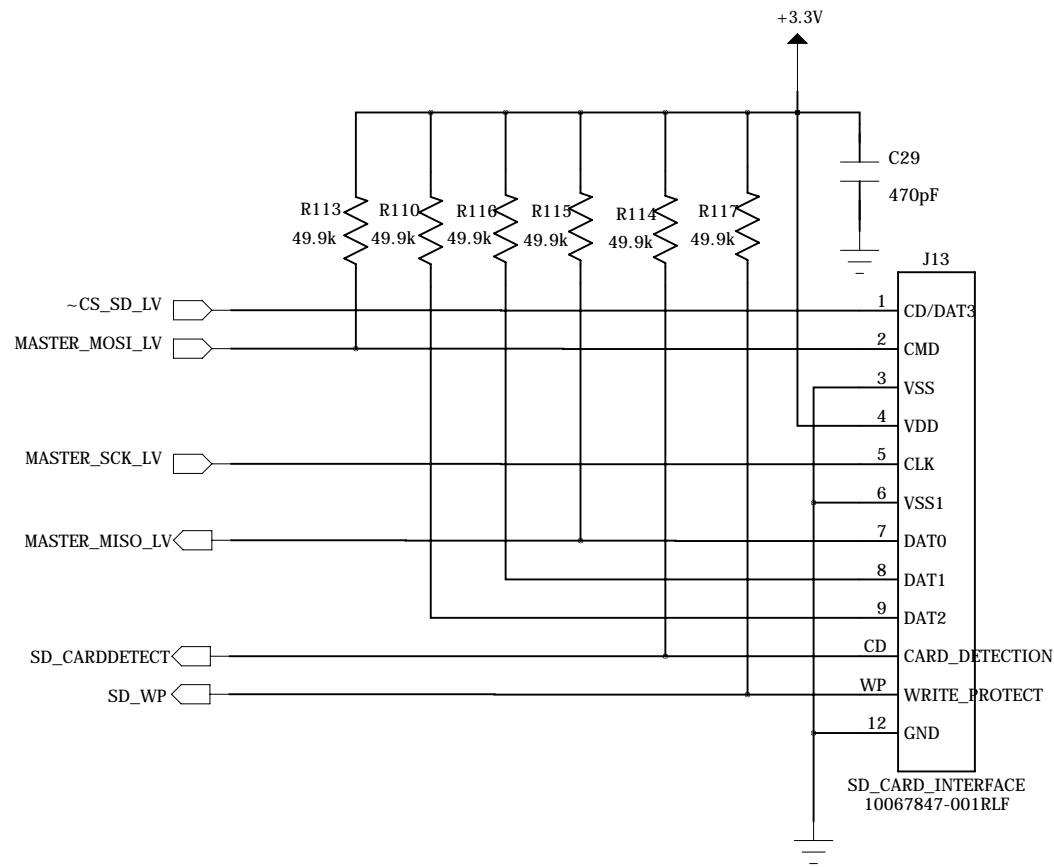
VOLTAGE TRANSLATION



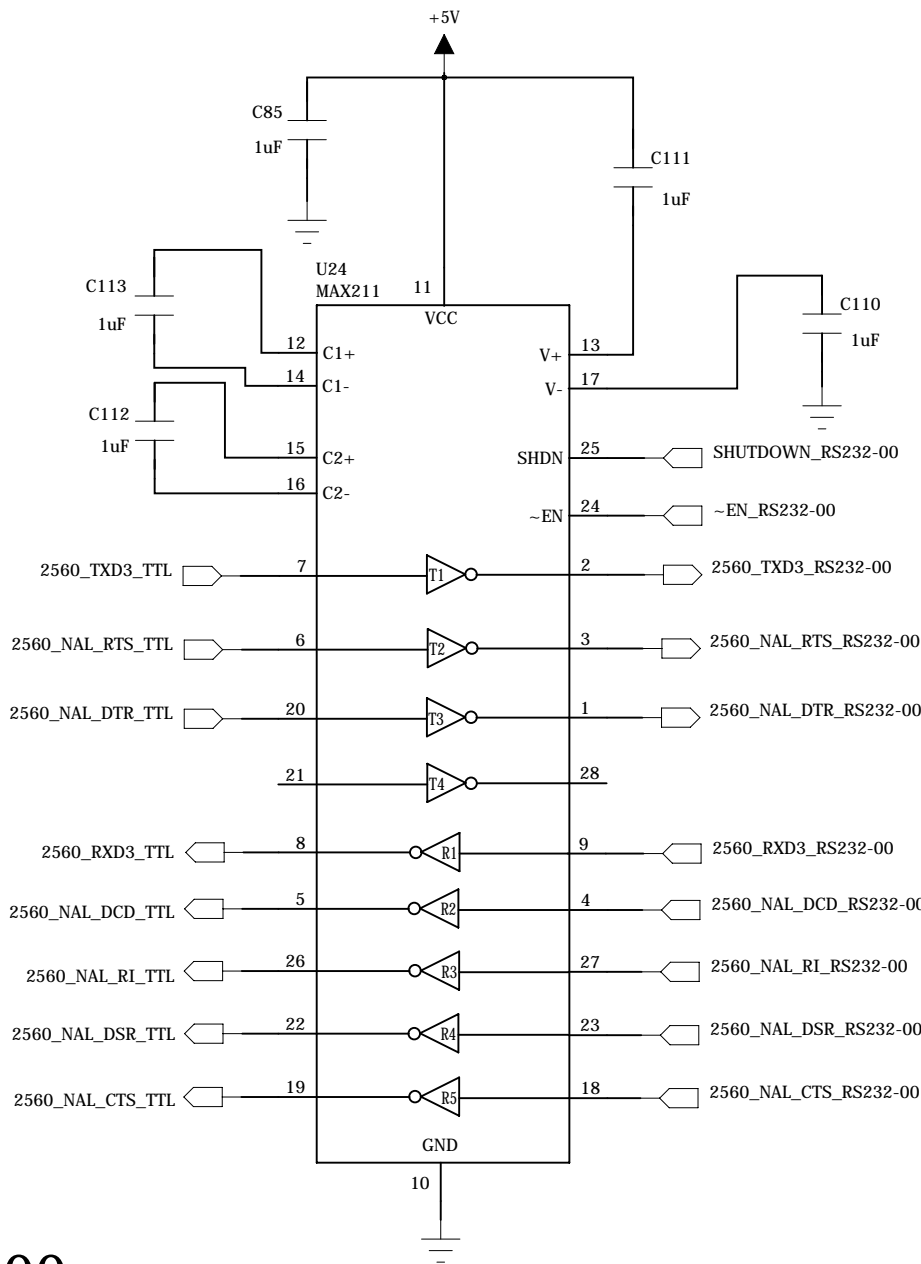
FLASH MEMORY MANAGEMENT



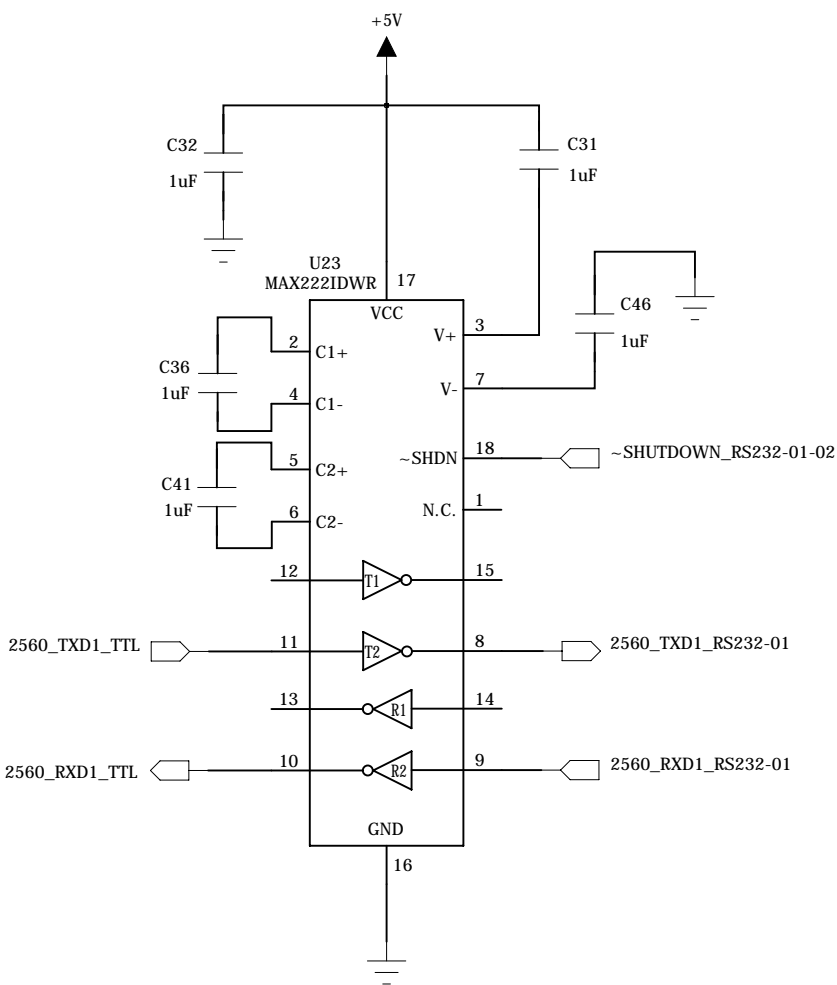
SD CARD INTERFACE



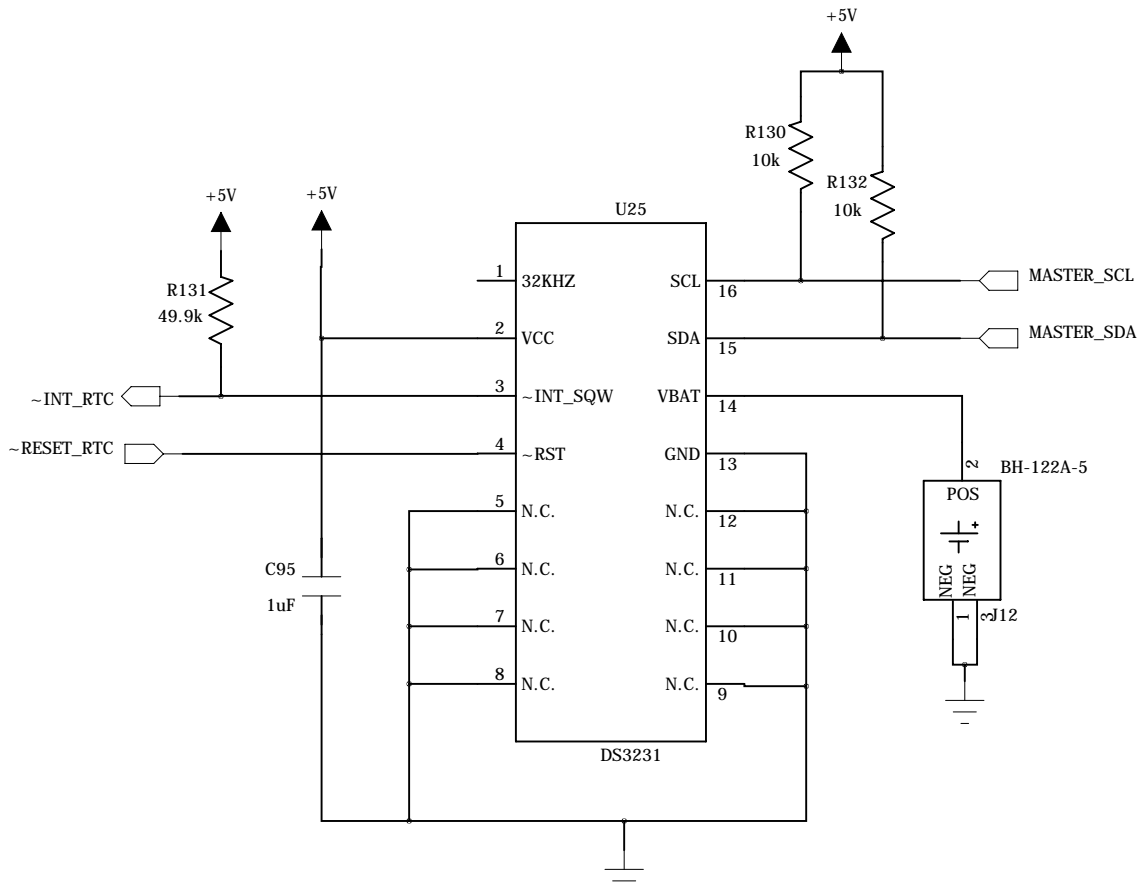
RS232-00 INTERFACE



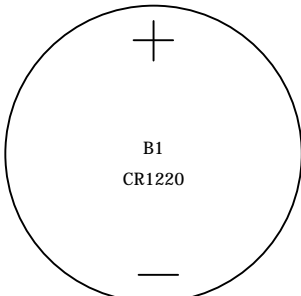
RS232-01-02 INTERFACE



RTC



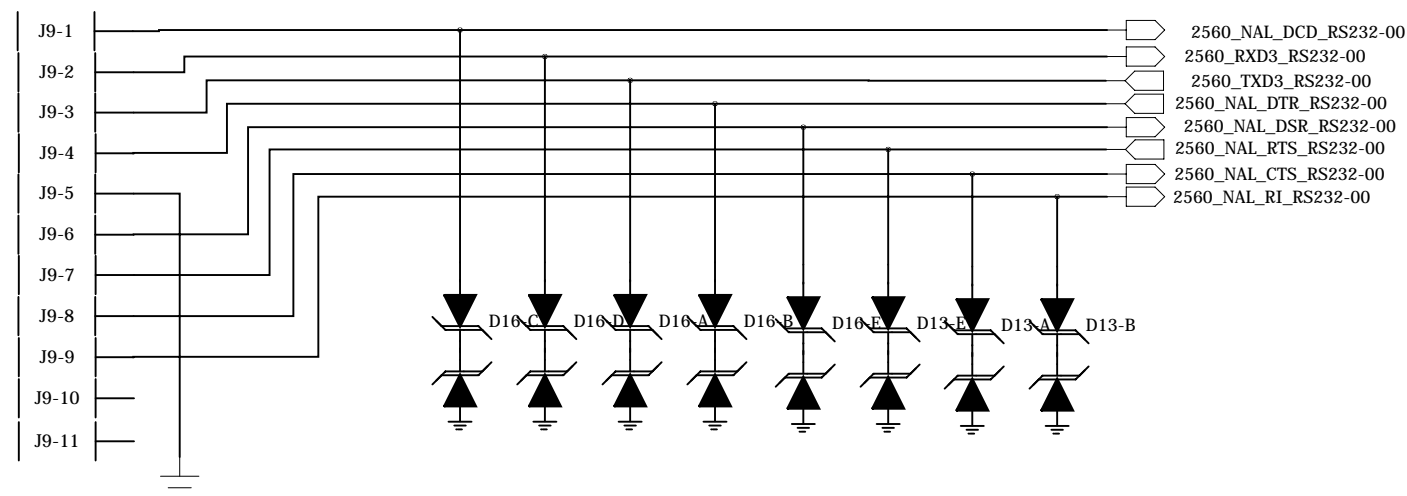
Address: 0x68



RTC Battery CR1220

SATELLITE RS232-00

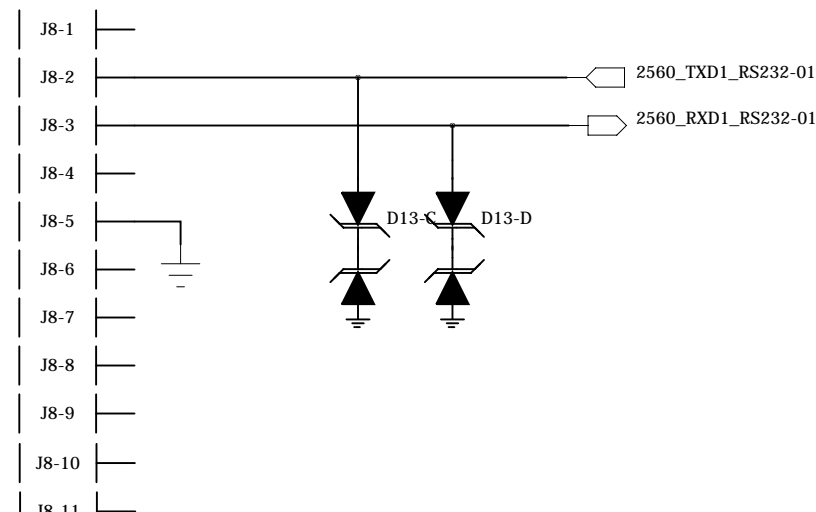
RS232-00



Pins 10 and 11 are mounting holes

MASTER\_MCU\_RS232-01

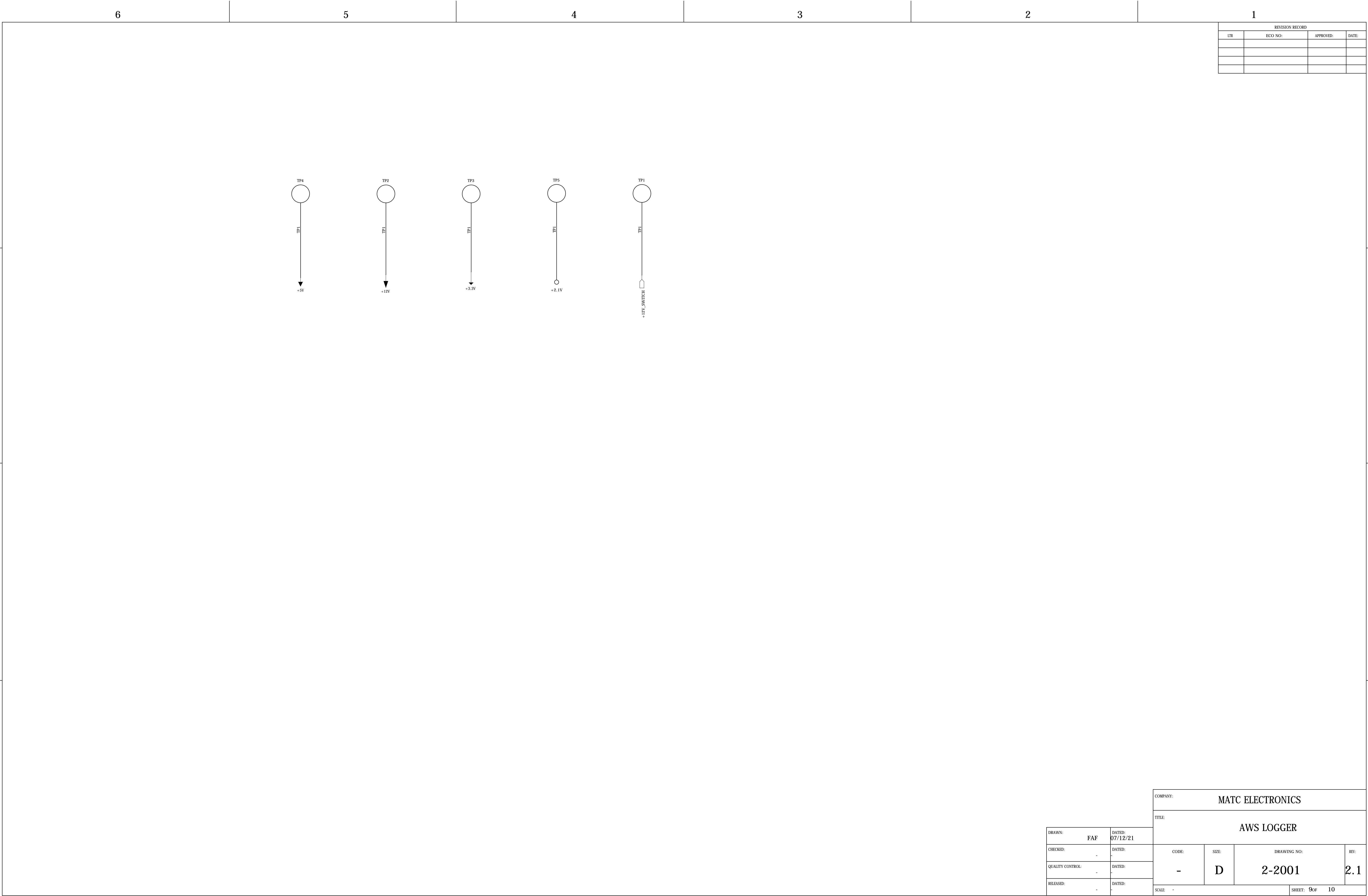
RS232-01



Pins 10 and 11 are mounting holes

COMPANY: MATC ELECTRONICS			
TITLE: AWS LOGGER			
DRAWN: FAF	DATED: 07/12/21	CODE: -	SIZE: D
CHECKED: -	DATED: -	DRAWING NO: 2-2001	REV: 2.1
QUALITY CONTROL: -	DATED: -	SHEET: 8 of 10	
RELEASED: -	DATED: -		





6

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4

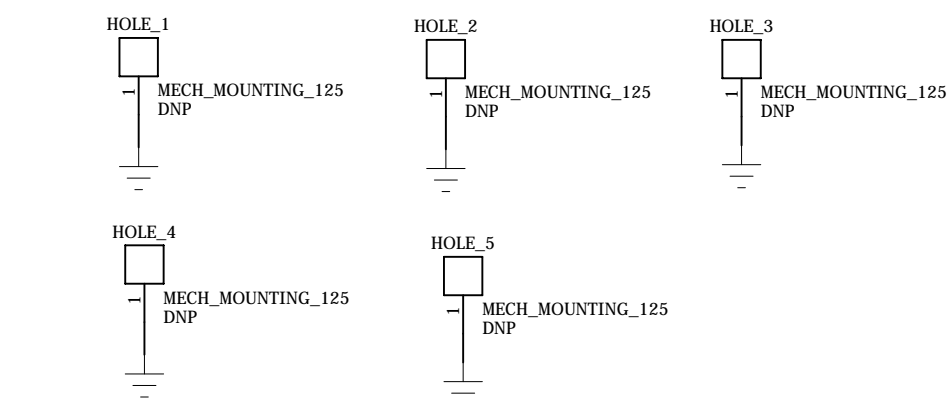
3

2

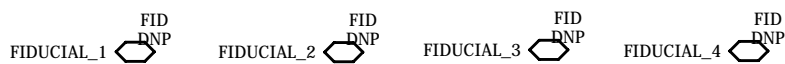
1

REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

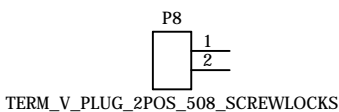
PCB MOUNTING HOLES



PCB 0.1" FIDUCIALS



SCREWLOCK CONNECTOR PLUGS



COMPANY: MATC ELECTRONICS

TITLE: AWS LOGGER

DRAWN:	FAF	DATED:	07/12/21
CHECKED:	-	DATED:	-
QUALITY CONTROL:	-	DATED:	-
RELEASED:	-	DATED:	-

CODE:	SIZE:	DRAWING NO:	REV:
-	D	2-2001	2.1
SCALE: -			SHEET: 10 10