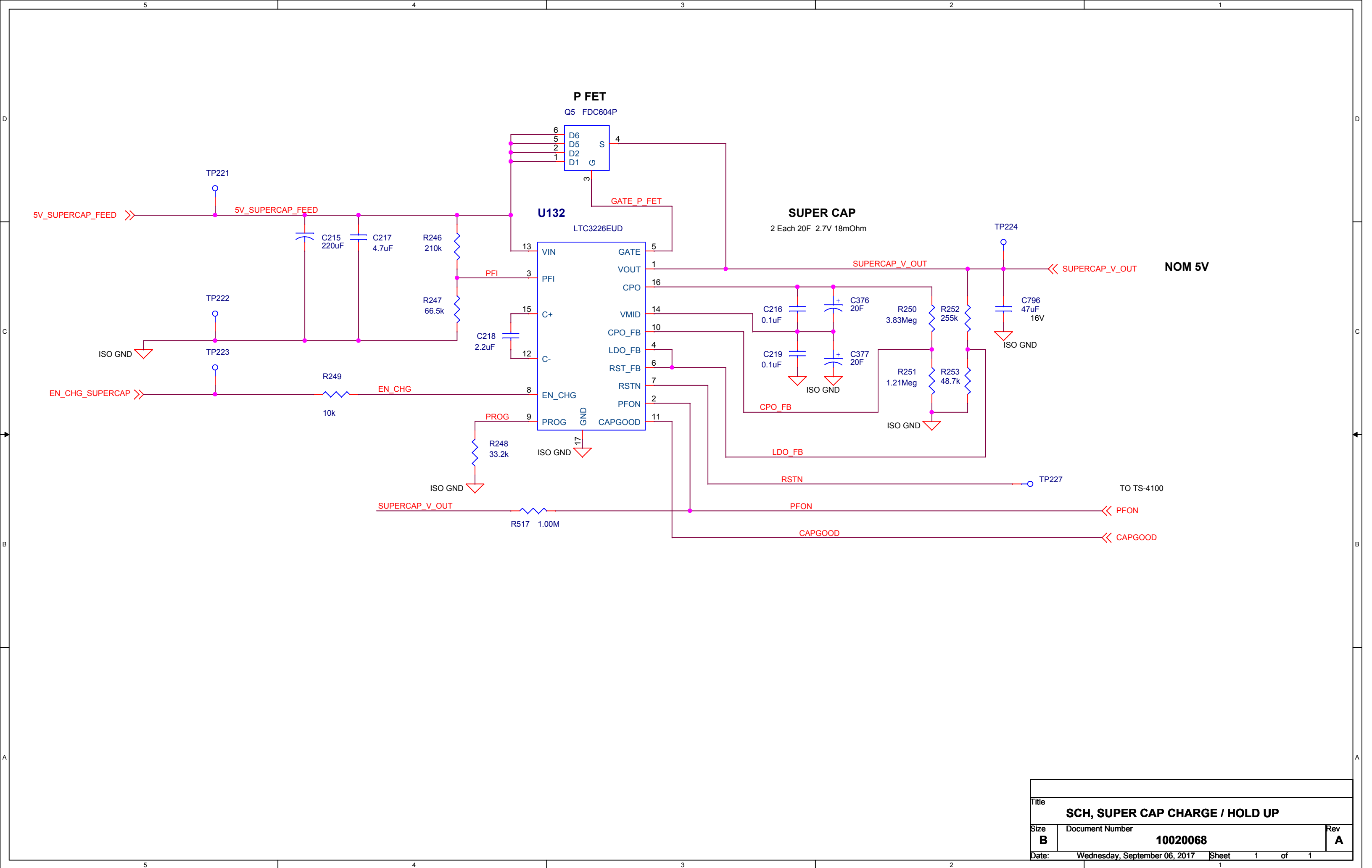
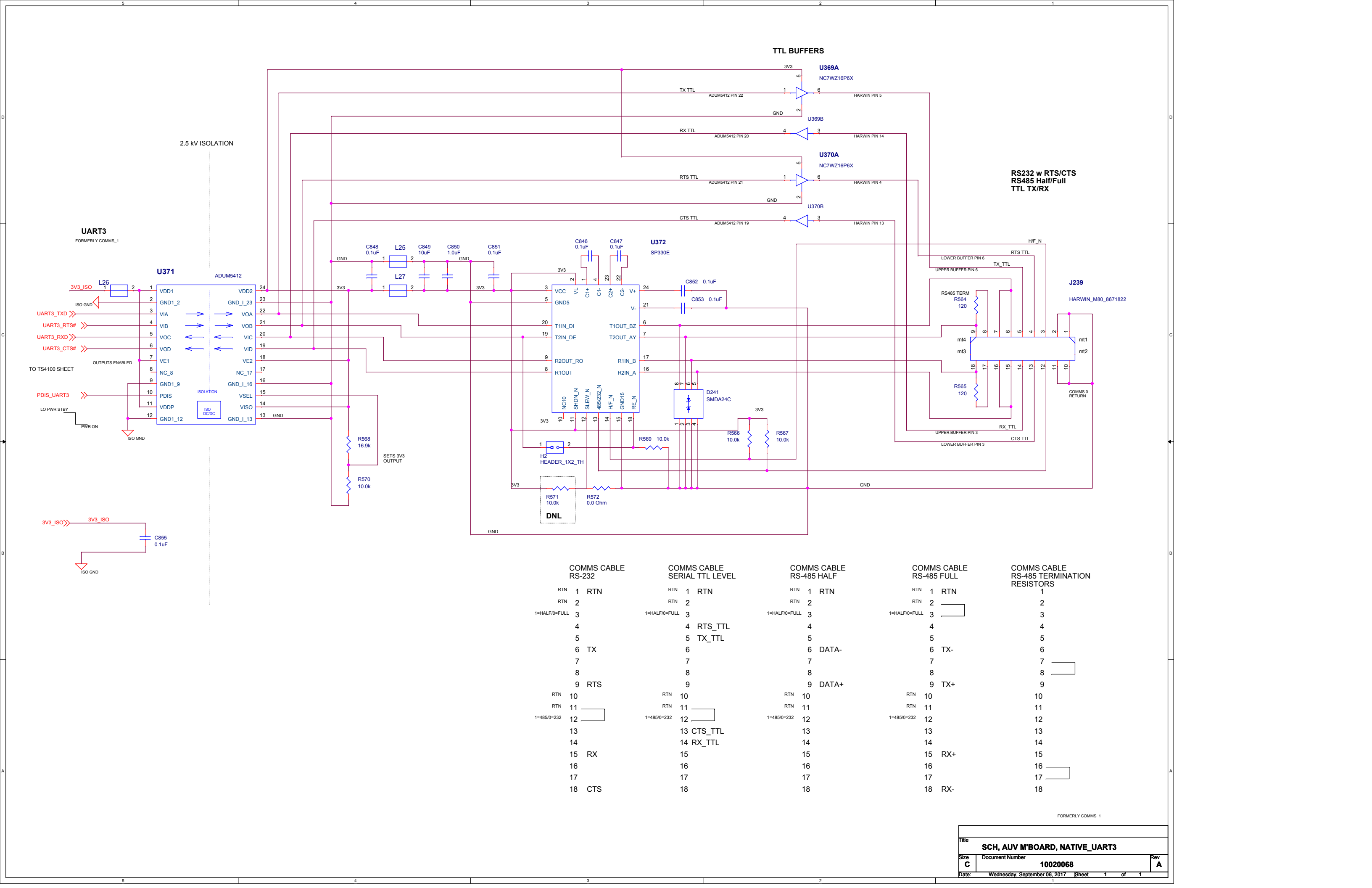
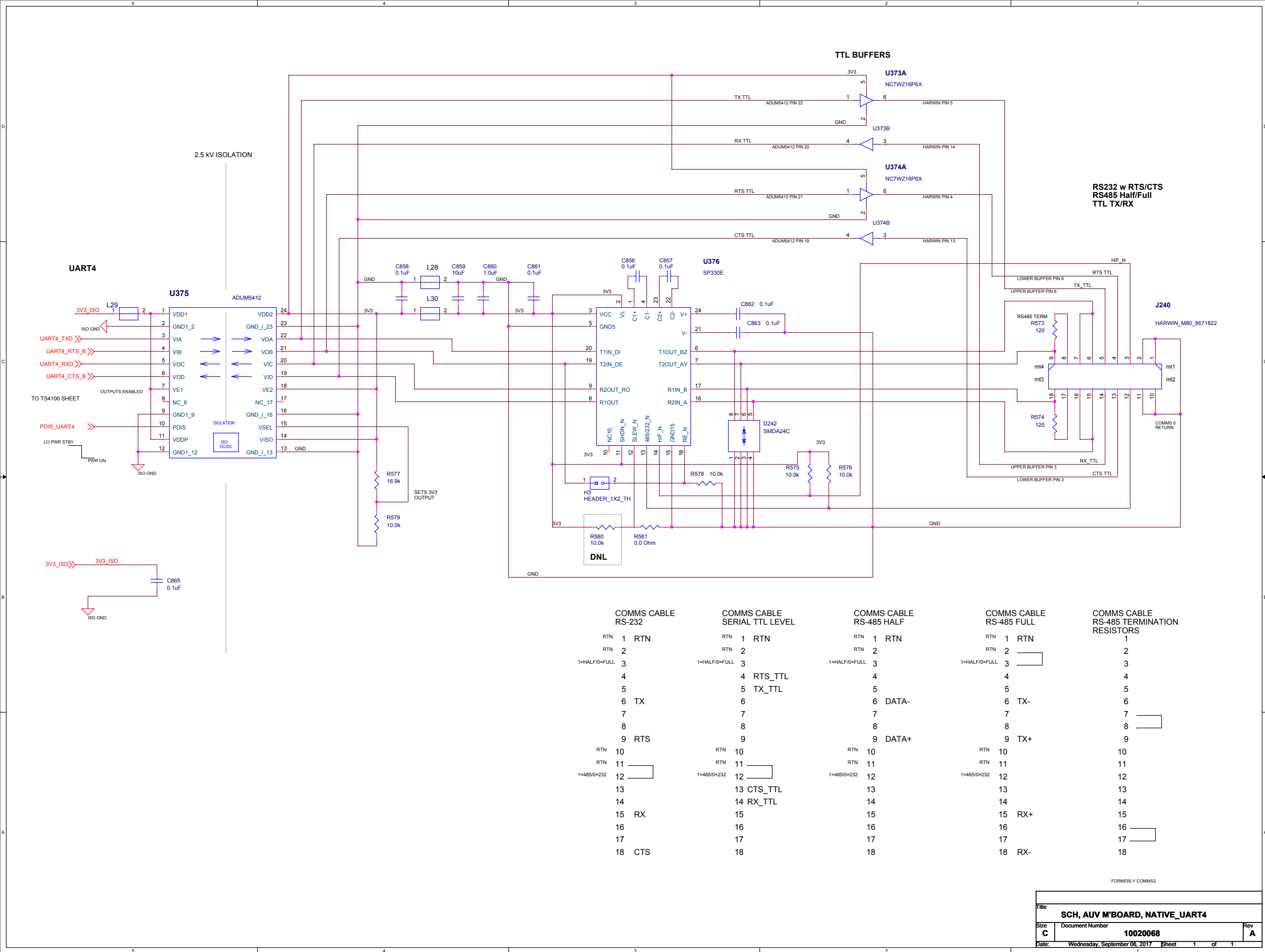
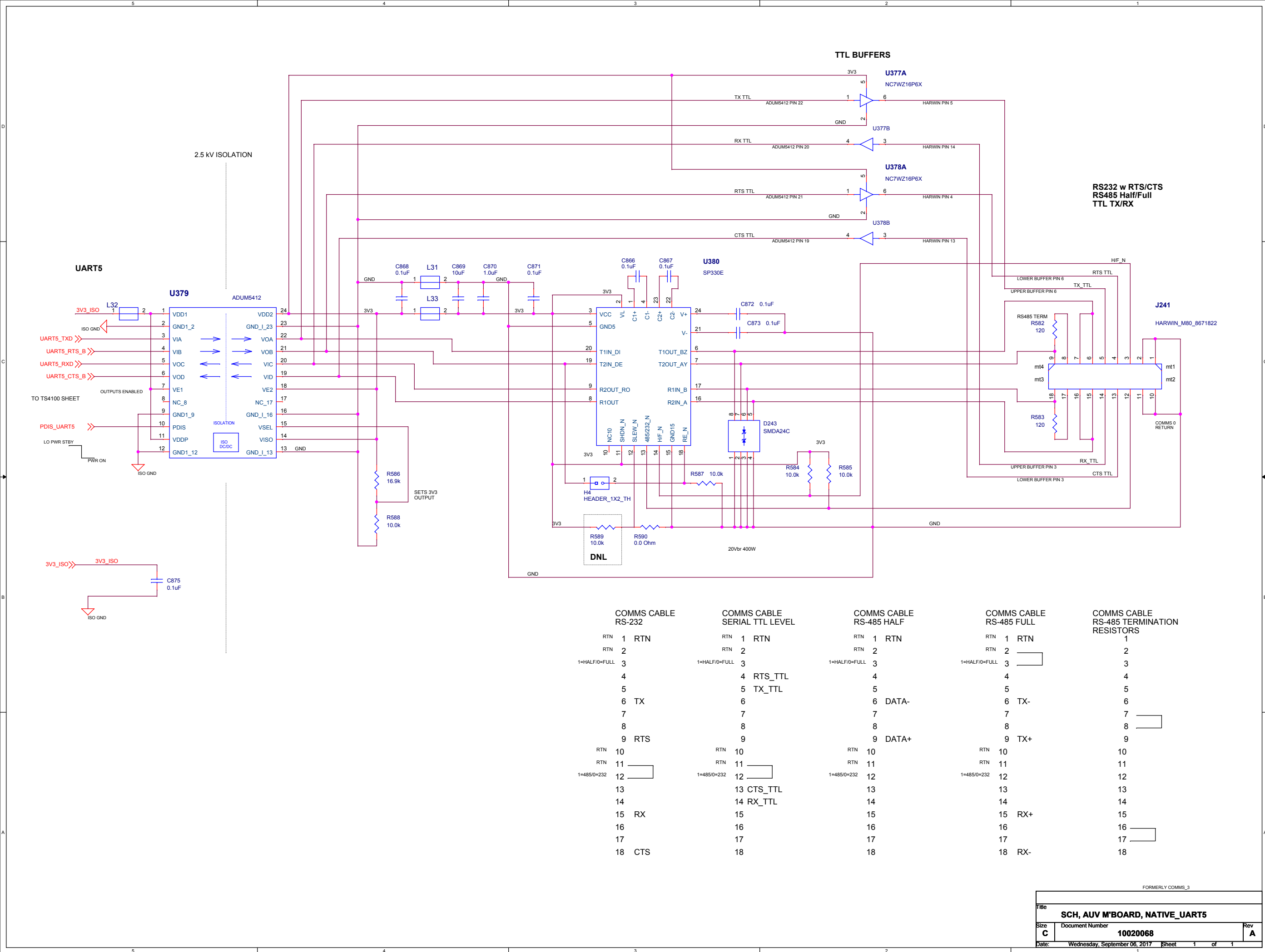


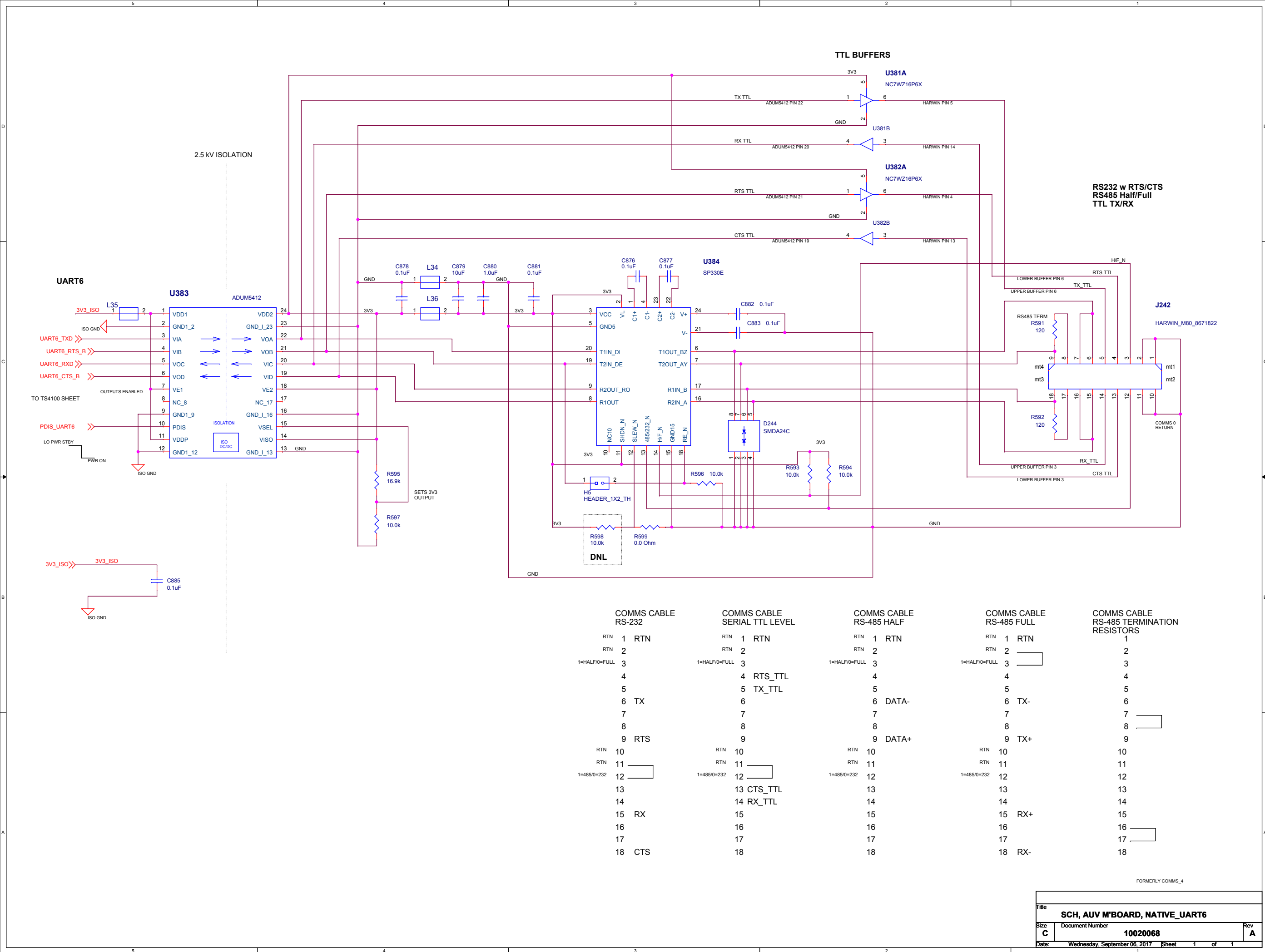


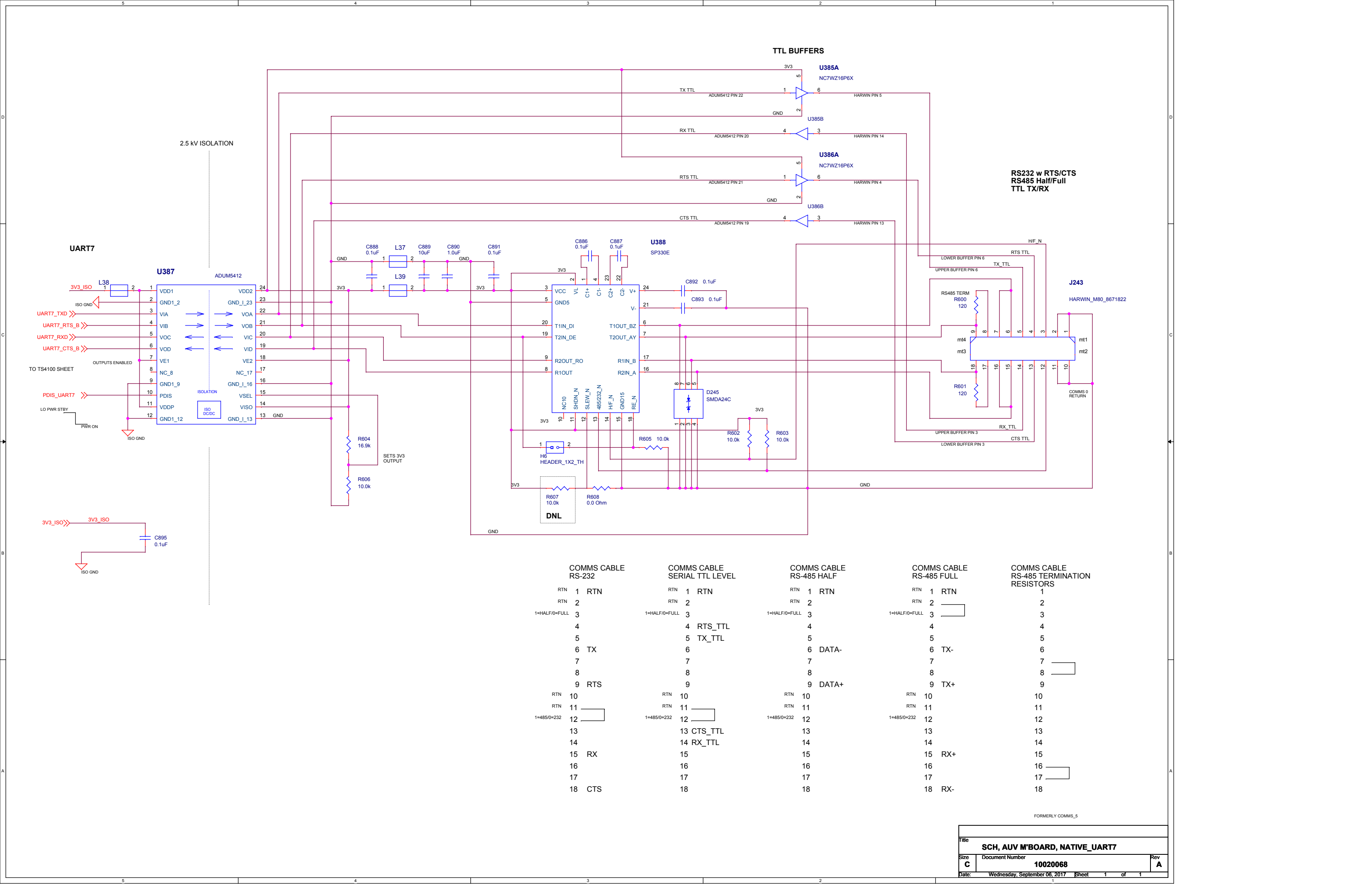
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SCH, SUPER CAP CHARGE / HOLD UP		
Size	Document Number	Rev
B	10020068	A
Date:	Wednesday, September 06, 2017	Sheet 1 of 1











COMMS CABLE RS-232		
RTN	1	RTN
RTN	2	
1=HALF/0=FULL	3	
	4	
	5	
	6	TX
	7	
	8	
	9	RTS
RTN	10	
RTN	11	
1=485/0=232	12	
	13	
	14	
	15	RX
	16	
	17	
	18	CTS

COMMS CABLE SERIAL TTL LEVEL		
RTN	1	RTN
RTN	2	
1=HALF/0=FULL	3	
	4	RTS_TTL
	5	TX_TTL
	6	
	7	
	8	
	9	
RTN	10	
RTN	11	
1=485/0=232	12	
	13	CTS_TTL
	14	RX_TTL
	15	
	16	
	17	
	18	

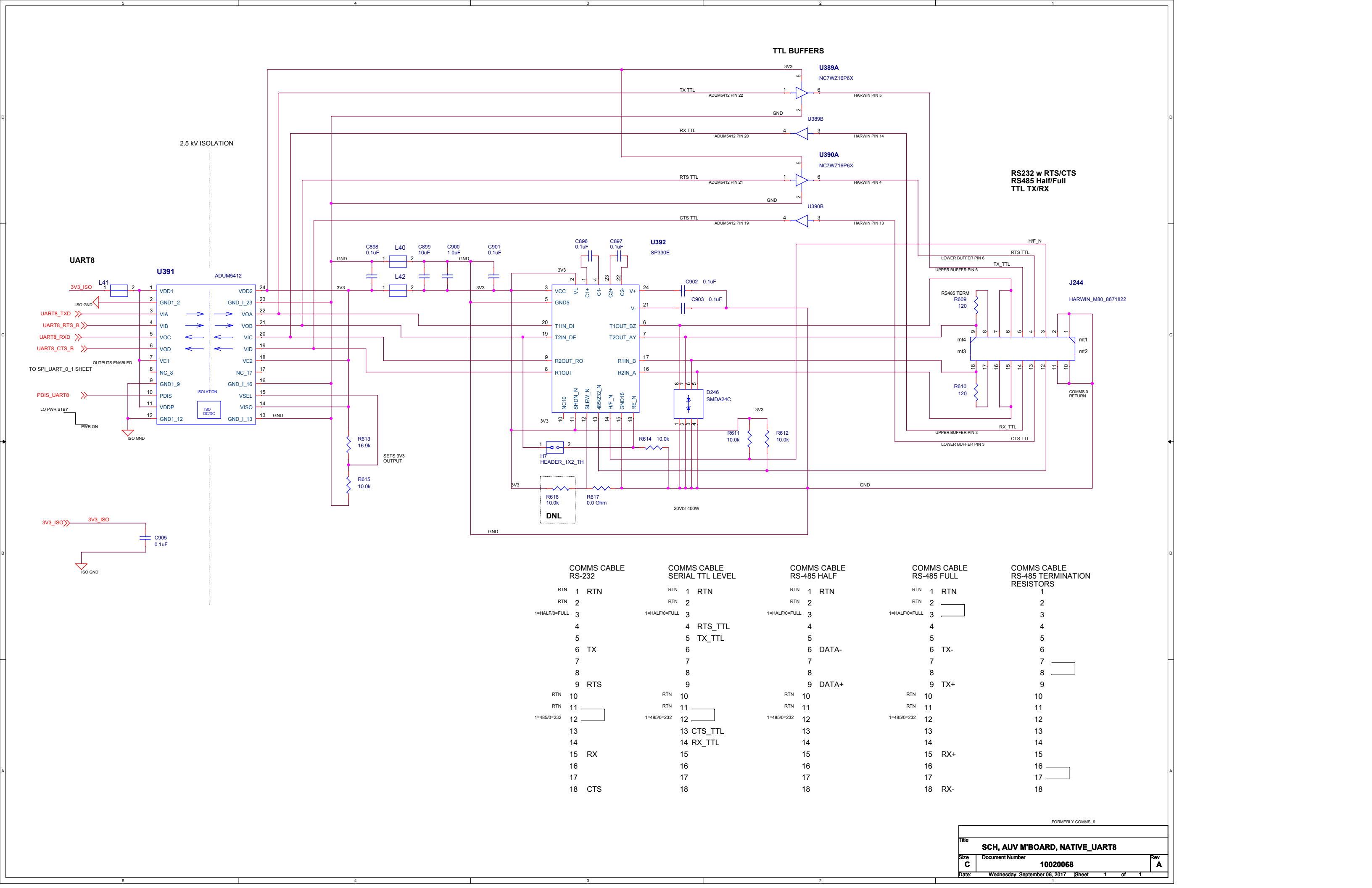
COMMS CABLE RS-485 HALF		
RTN	1	RTN
RTN	2	
1=HALF/0=FULL	3	
	4	
	5	
	6	DATA-
	7	
	8	
	9	DATA+
RTN	10	
RTN	11	
1=485/0=232	12	
	13	
	14	
	15	
	16	
	17	
	18	

COMMS CABLE RS-485 FULL		
RTN	1	RTN
RTN	2	
1=HALF/0=FULL	3	
	4	
	5	
	6	TX-
	7	
	8	
	9	TX+
RTN	10	
RTN	11	
1=485/0=232	12	
	13	
	14	
	15	RX+
	16	
	17	
	18	RX-

COMMS CABLE RS-485 TERMINATION RESISTORS		
	1	
	2	
	3	
	4	
	5	
	6	
	7	
	8	
	9	
	10	
	11	
	12	
	13	
	14	
	15	
	16	
	17	
	18	

FORMERLY COMMS_5

Title		
SCH, AUV M'BOARD, NATIVE_UART7		
Size	Document Number	Rev
C	10020068	A
Date:	Wednesday, September 06, 2017	Sheet 1 of 1



COMMS CABLE RS-232		
RTN	1	RTN
RTN	2	
1=HALF/0=FULL	3	
	4	
	5	
	6	TX
	7	
	8	
	9	RTS
RTN	10	
RTN	11	
1=485/0=232	12	
	13	
	14	
	15	RX
	16	
	17	
	18	CTS

COMMS CABLE SERIAL TTL LEVEL		
RTN	1	RTN
RTN	2	
1=HALF/0=FULL	3	
	4	RTS_TTL
	5	TX_TTL
	6	
	7	
	8	
	9	
RTN	10	
RTN	11	
1=485/0=232	12	
	13	CTS_TTL
	14	RX_TTL
	15	
	16	
	17	
	18	

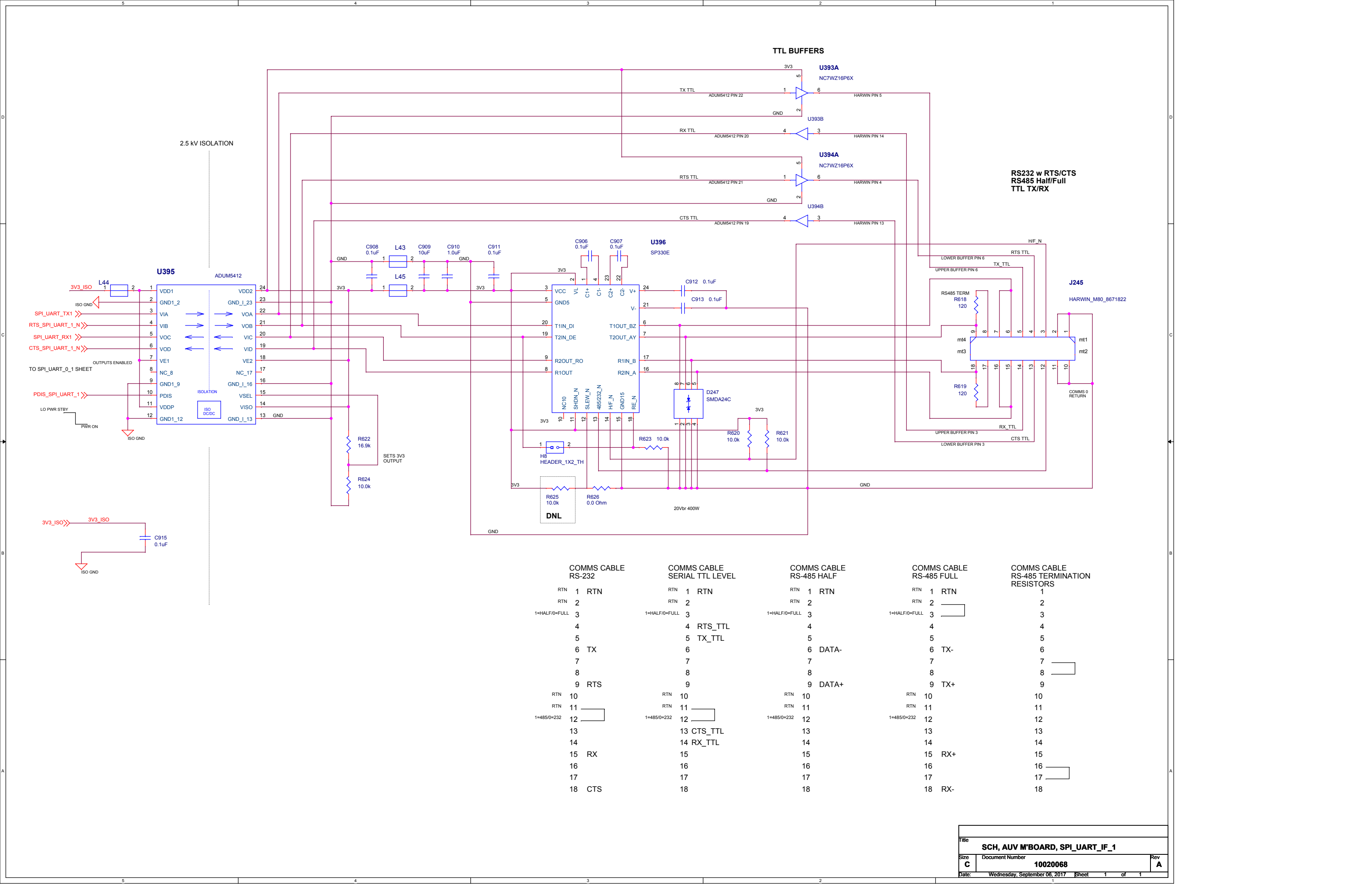
COMMS CABLE RS-485 HALF		
RTN	1	RTN
RTN	2	
1=HALF/0=FULL	3	
	4	
	5	
	6	DATA-
	7	
	8	
	9	DATA+
RTN	10	
RTN	11	
1=485/0=232	12	
	13	
	14	
	15	
	16	
	17	
	18	

COMMS CABLE RS-485 FULL		
RTN	1	RTN
RTN	2	
1=HALF/0=FULL	3	
	4	
	5	
	6	TX-
	7	
	8	
	9	TX+
RTN	10	
RTN	11	
1=485/0=232	12	
	13	
	14	
	15	RX+
	16	
	17	
	18	RX-

COMMS CABLE RS-485 TERMINATION RESISTORS		
	1	
	2	
	3	
	4	
	5	
	6	
	7	
	8	
	9	
	10	
	11	
	12	
	13	
	14	
	15	
	16	
	17	
	18	

FORMERLY COMMS_6

Title		
SCH, AUV M'BOARD, NATIVE_UART8		
Size	Document Number	Rev
C	10020068	A
Date:	Wednesday, September 06, 2017	Sheet 1 of 1



RS232 w RTS/CTS
RS485 Half/Full
TTL TX/RX

TTL BUFFERS

U393A
NC7WZ16P6X

U393B

U394A
NC7WZ16P6X

U394B

U396
SP330E

J245

HARWIN_M80_8671822

COMMS CABLE
RS-232

RTN	1	RTN
RTN	2	
1=HALF/0=FULL	3	
	4	
	5	
	6	TX
	7	
	8	
	9	RTS
RTN	10	
RTN	11	
1=485/0=232	12	
	13	
	14	
	15	RX
	16	
	17	
	18	CTS

COMMS CABLE
SERIAL TTL LEVEL

RTN	1	RTN
RTN	2	
1=HALF/0=FULL	3	
	4	RTS_TTL
	5	TX_TTL
	6	
	7	
	8	
	9	
RTN	10	
RTN	11	
1=485/0=232	12	
	13	CTS_TTL
	14	RX_TTL
	15	
	16	
	17	
	18	

COMMS CABLE
RS-485 HALF

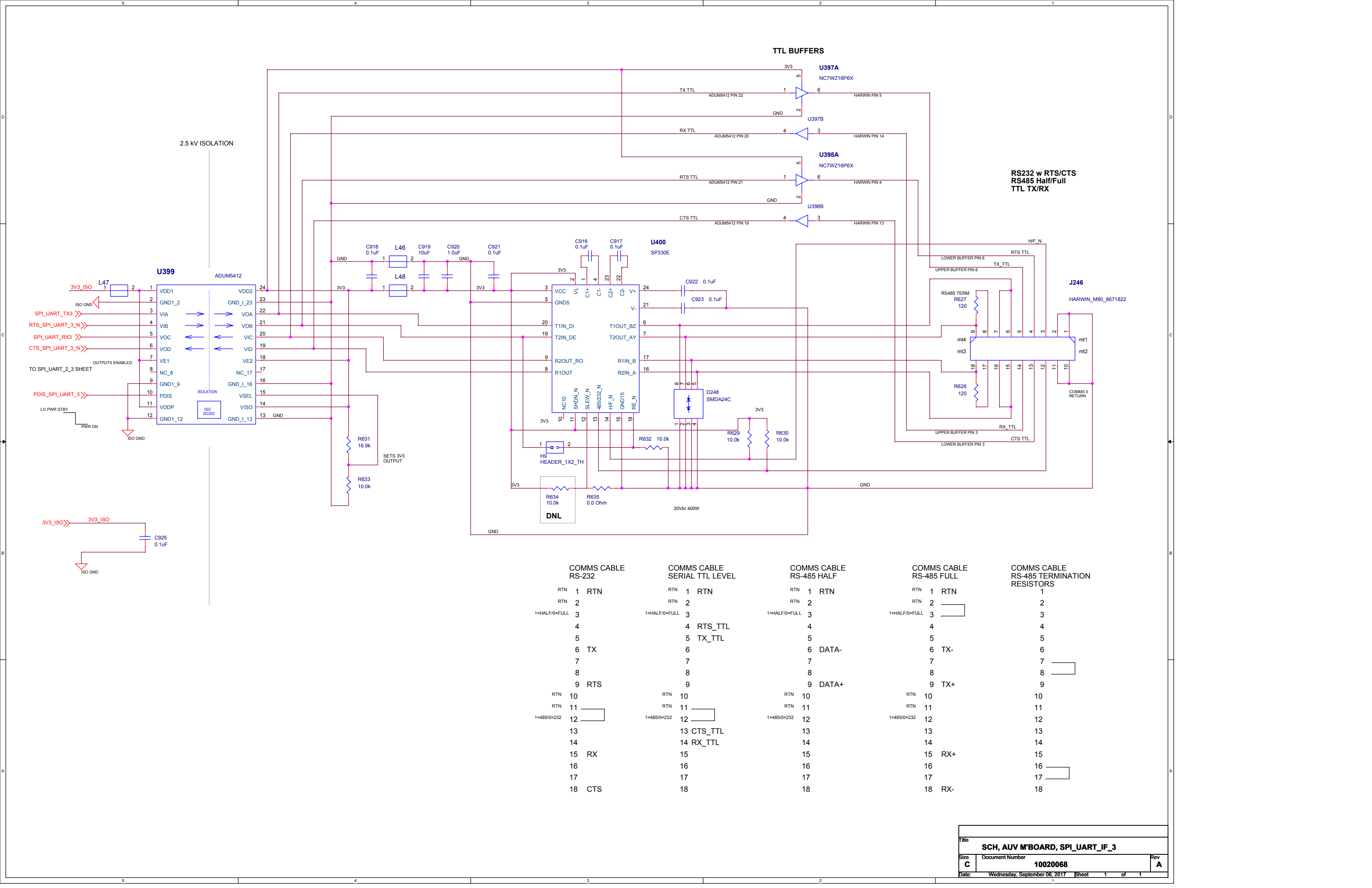
RTN	1	RTN
RTN	2	
1=HALF/0=FULL	3	
	4	
	5	
	6	DATA-
	7	
	8	
	9	DATA+
RTN	10	
RTN	11	
1=485/0=232	12	
	13	
	14	
	15	
	16	
	17	
	18	

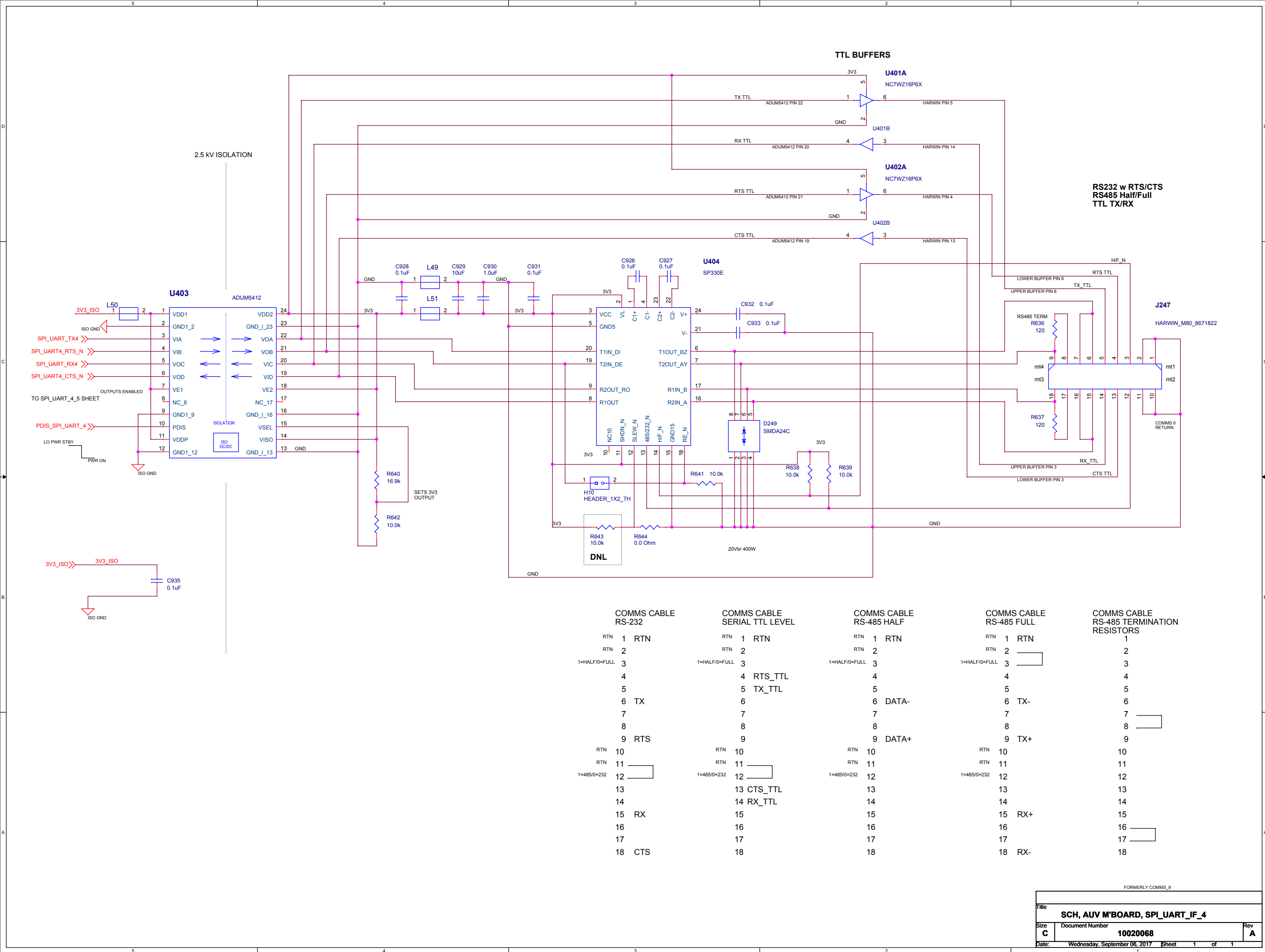
COMMS CABLE
RS-485 FULL

RTN	1	RTN
RTN	2	
1=HALF/0=FULL	3	
	4	
	5	
	6	TX-
	7	
	8	
	9	TX+
RTN	10	
RTN	11	
1=485/0=232	12	
	13	
	14	
	15	RX+
	16	
	17	
	18	RX-

COMMS CABLE
RS-485 TERMINATION
RESISTORS

1	
2	
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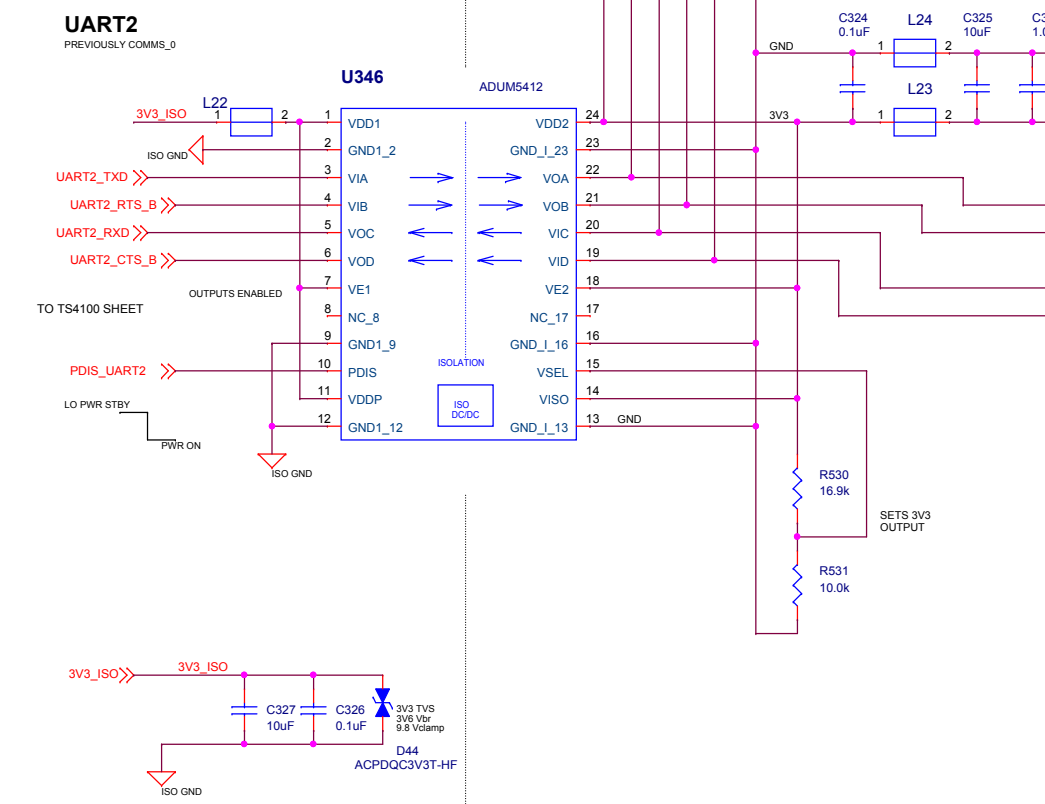


UART2
PREVIOUSLY COMMS_0

2.5 kV ISOLATION

U346

ADUM5412



TTL BUFFERS

U233A
NC7WZ16P6X

U233B

U351A
NC7WZ16P6X

U351B

RS232 w RTS/CTS
RS485 Half/Full
TTL TX/RX

J234

HARWIN_M80_8671822

COMMS CABLE
RS-232

RTN	1	RTN
RTN	2	
1=HALF/0=FULL	3	
	4	
	5	
	6	TX
	7	
	8	
	9	RTS
RTN	10	
RTN	11	
1=485/0=232	12	
	13	
	14	
	15	RX
	16	
	17	
	18	CTS

COMMS CABLE
SERIAL TTL LEVEL

RTN	1	RTN
RTN	2	
1=HALF/0=FULL	3	
	4	RTS_TTL
	5	TX_TTL
	6	
	7	
	8	
	9	
RTN	10	
RTN	11	
1=485/0=232	12	
	13	CTS_TTL
	14	RX_TTL
	15	
	16	
	17	
	18	

COMMS CABLE
RS-485 HALF

RTN	1	RTN
RTN	2	
1=HALF/0=FULL	3	
	4	
	5	
	6	DATA-
	7	
	8	
	9	DATA+
RTN	10	
RTN	11	
1=485/0=232	12	
	13	
	14	
	15	
	16	
	17	
	18	

COMMS CABLE
RS-485 FULL

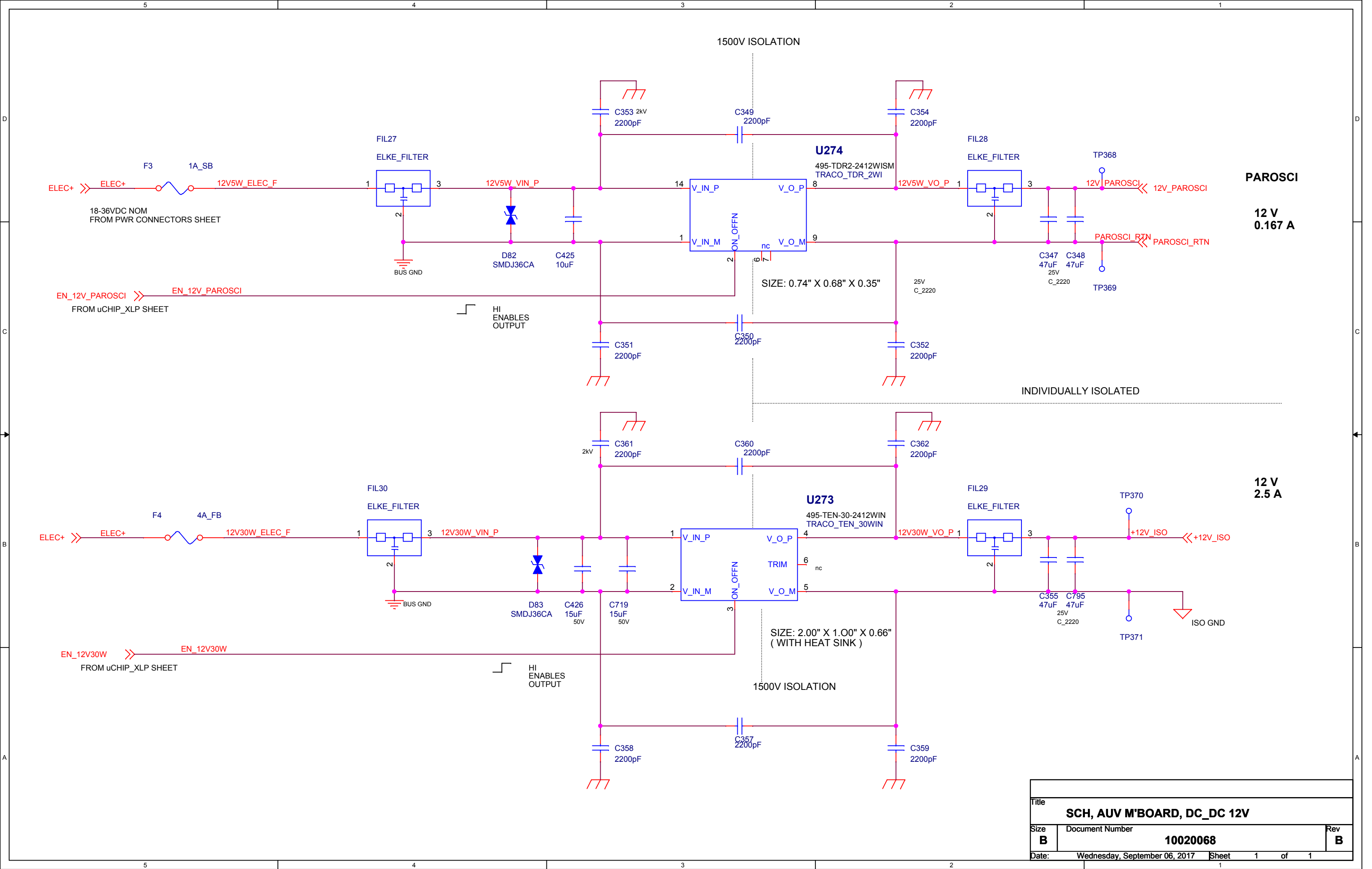
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RTN	2	
1=HALF/0=FULL	3	
	4	
	5	
	6	TX-
	7	
	8	
	9	TX+
RTN	10	
RTN	11	
1=485/0=232	12	
	13	
	14	
	15	RX+
	16	
	17	
	18	RX-

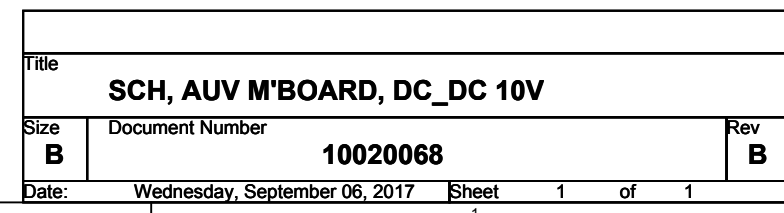
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RS-485 TERMINATION
RESISTORS

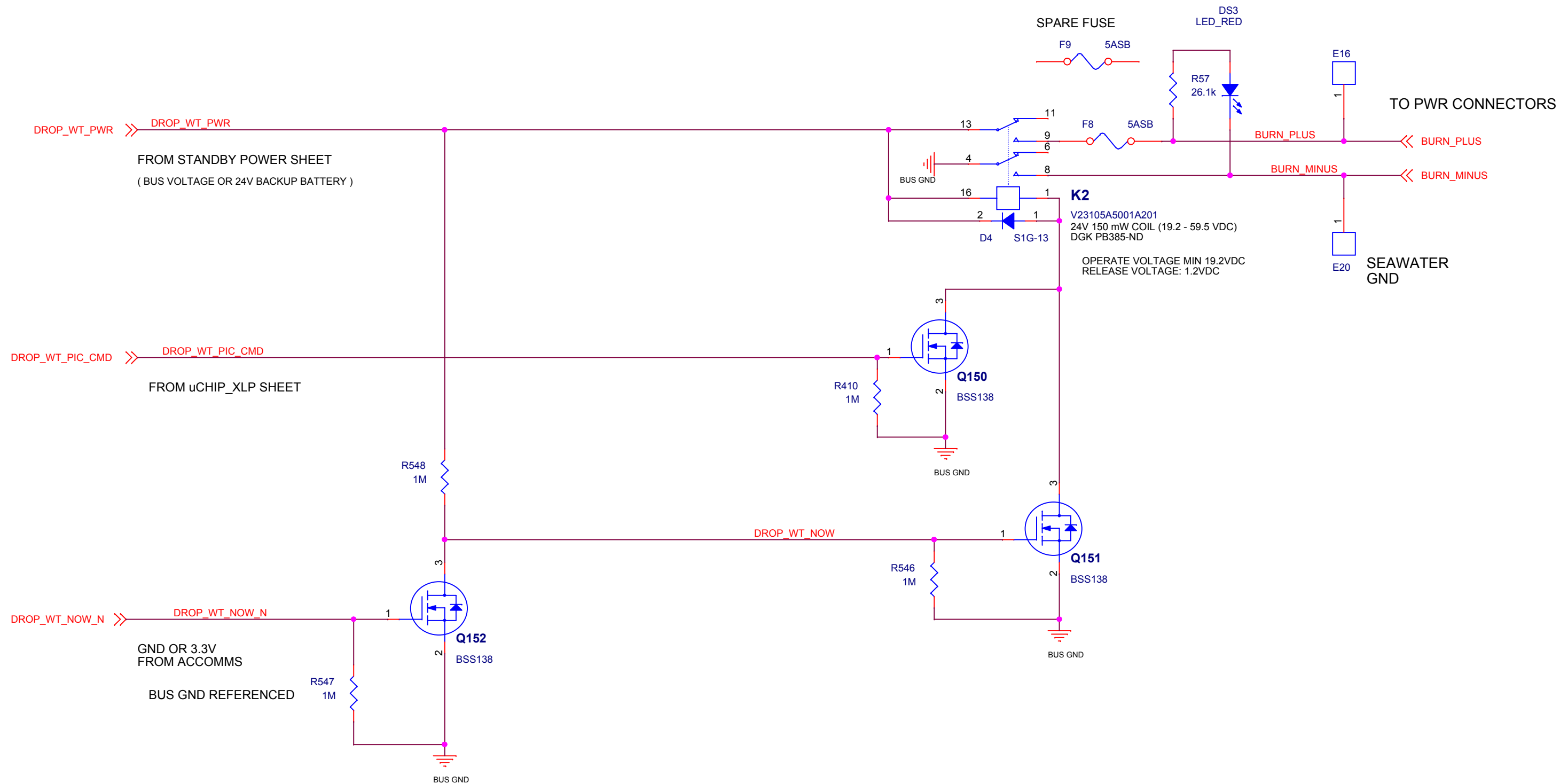
	1	
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	17	
	18	

PREVIOUSLY COMMS_0

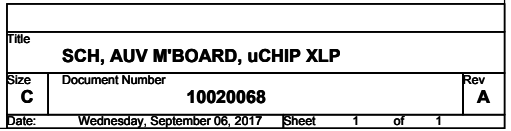
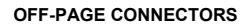
Title		
SCH, AUV M'BOARD, NATIVE_UART2		
Size	Document Number	Rev
C	10020068	A
Date:	Wednesday, September 06, 2017 Sheet 1 of 1	

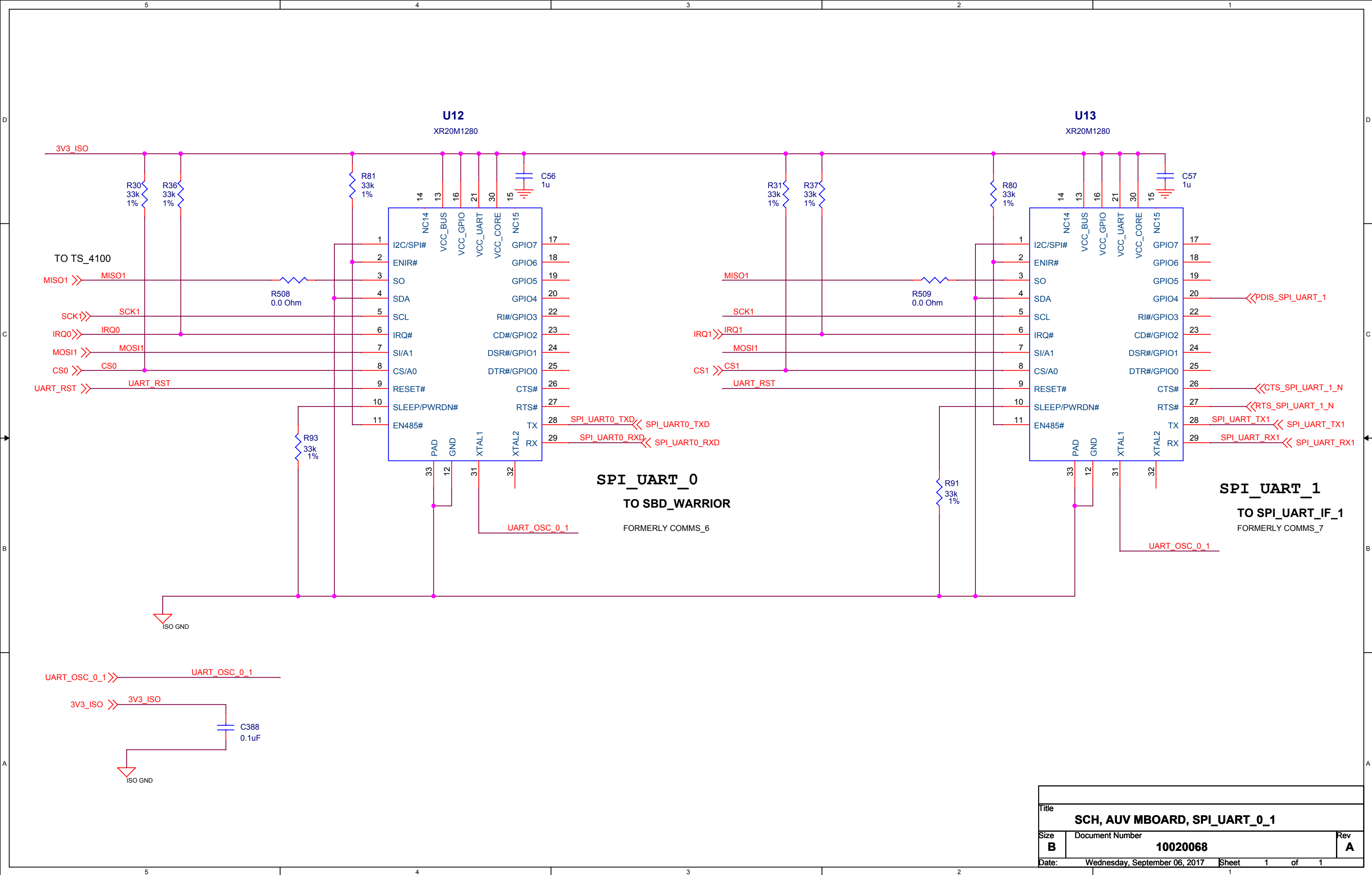


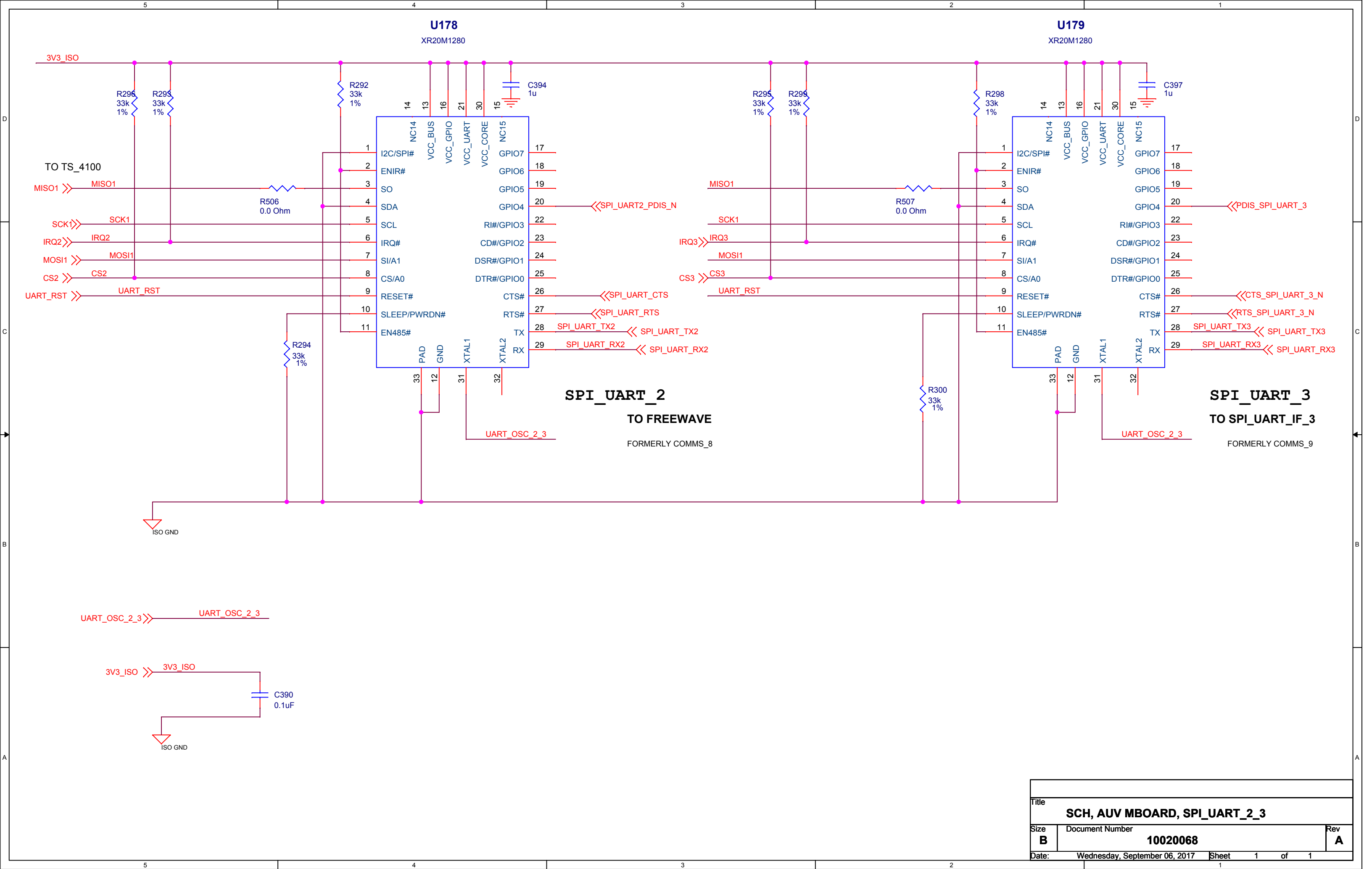


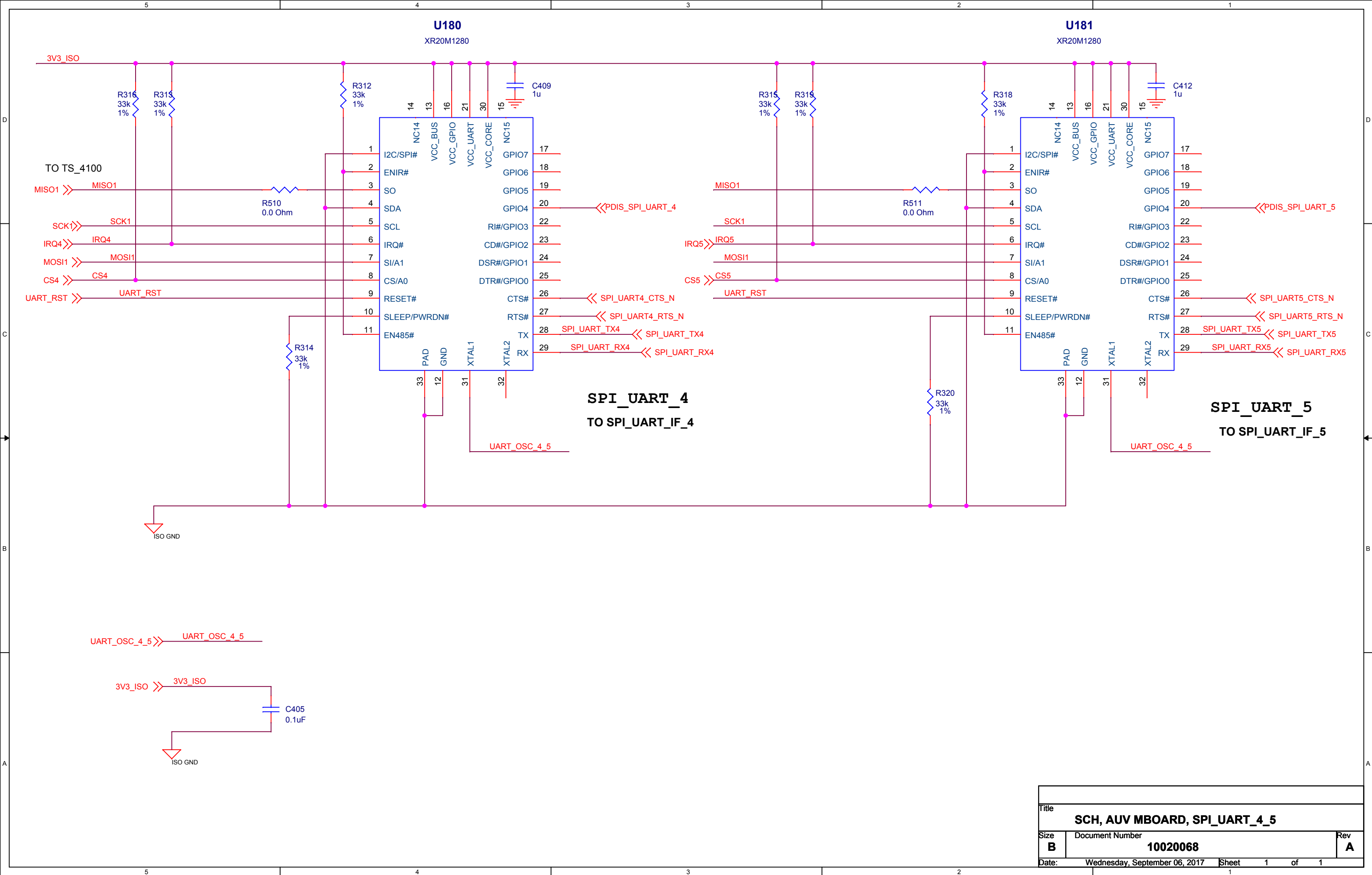


Title		
SCH, AUV M'BOARD, DROP WEIGHT		
Size	Document Number	Rev
B	10020068	A
Date:	Wednesday, September 06, 2017	Sheet 1 of 1









5

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3

2

1

D

D

C

C

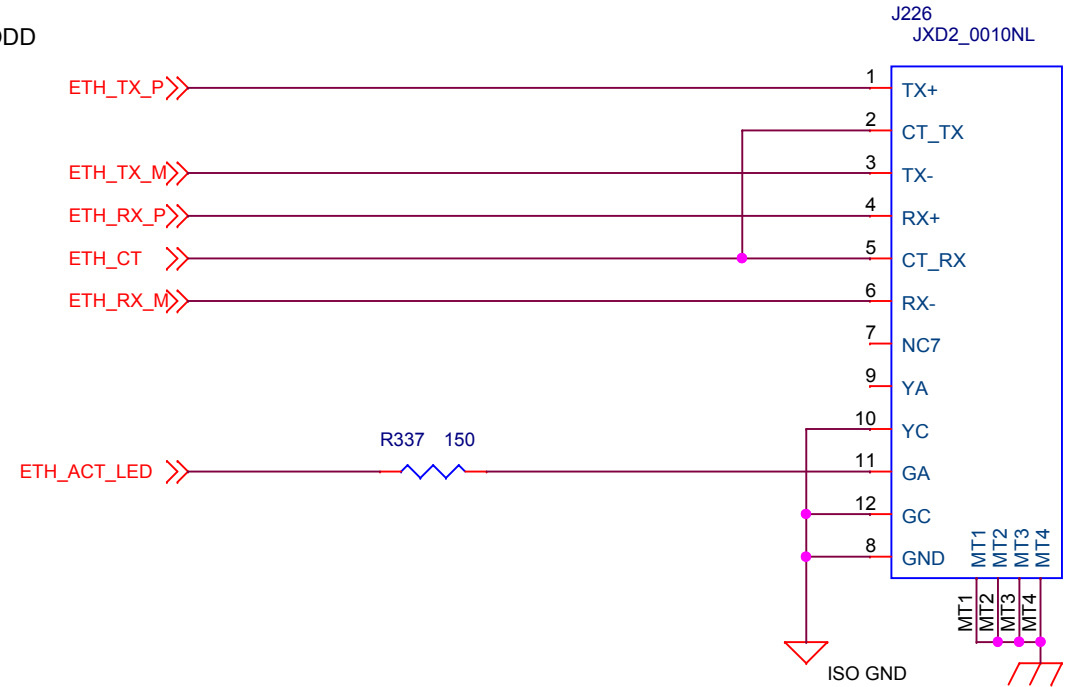
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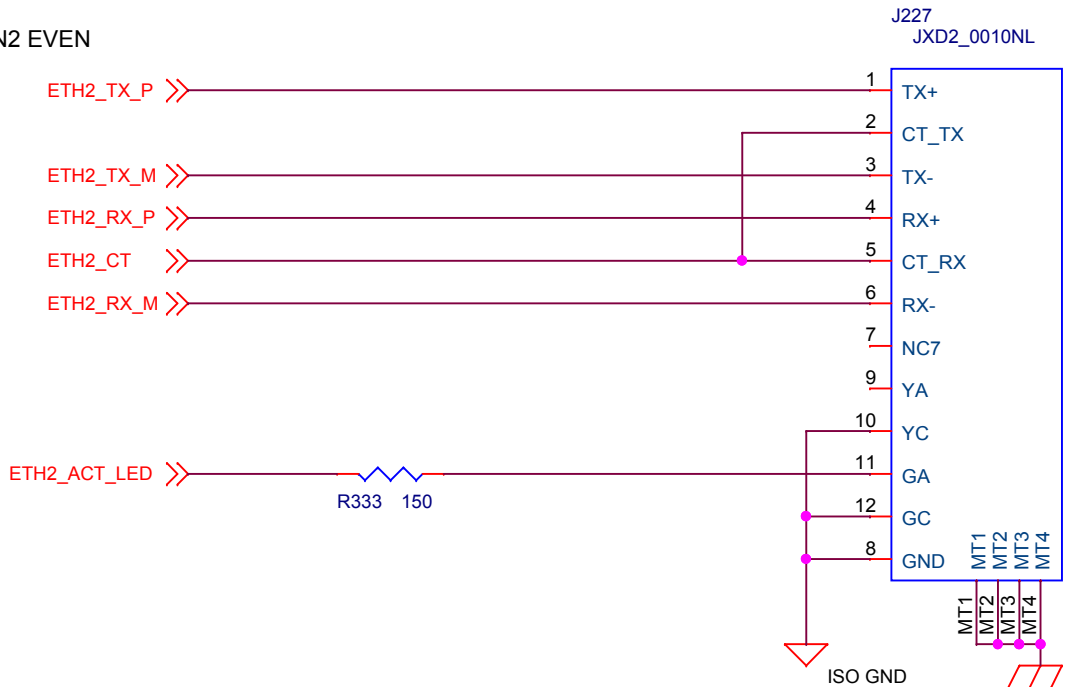
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A

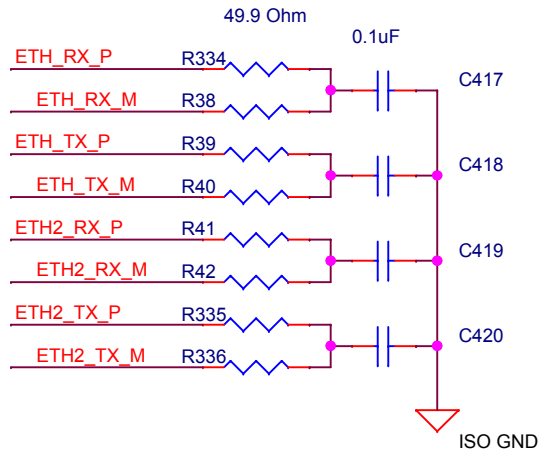
TO TS4100 CN2 ODD



TO TS4100 CN2 EVEN



Ethernet Ports
AC signal termination



Title		
SCH, AUV M'BOARD, ETHERNET		
Size	Document Number	Rev
B	10020068	A
Date:	Wednesday, September 06, 2017	Sheet 1 of 1

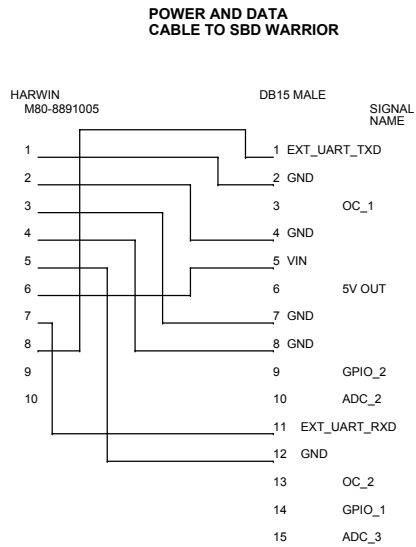
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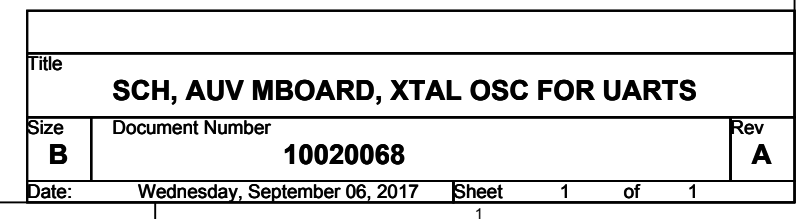
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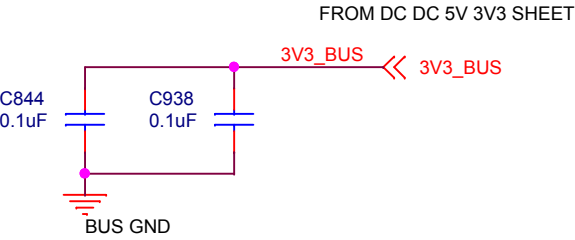
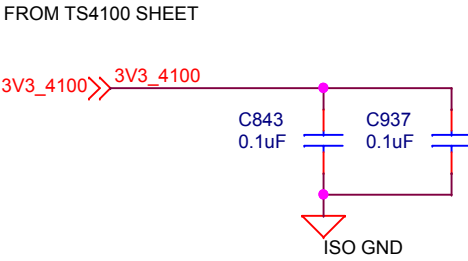
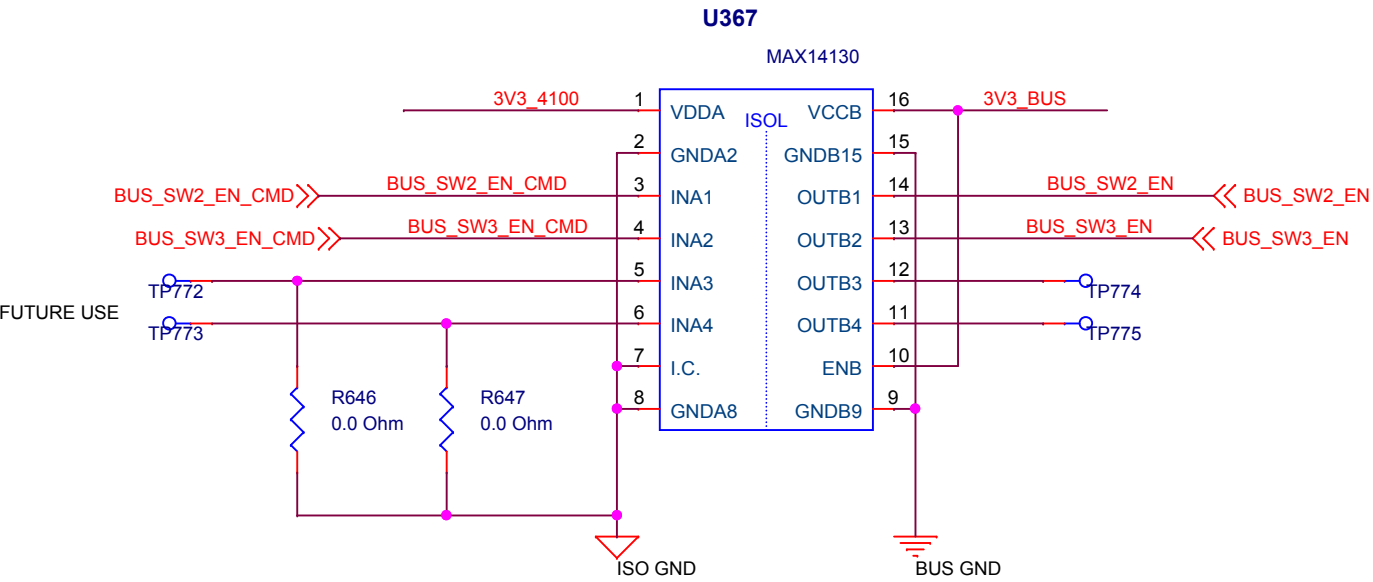
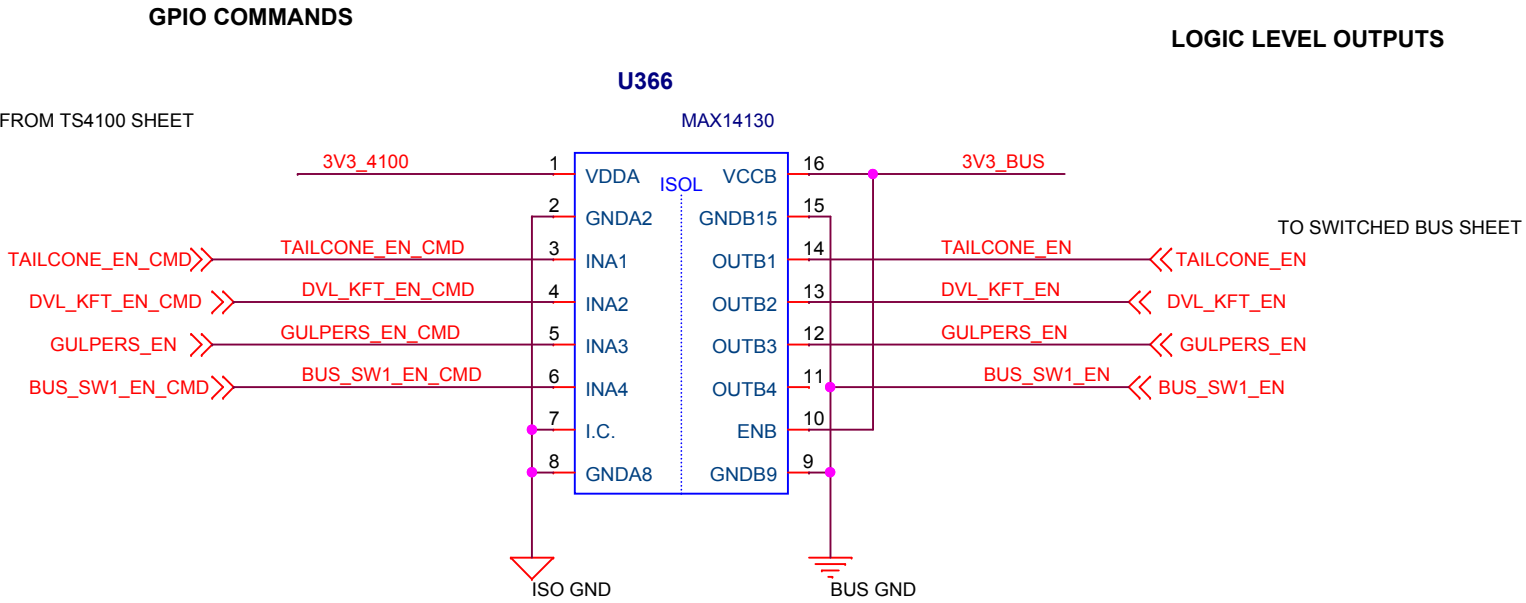
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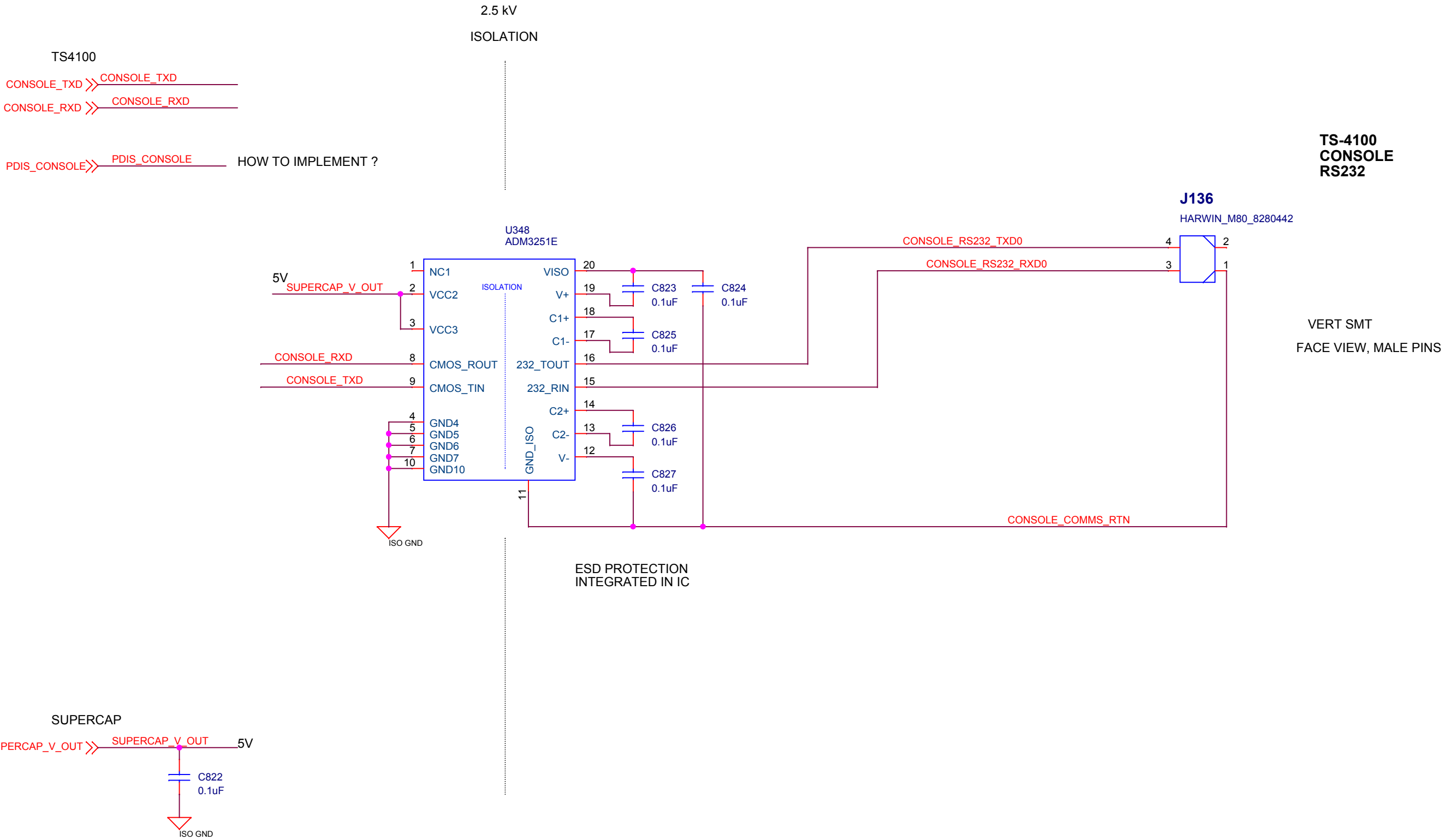


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Size	Document Number			Rev
C	10020068			A
Date:	Wednesday, September 06, 2017	Sheet	1 of 1	

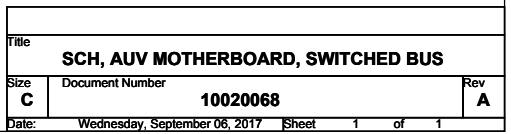
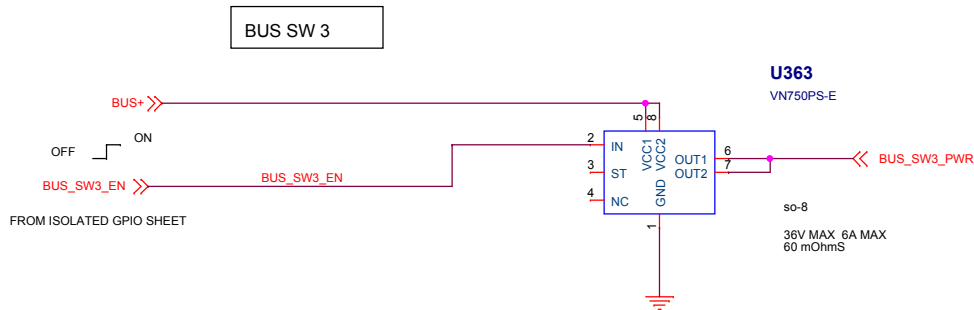
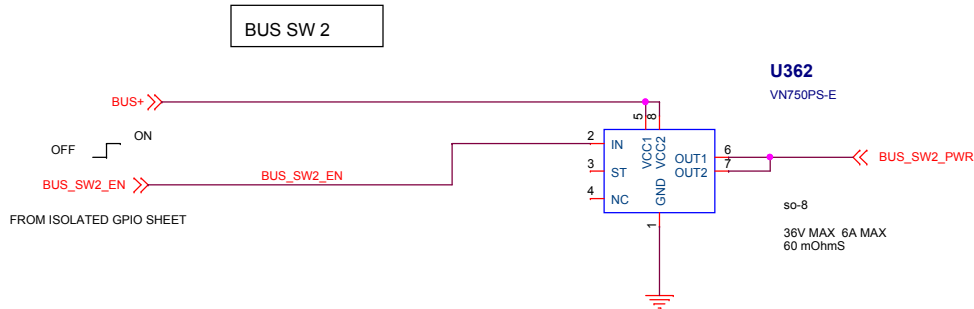
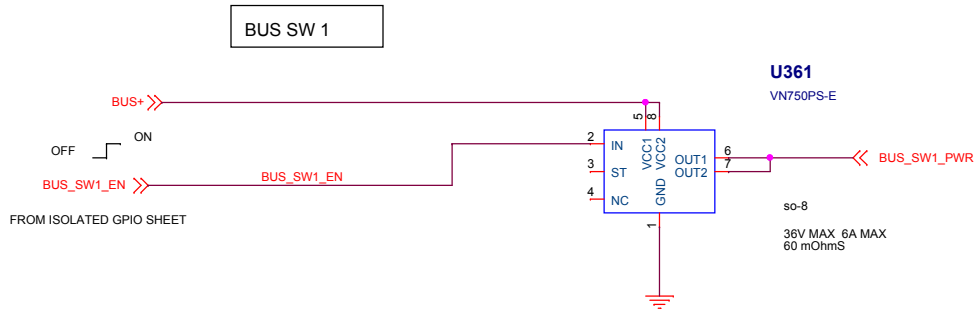




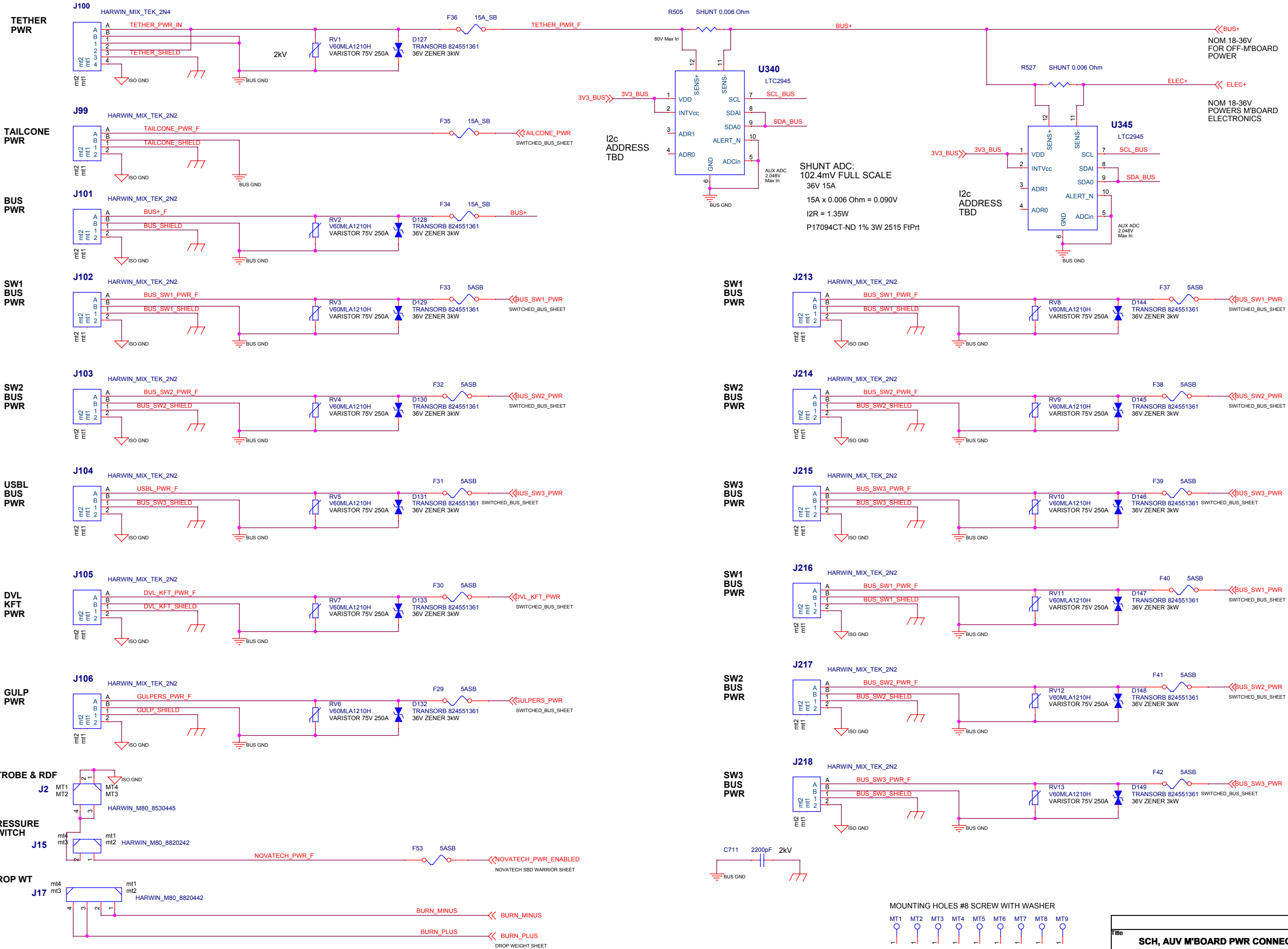
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Size	Document Number	Rev
B	10020068	A
Date:	Wednesday, September 06, 2017	Sheet 1 of 1



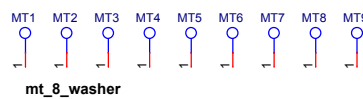
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SCH, AUV MBOARD, CONSOLE RS232		
Size	Document Number	Rev
B	10020068	A
Date:	Wednesday, September 06, 2017	Sheet 1 of 1



BUS POWER



MOUNTING HOLES #8 SCREW WITH WASHER



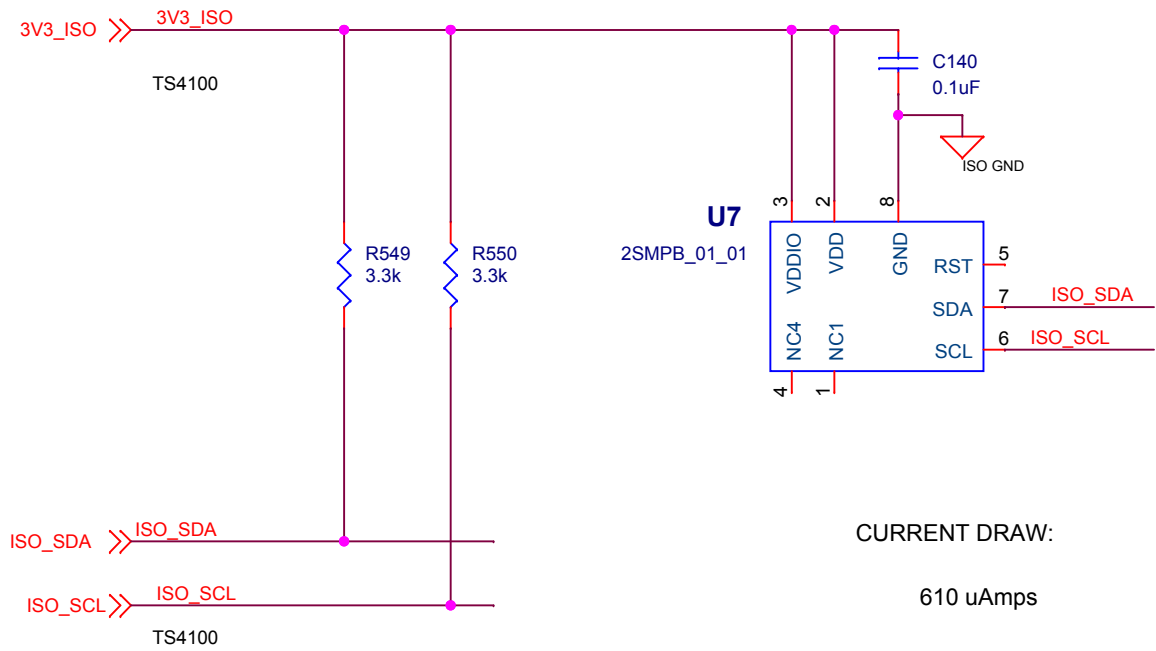
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Size	Document Number	Rev
C	10020068	A
Date: Wednesday, September 06, 2017 Sheet 1 of 1		

PRESSURE

ADDR: 0X04

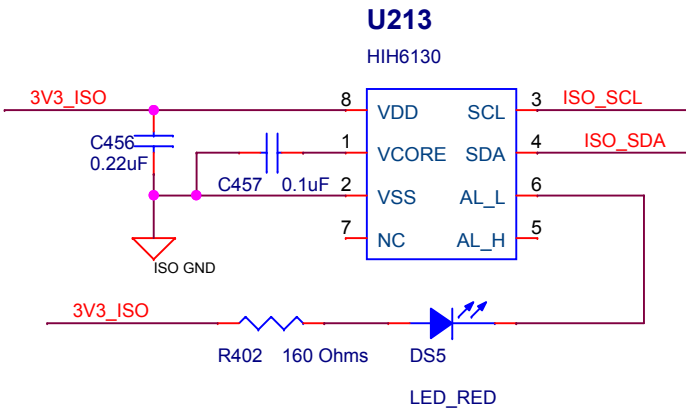
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ADDR: 0X27



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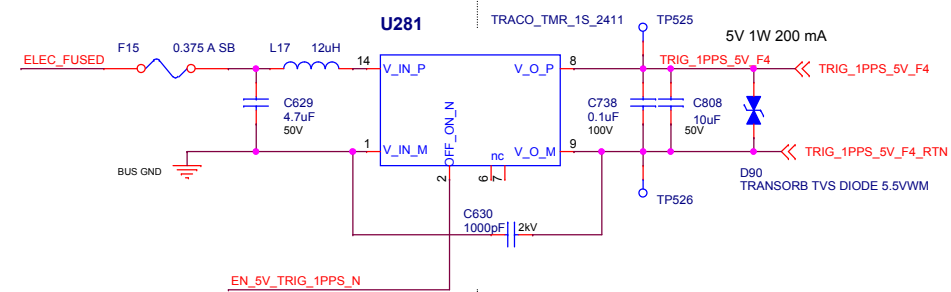
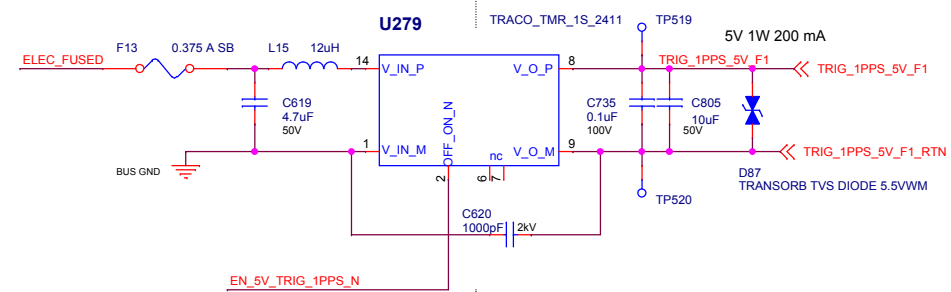
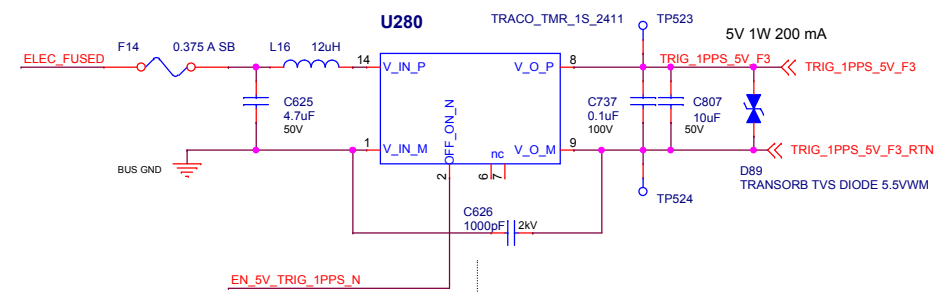
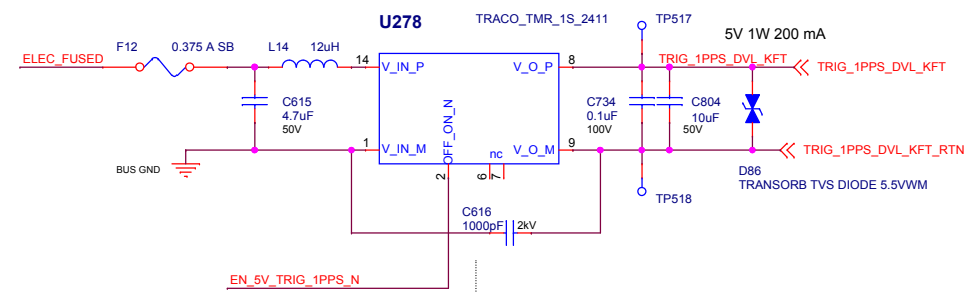
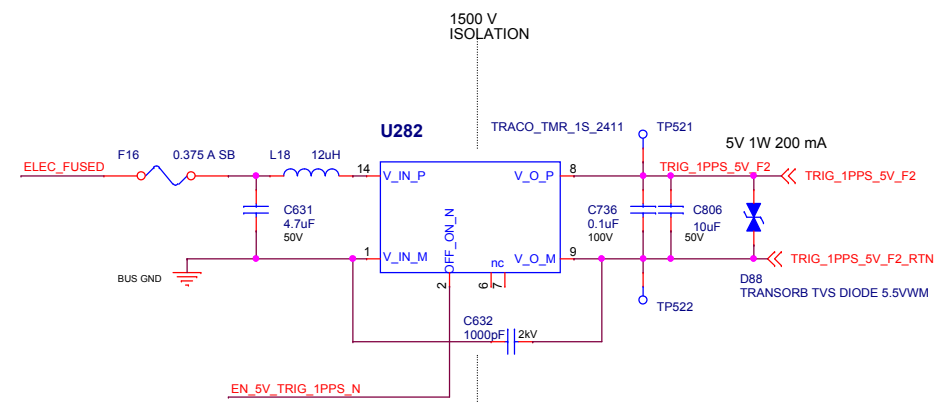
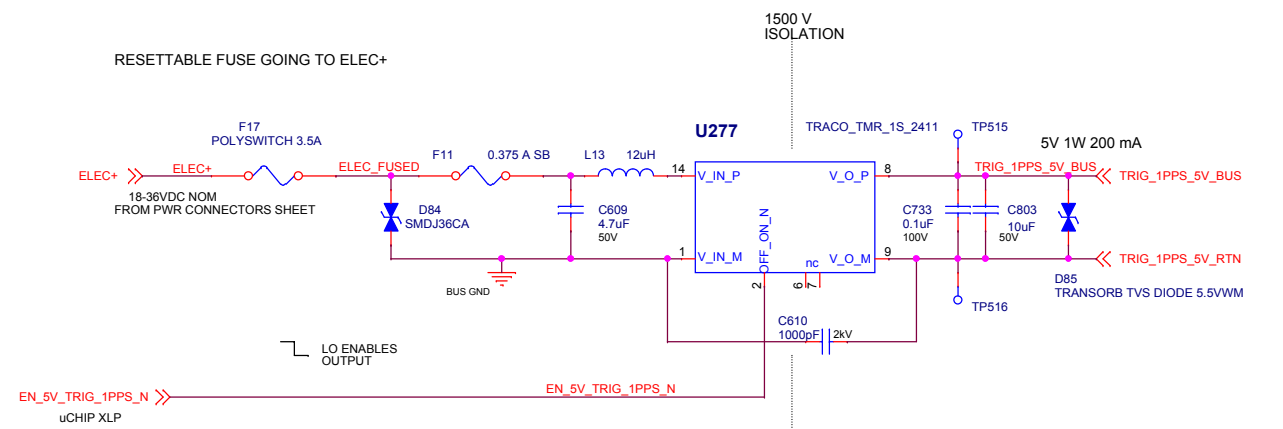
610 uAmps



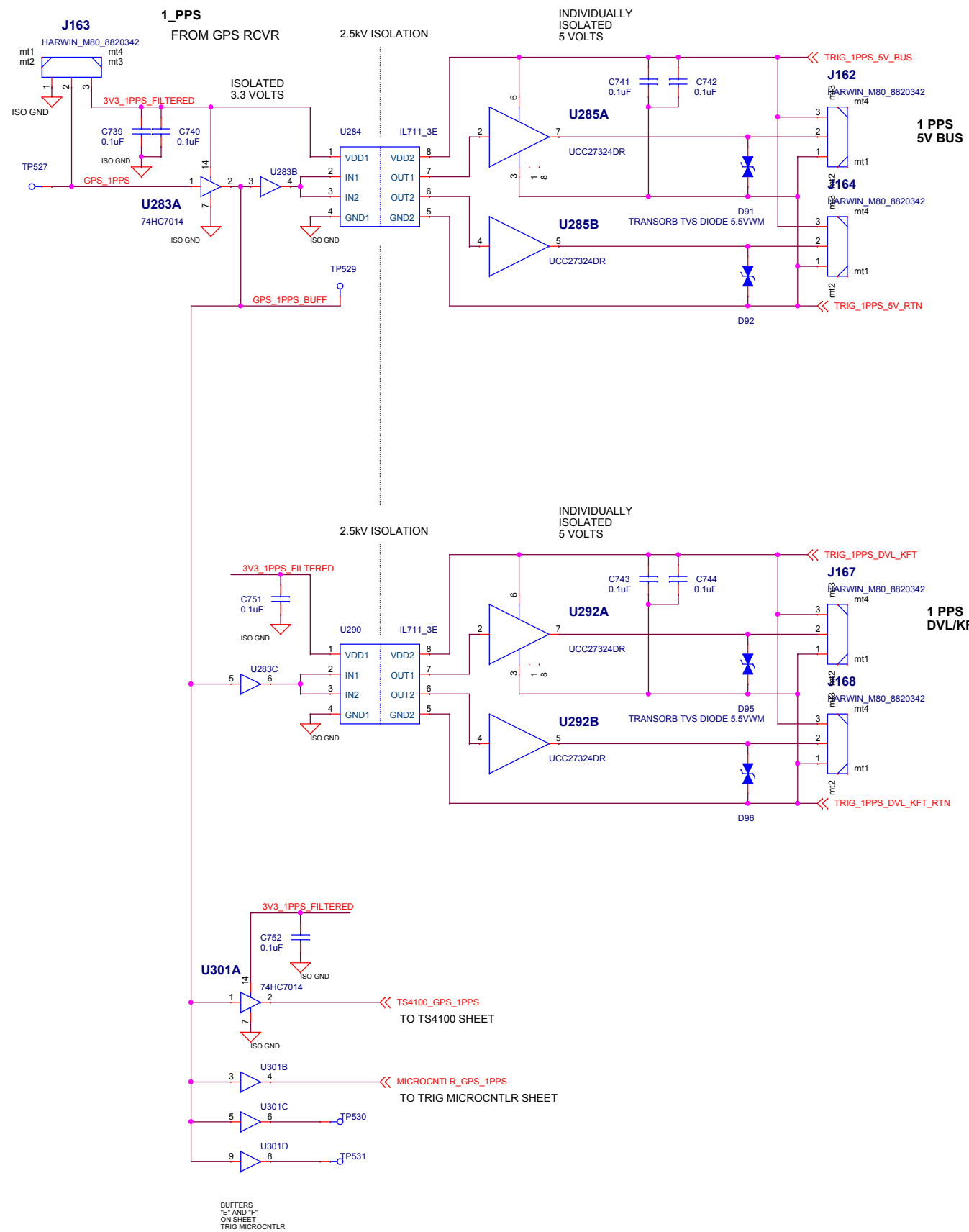
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1 mAmp

Title			
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Size	Document Number		Rev
B	10020068		A
Date:	Wednesday, September 06, 2017	Sheet	1 of 1

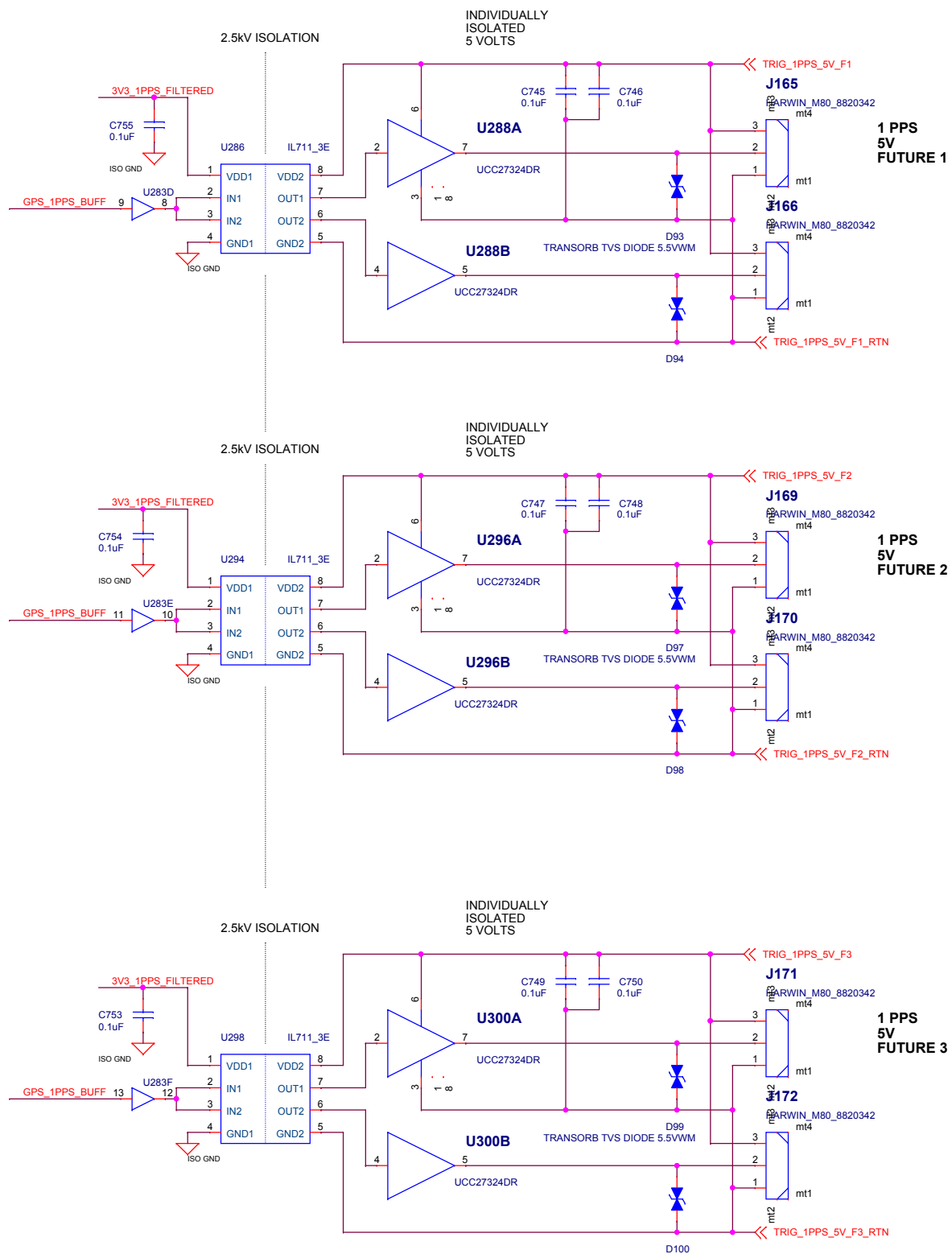


Title				
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Size	Document Number			Rev
C	10020068			A
Date:	Wednesday, September 06, 2017		Sheet	1 of 1

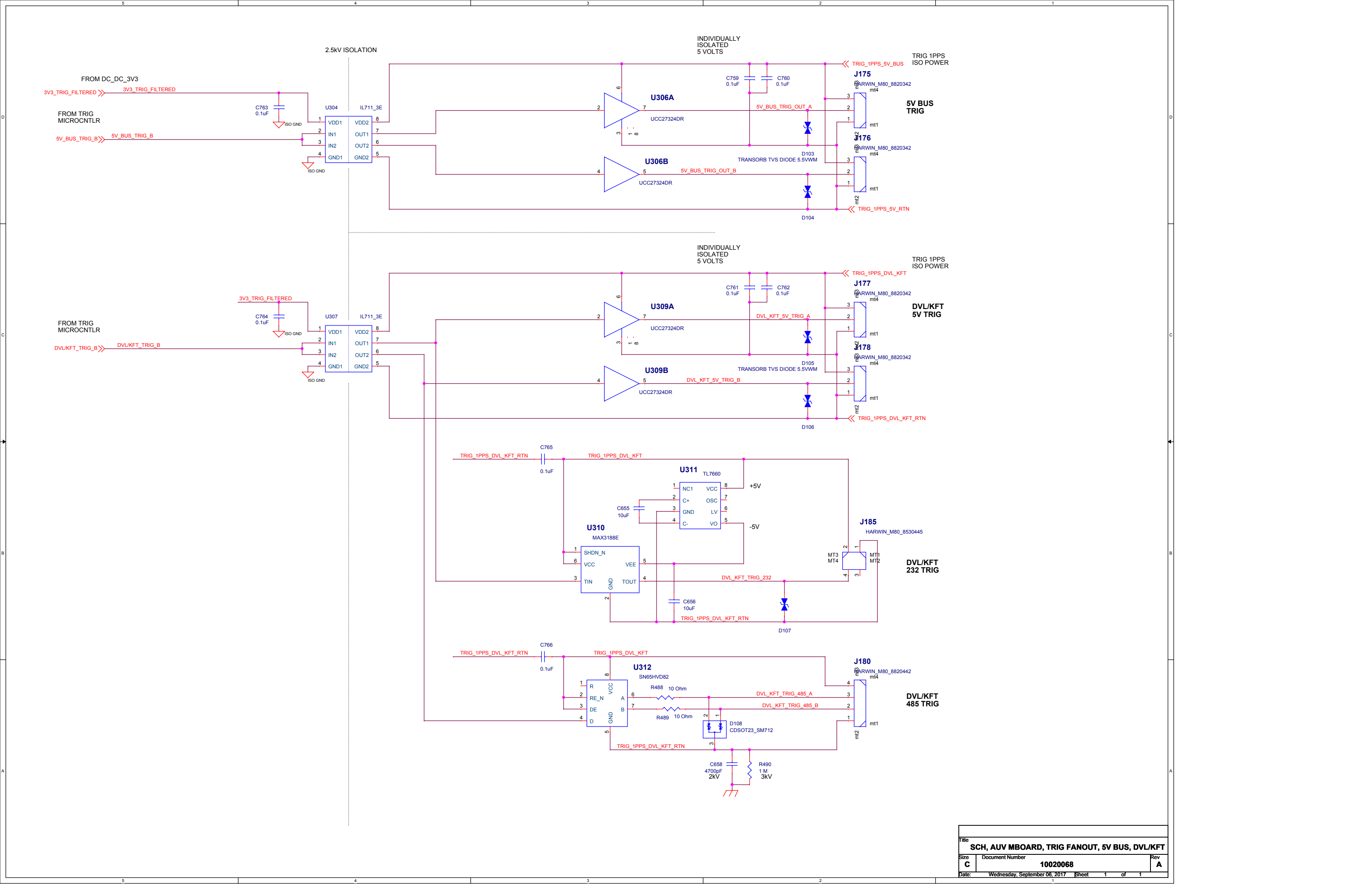


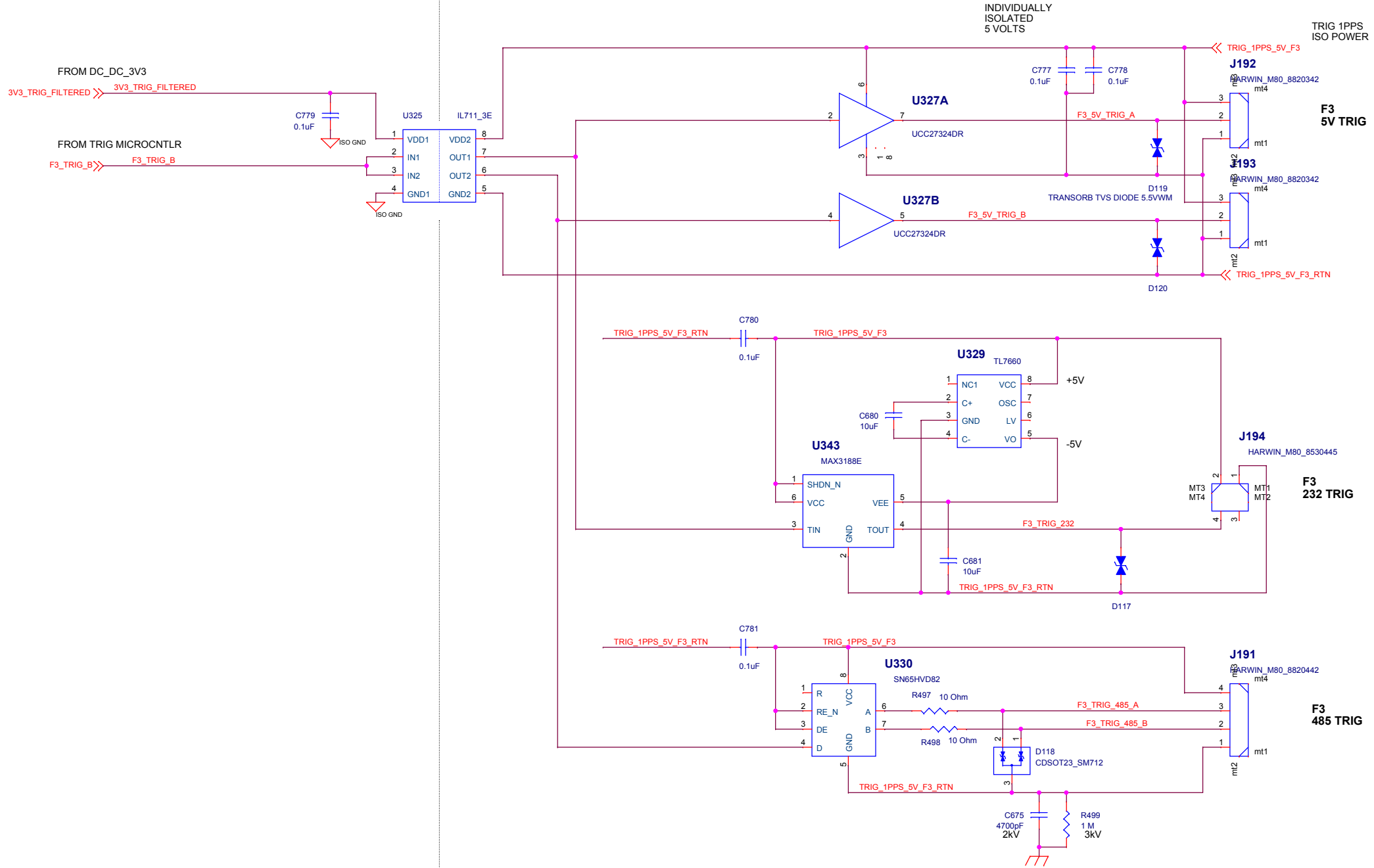
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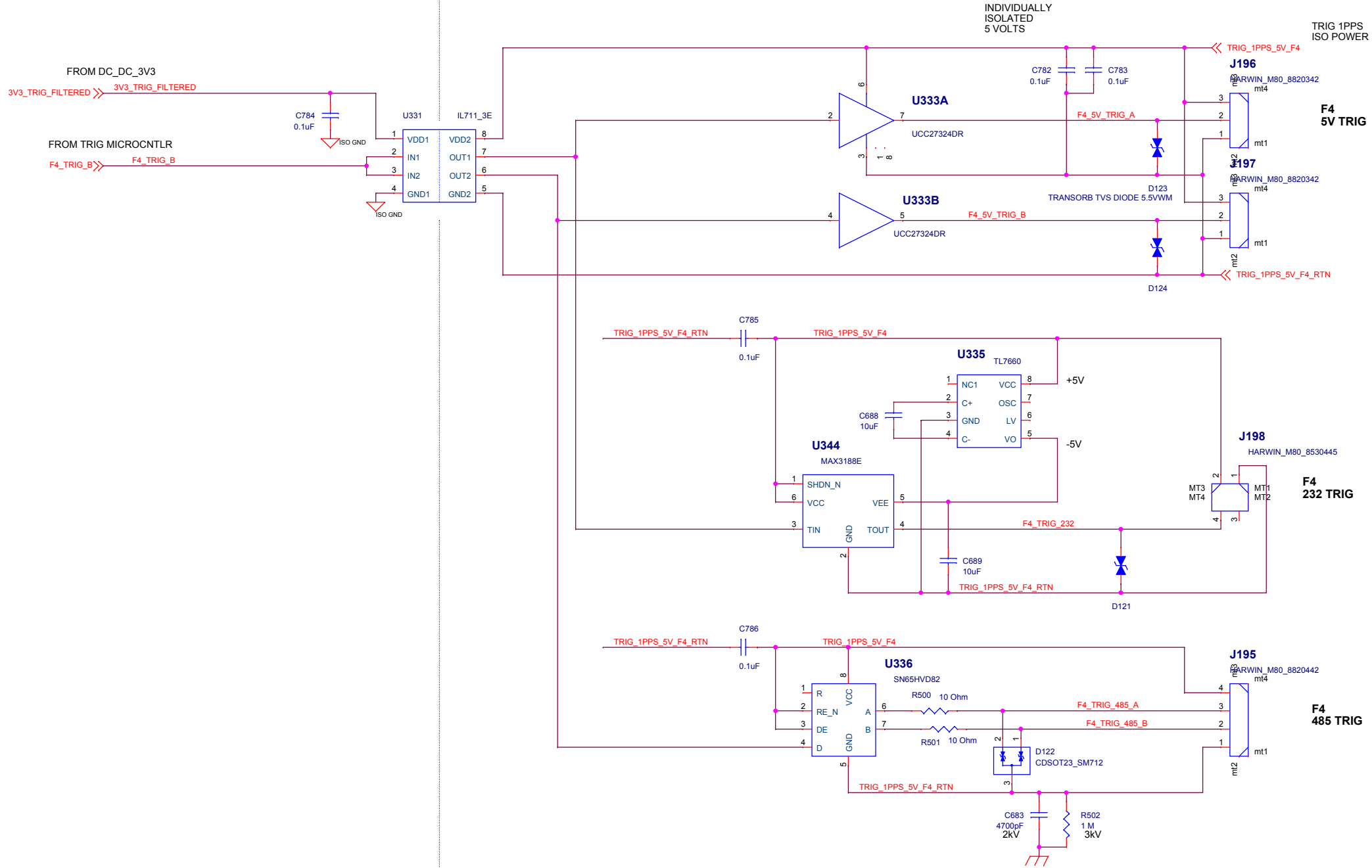
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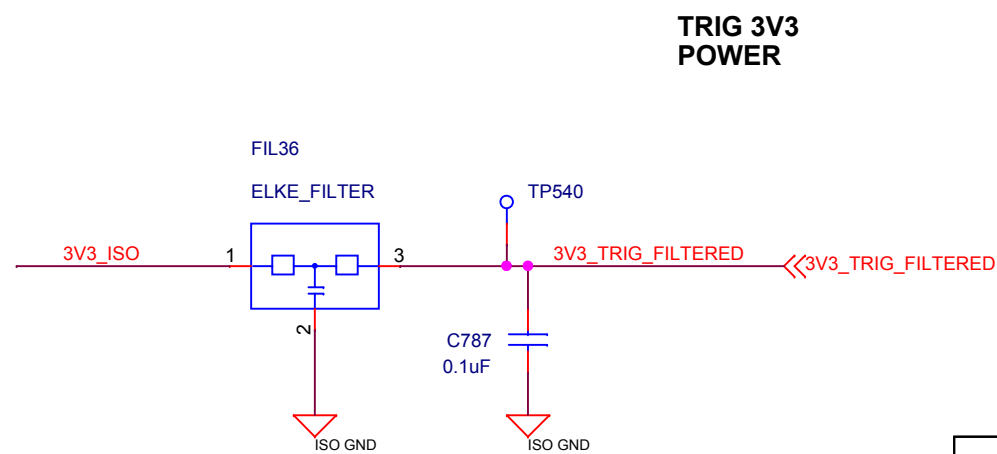
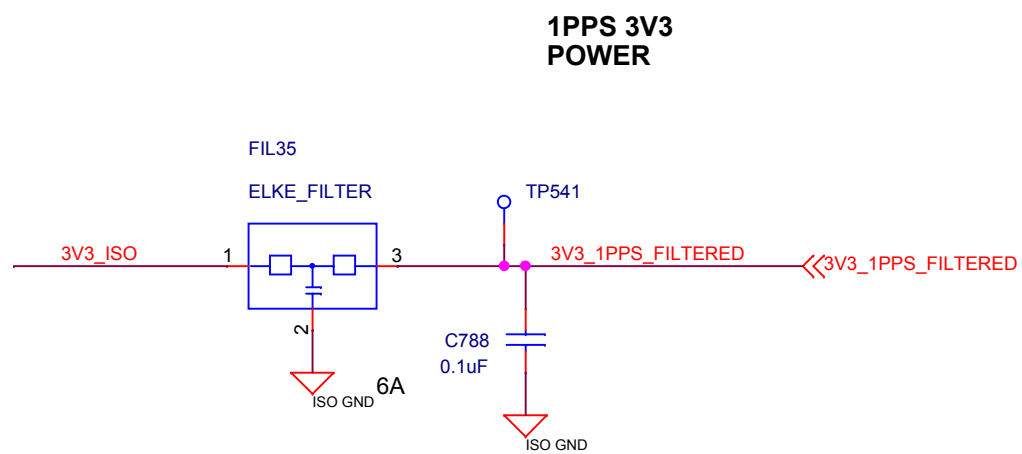
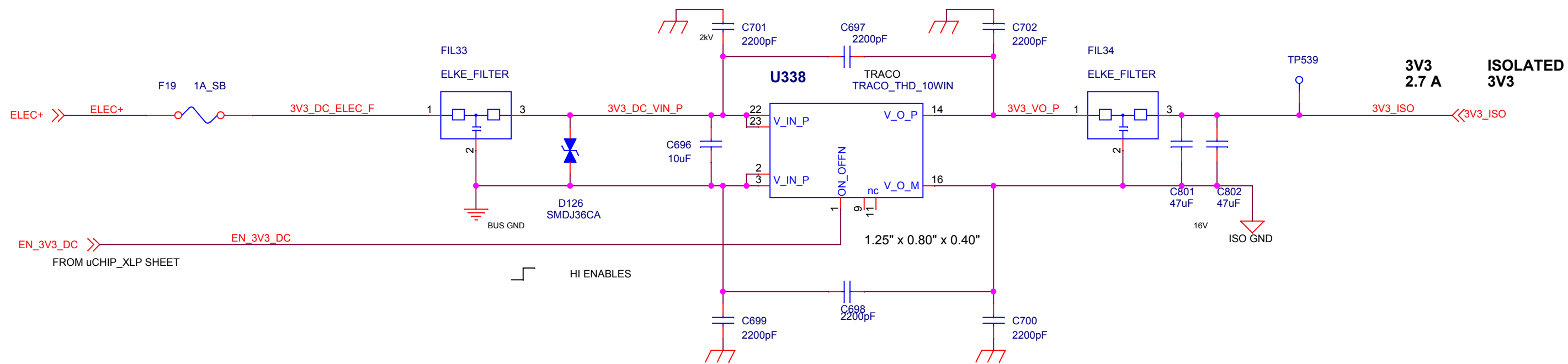
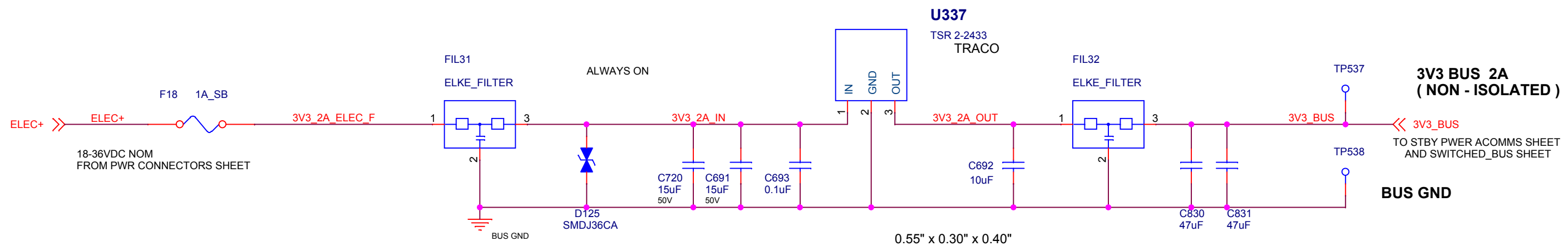


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Size	Document Number			Rev
C	10020068			A
Date:	Wednesday, September 06, 2017		Sheet	1 of 1

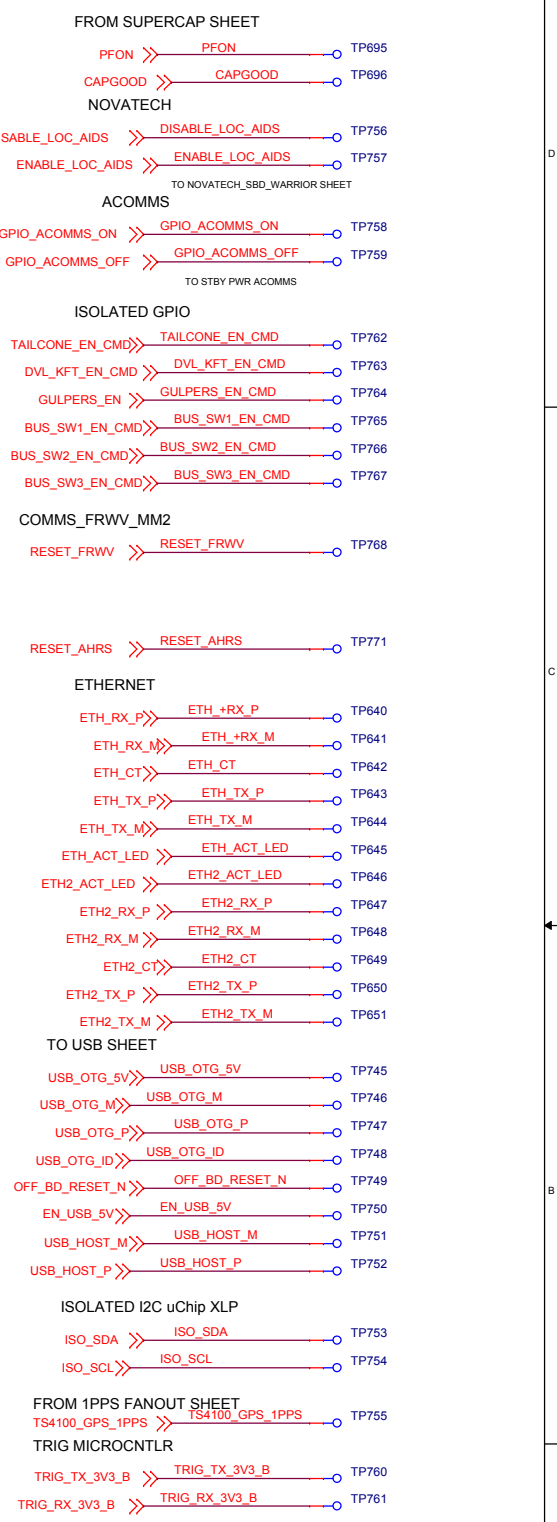
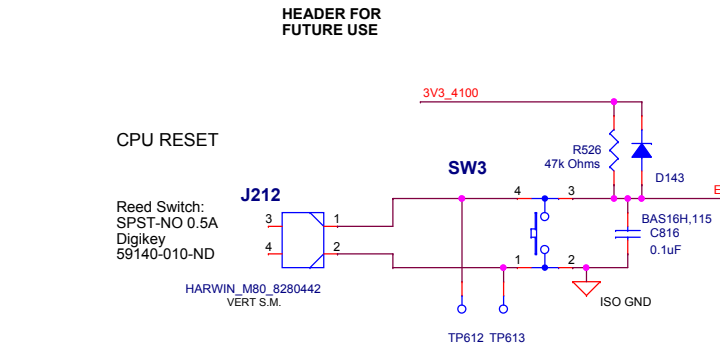
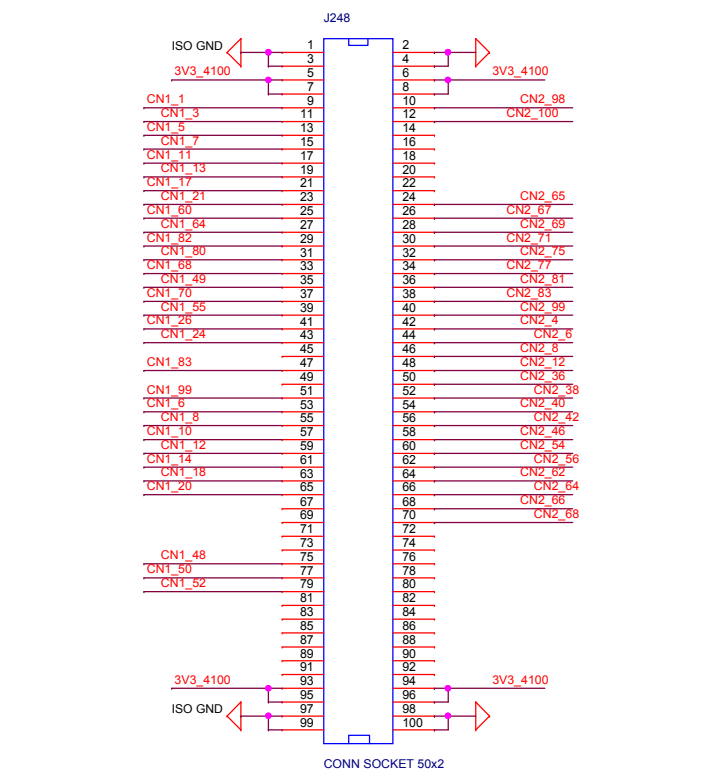
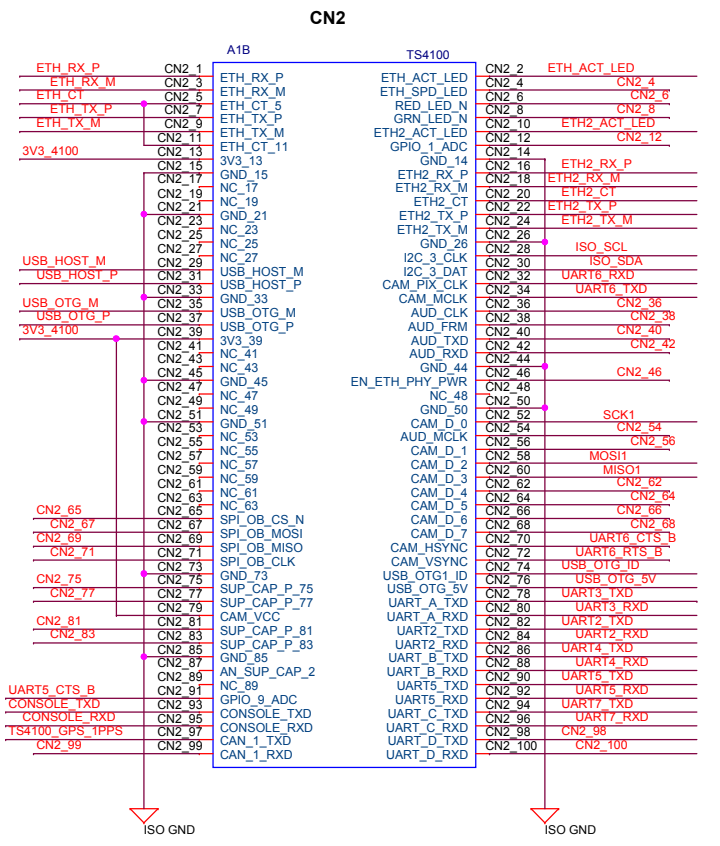
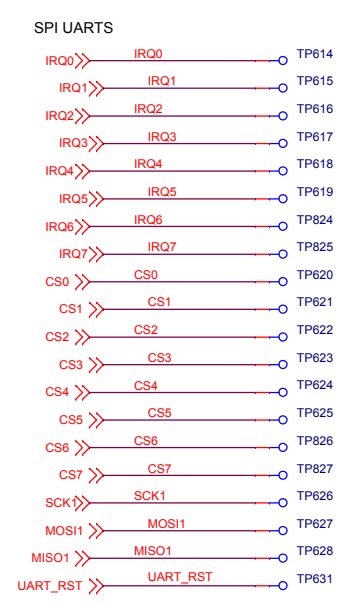
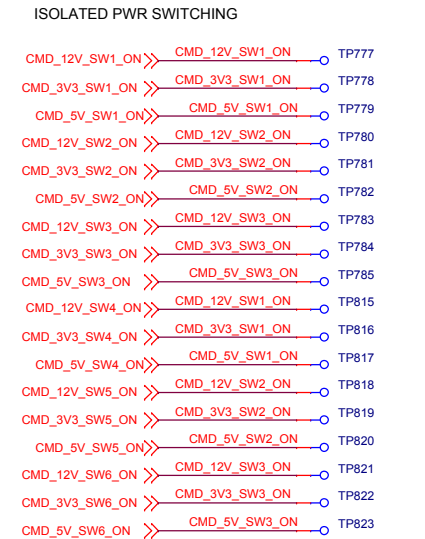
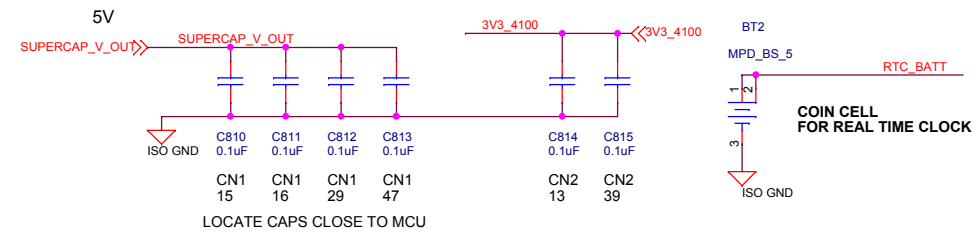
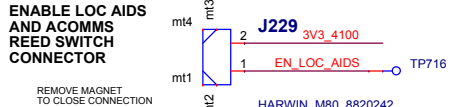
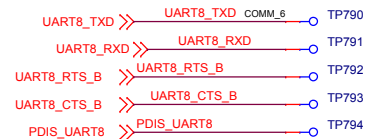
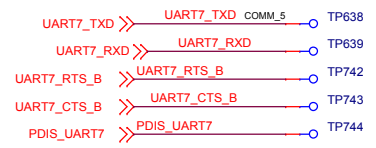
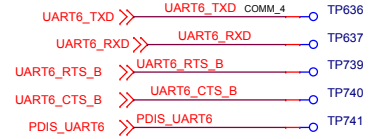
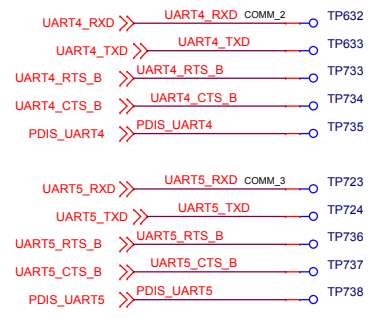
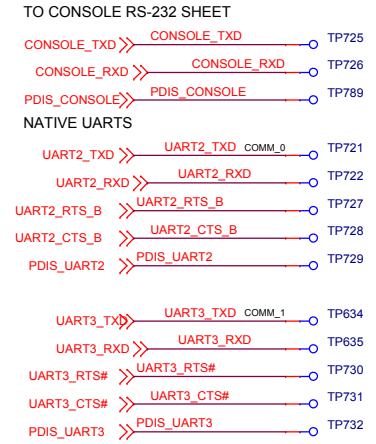








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SCH, AUV M'BOARD, DC_DC 3V3				
Size	Document Number			Rev
B	10020068			A
Date:	Wednesday, September 06, 2017		Sheet	1 of 1

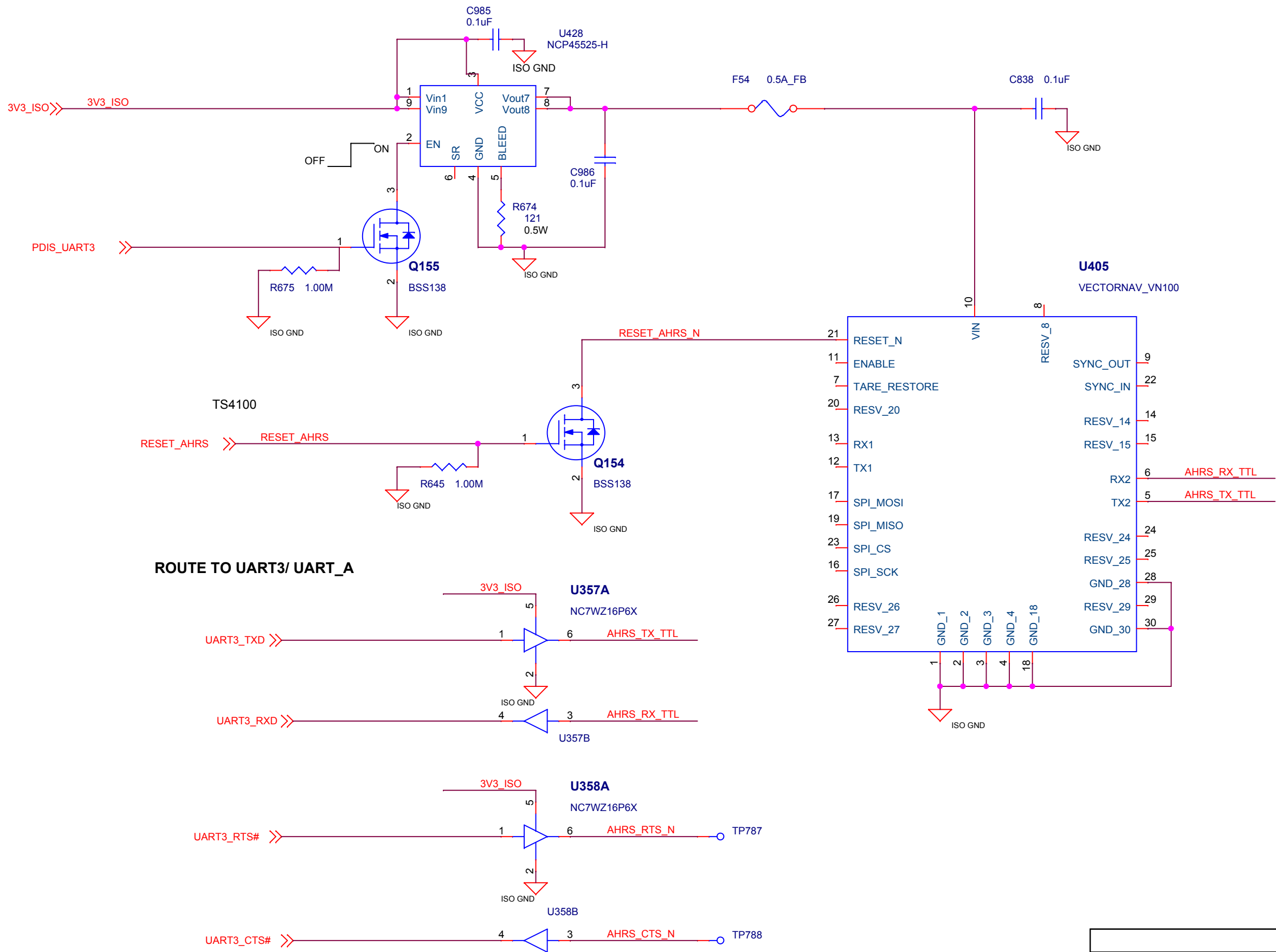


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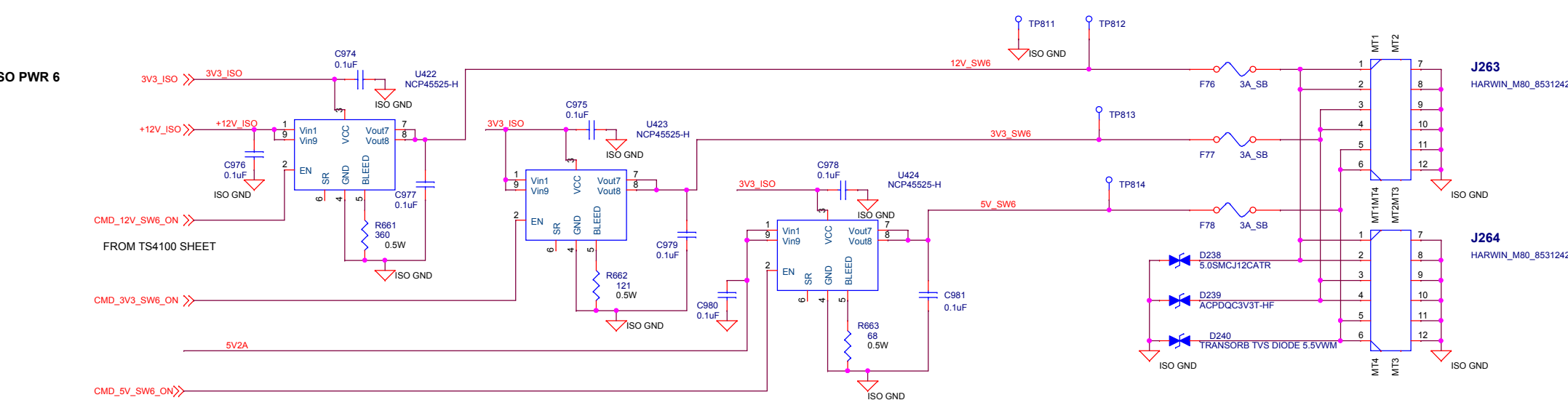
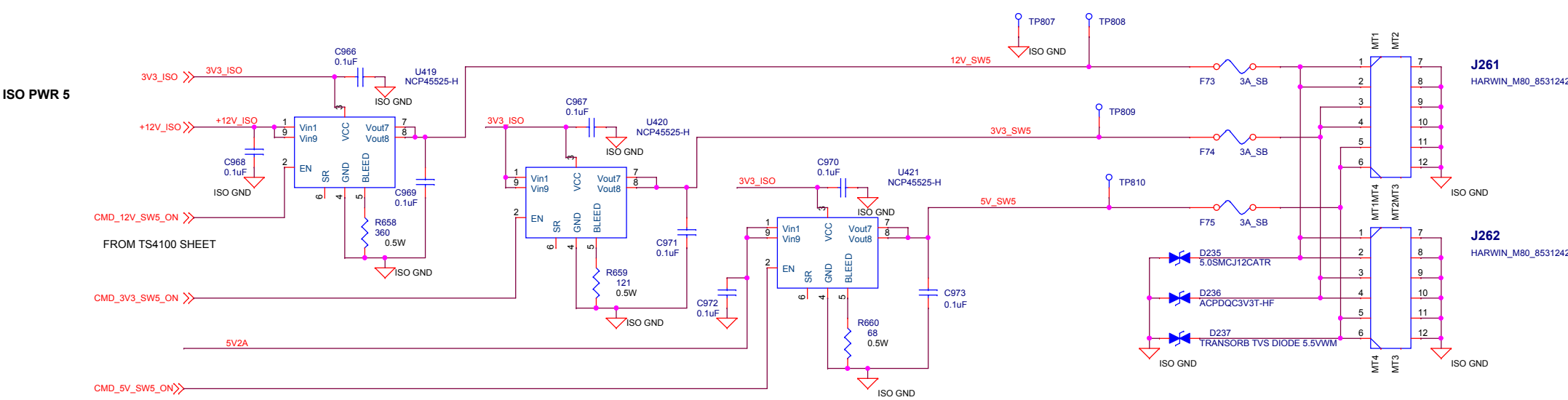
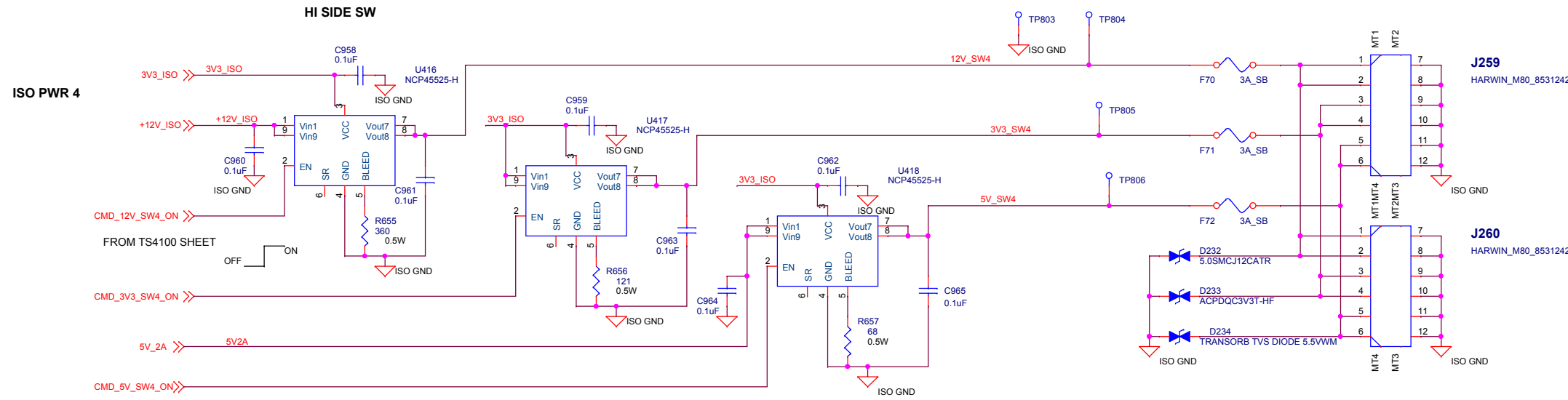
0. COMMS CHANNELS 0-5 ON NATIVE UARTS

1. COMMS CHANNELS 6-11 ON EXTERNAL SPI UARTS

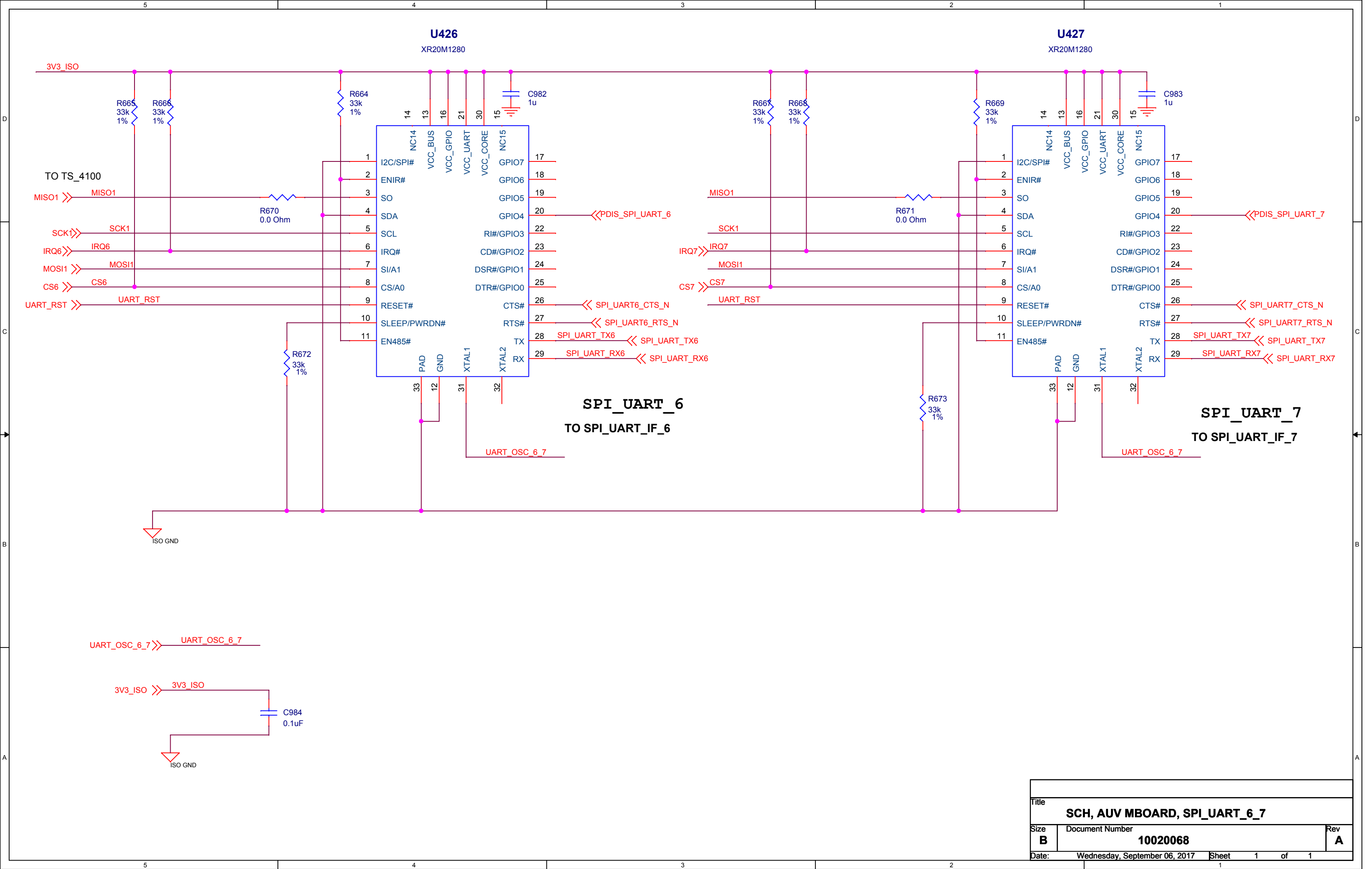
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SCH, AUV MBOARD, TS_4100		
Size	Document Number	Rev
C	10020068	A
Date:	Wednesday, September 06, 2017	Sheet 1 of 1

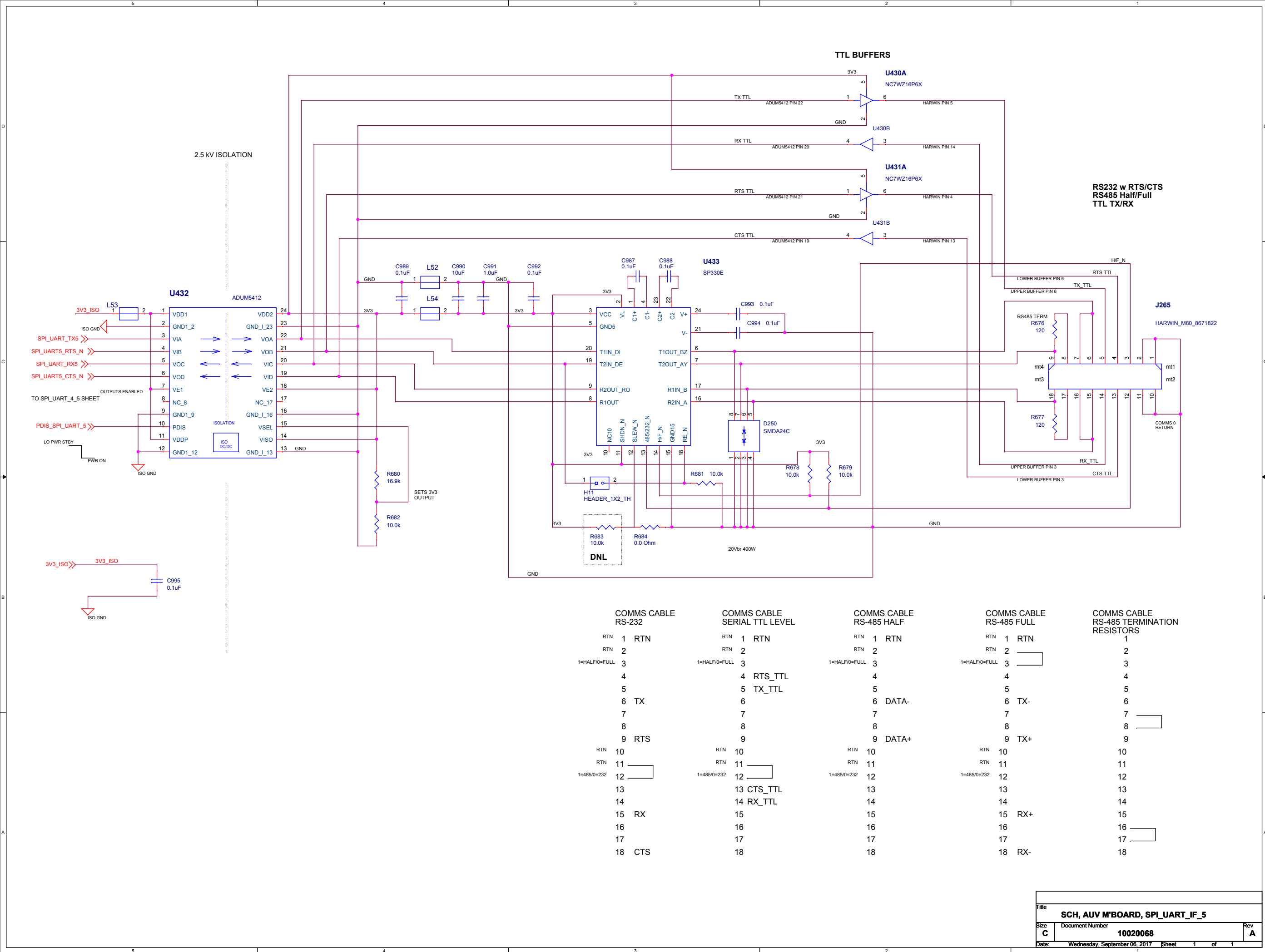


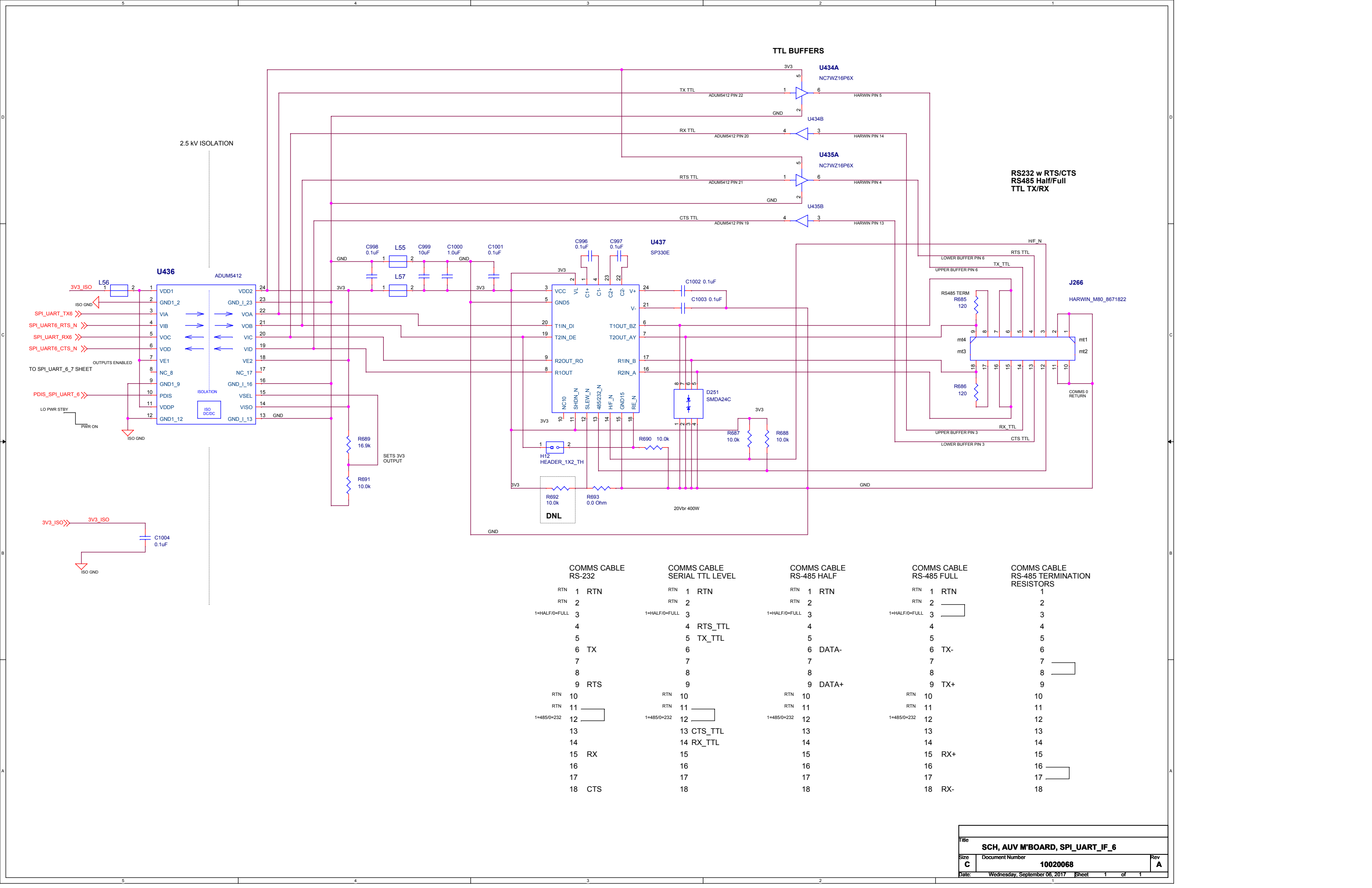
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Size	Document Number	Rev
B	10020068	A
Date:	Wednesday, September 06, 2017	Sheet 1 of 1

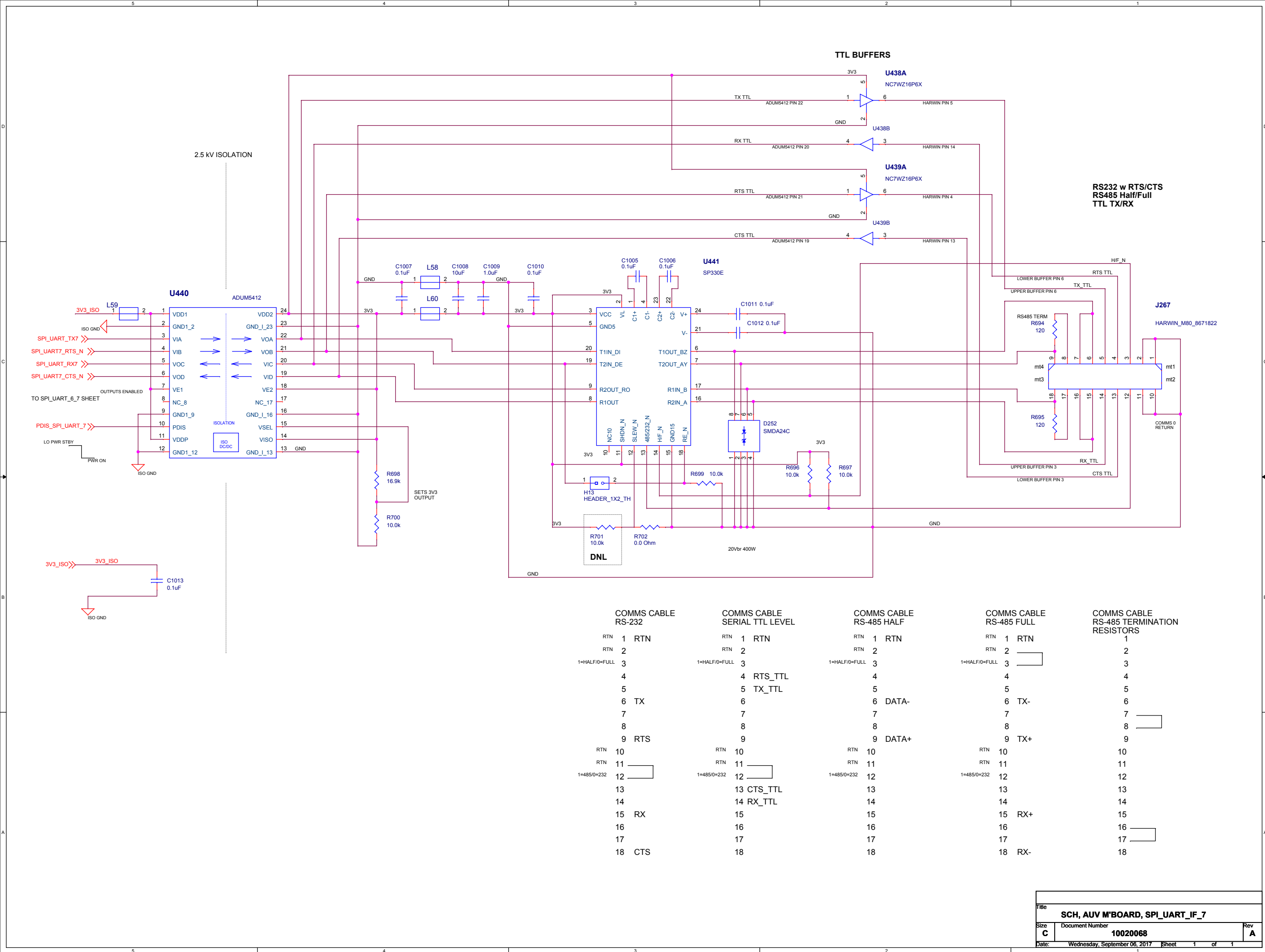


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SCH, AUV MOTHERBOARD, ISO SW PWR 2		
Size	Document Number	Rev
C	10020068	A
Date: Wednesday, September 06, 2017 Sheet 1 of 1		

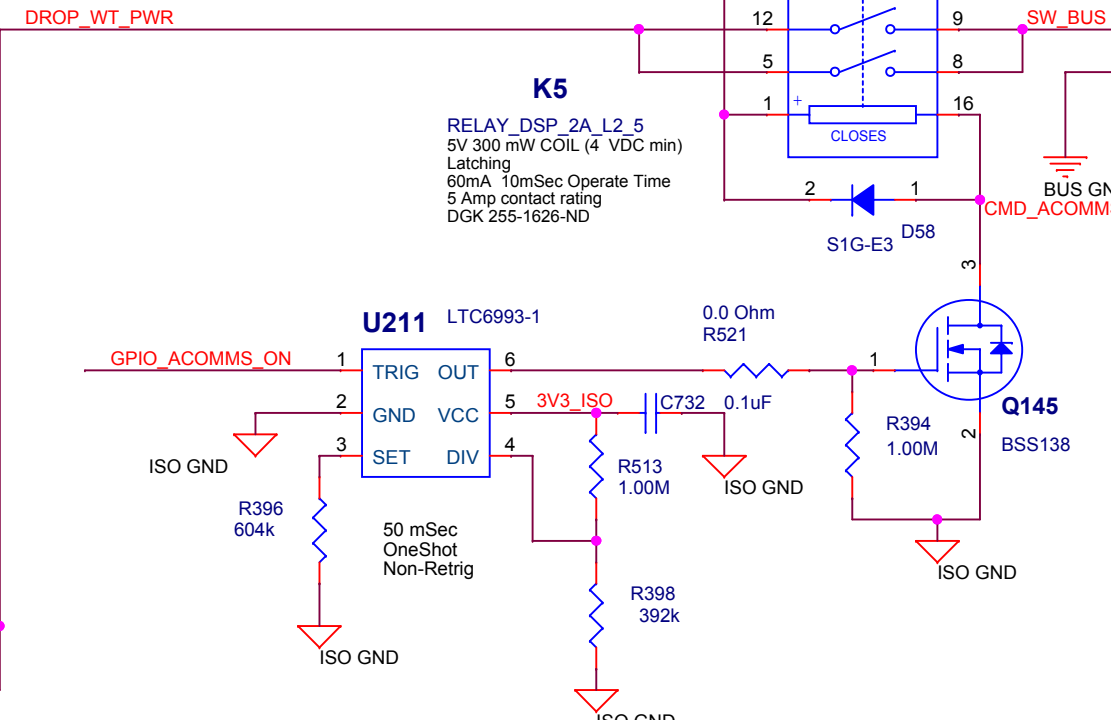
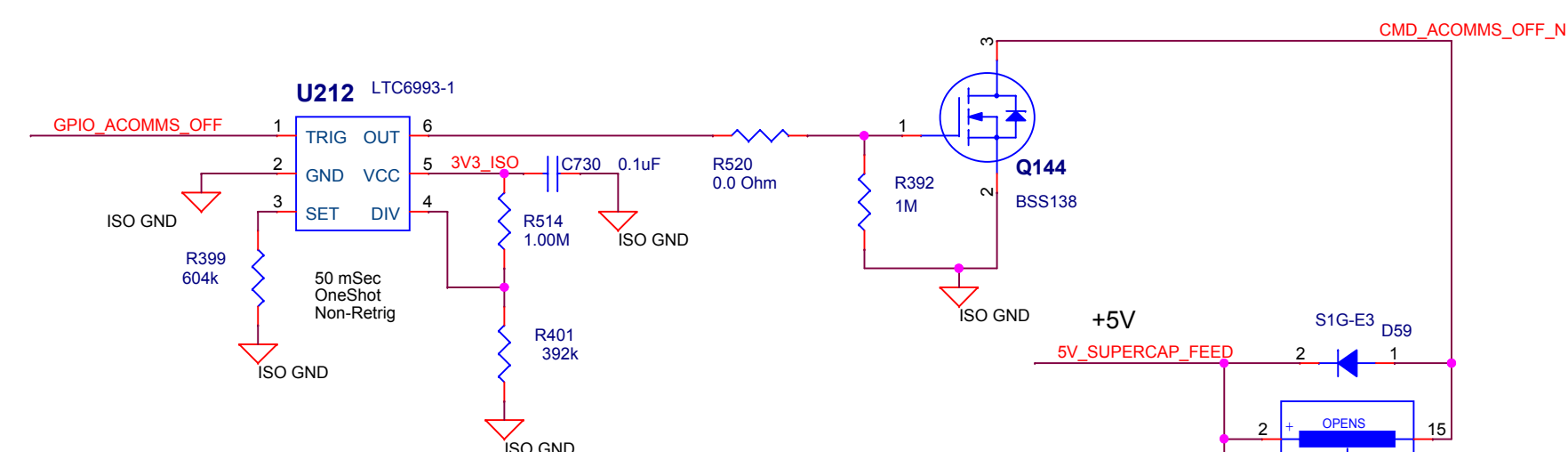
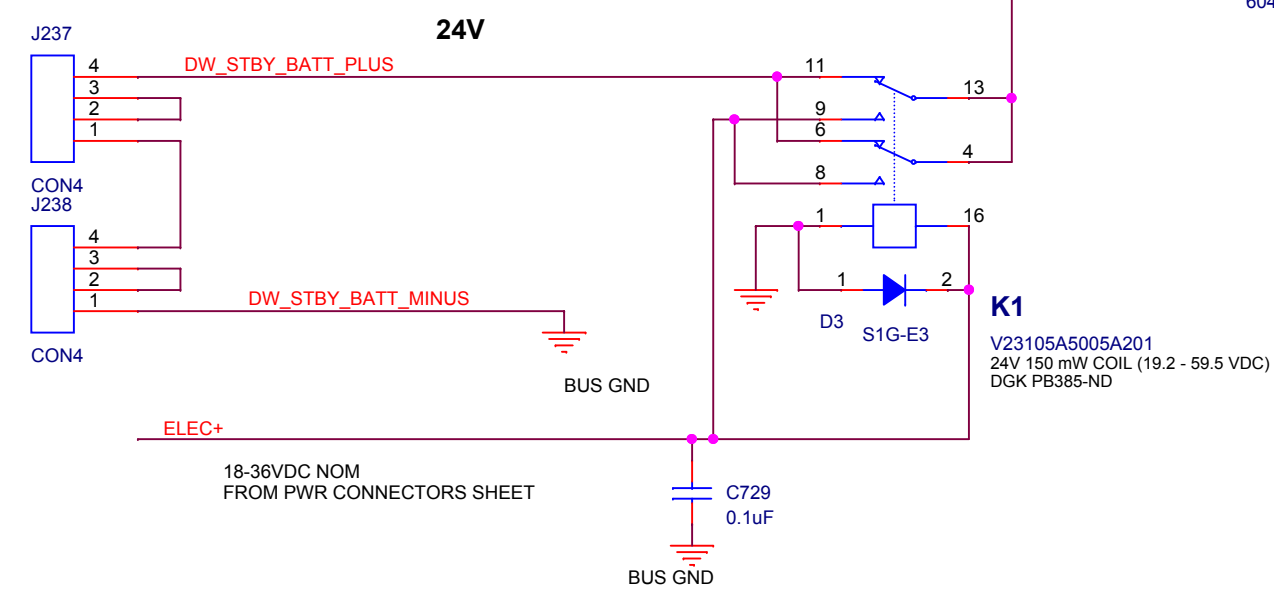




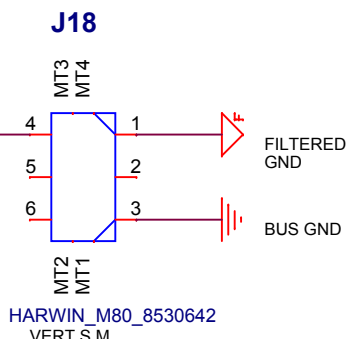
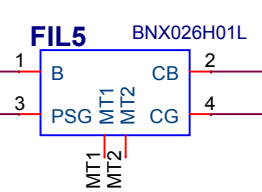
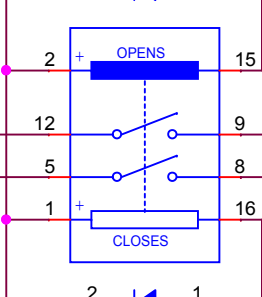




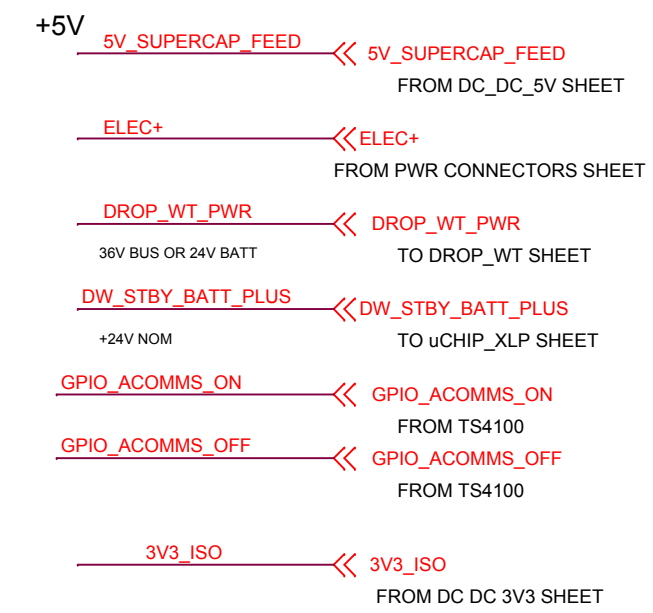
BACKUP BATTS



K5
RELAY_DSP_2A_L2_5
5V 300 mW COIL (4 VDC min)
Latching
60mA 10mSec Operate Time
5 Amp contact rating
DGK 255-1626-ND

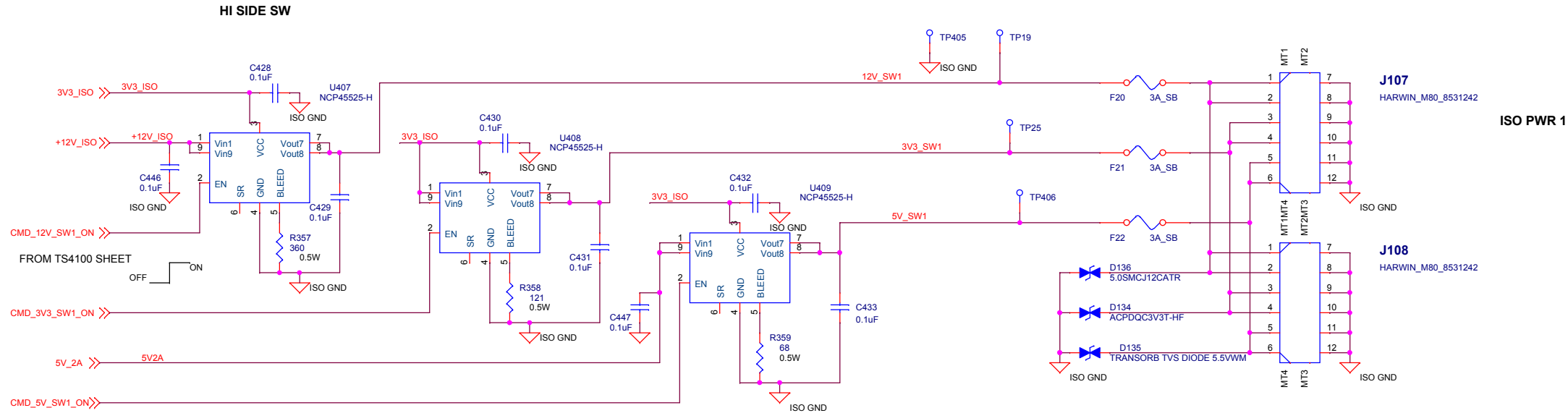


OFF SHEET CONNECTORS

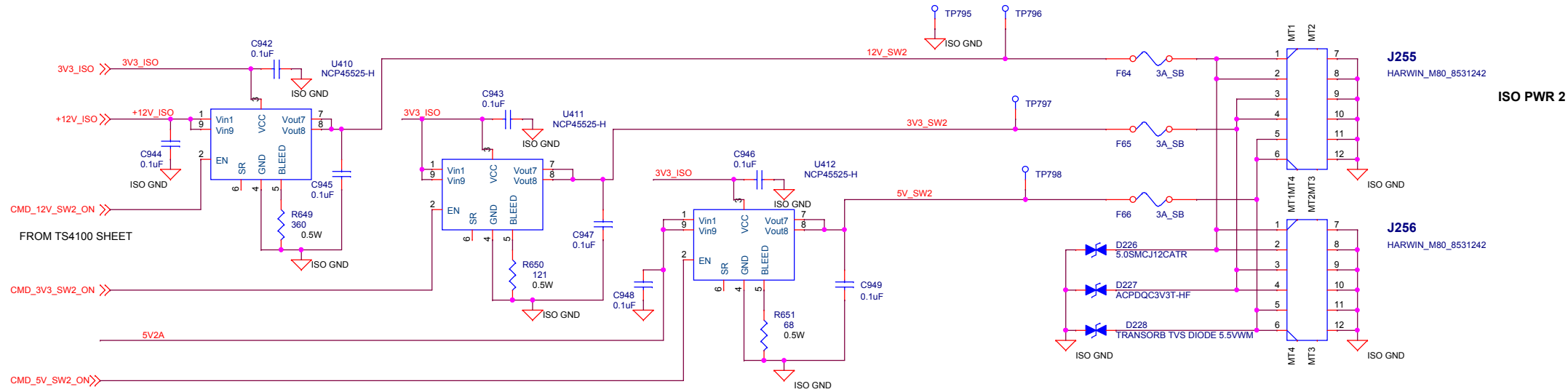


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SCH, AUV MOTHERBOARD, STBY PWR, ACOMMS		
Size	Document Number	Rev
B	10020068	A
Date:	Wednesday, September 06, 2017	Sheet 9 of 10

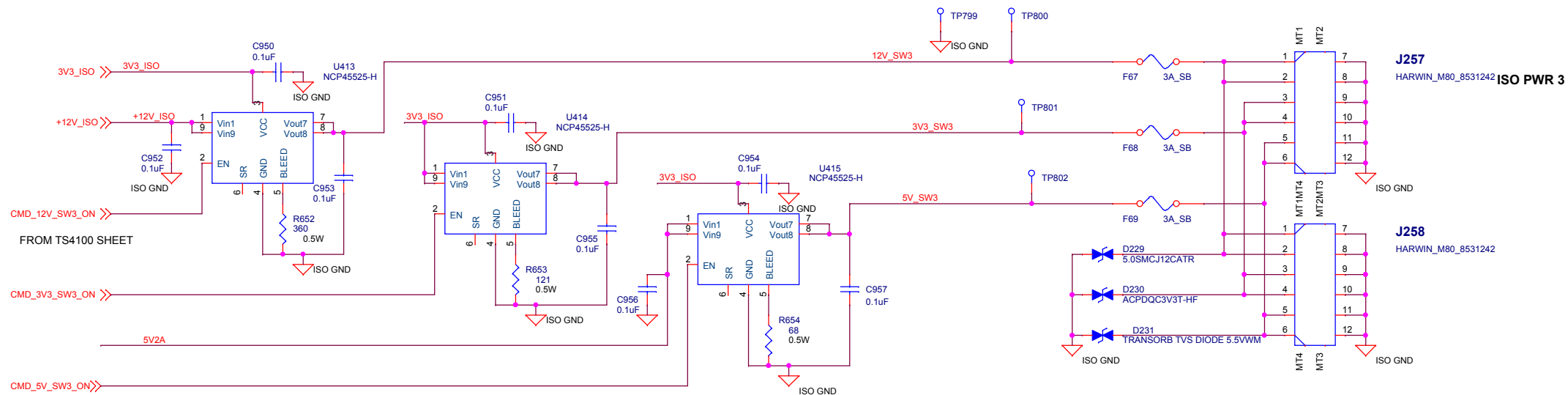
ISO PWR 1



ISO PWR 2



ISO PWR 3



Title			
SCH, AUV MOTHERBOARD, ISO SW PWR 1			
Size	Document Number	Rev	
C	10020068	A	
Date:	Wednesday, September 06, 2017	Sheet	10 of 10