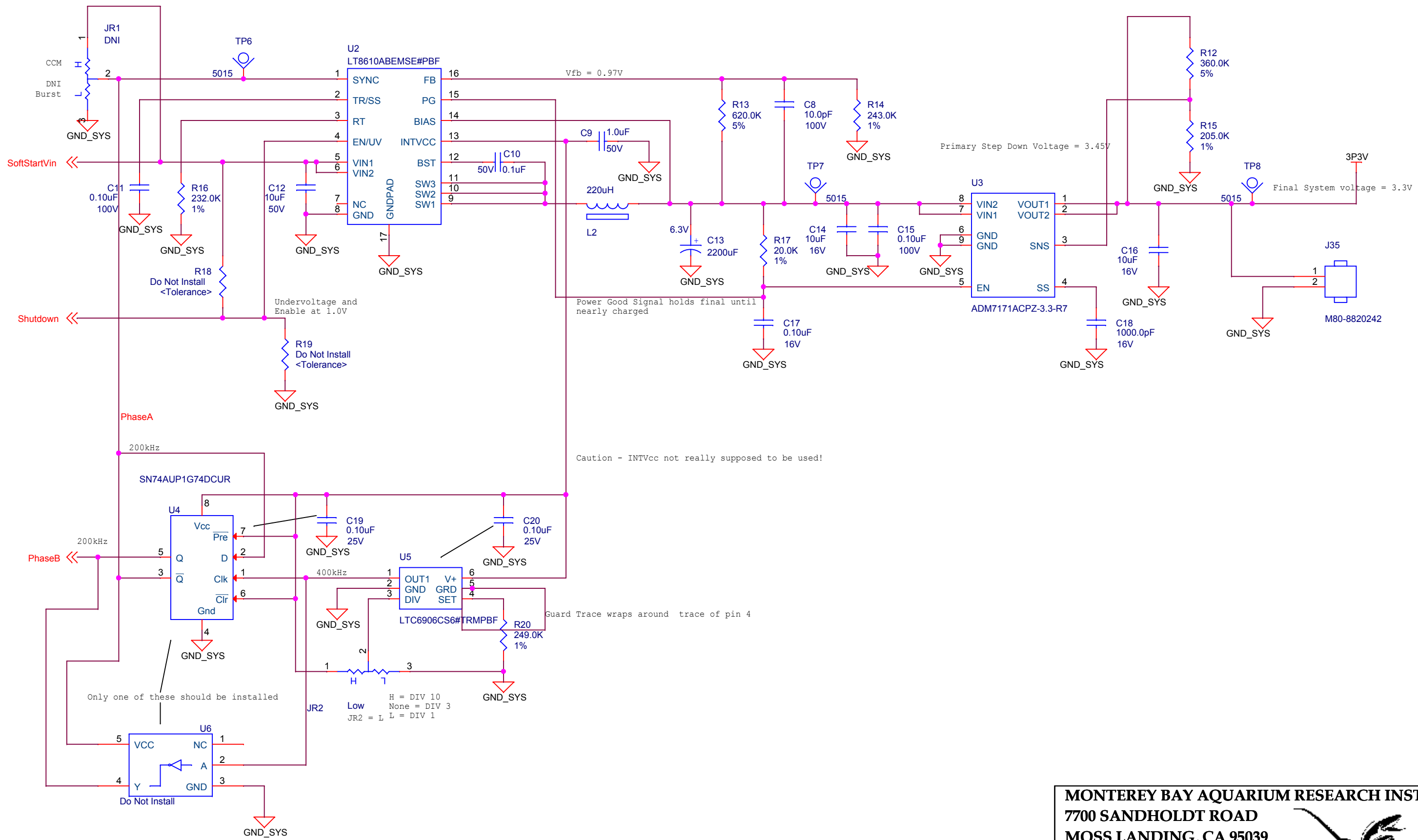
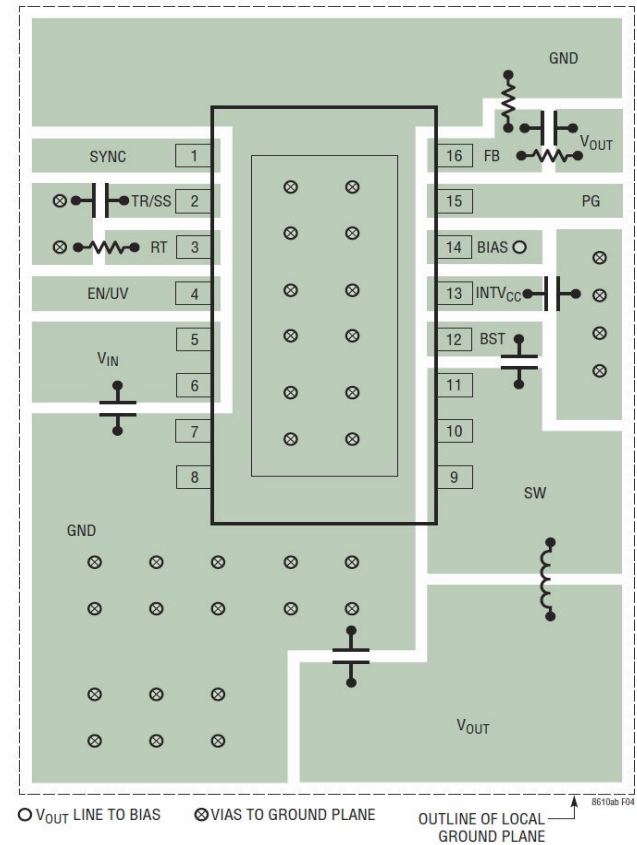
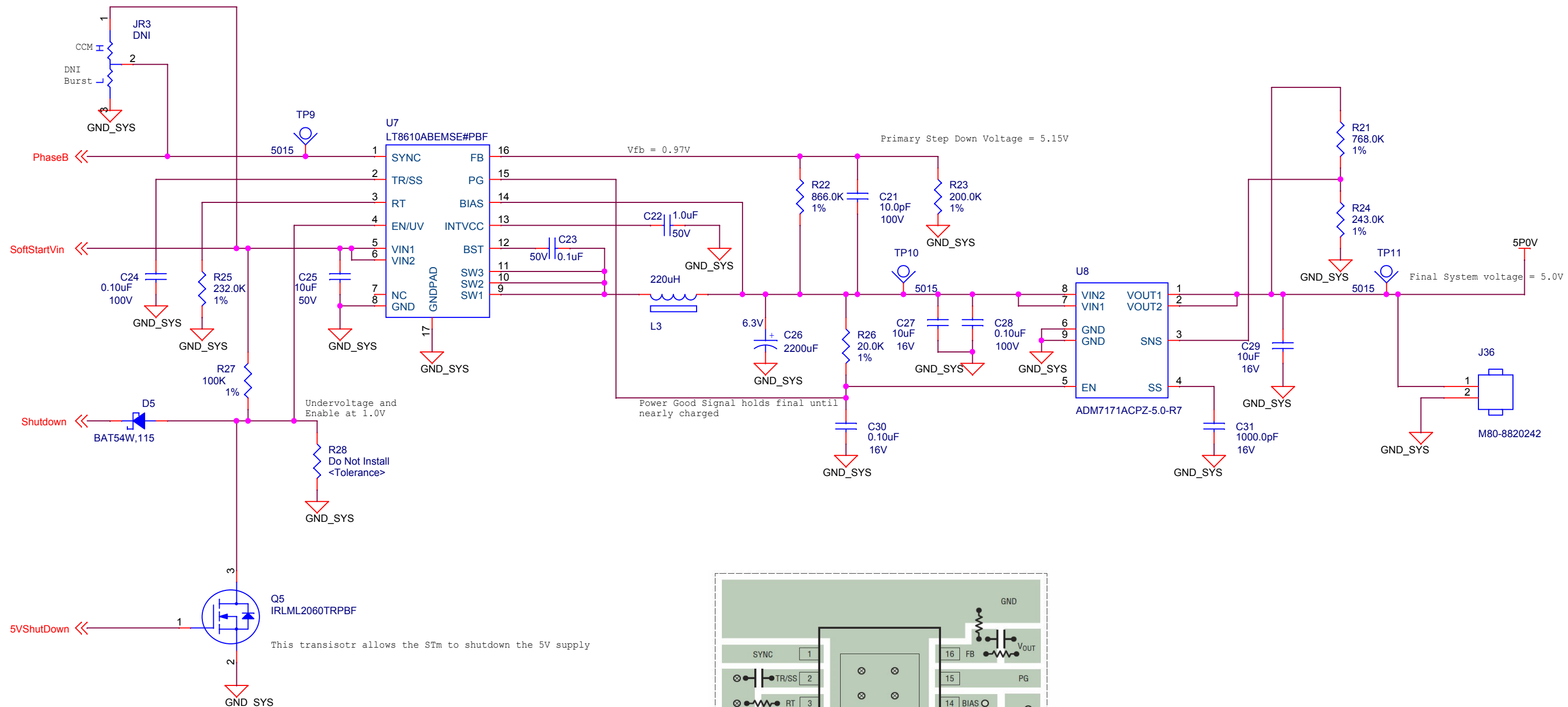






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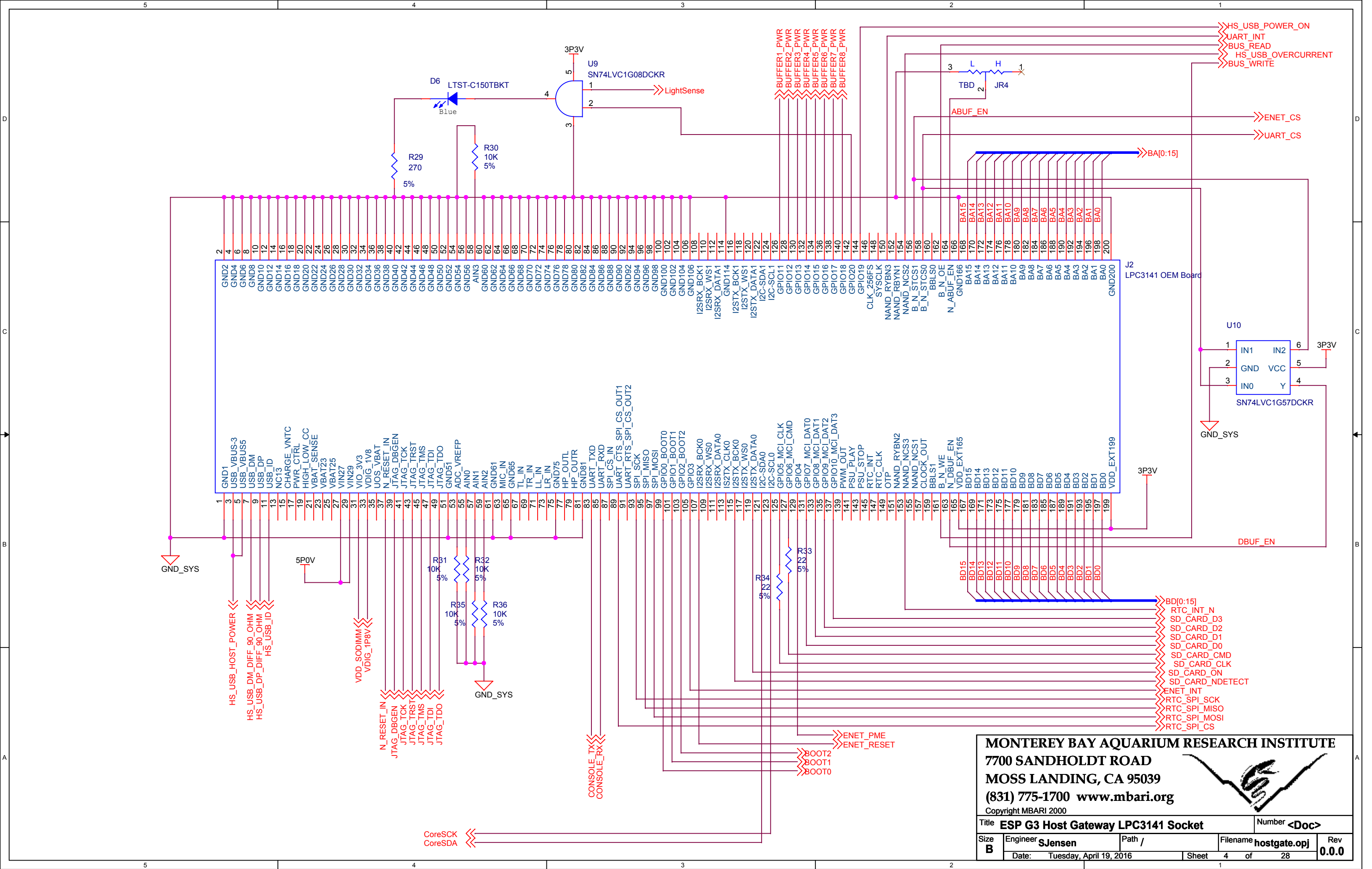
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Title		ESP G3 Host Gateway 5.0V Power supply		Number <Doc>	
Size B	Engineer	SJensen		Path /	Filename hostgate.opj
	Date:	Tuesday, April 19, 2016		Sheet 3 of 28	Rev 0.0.0



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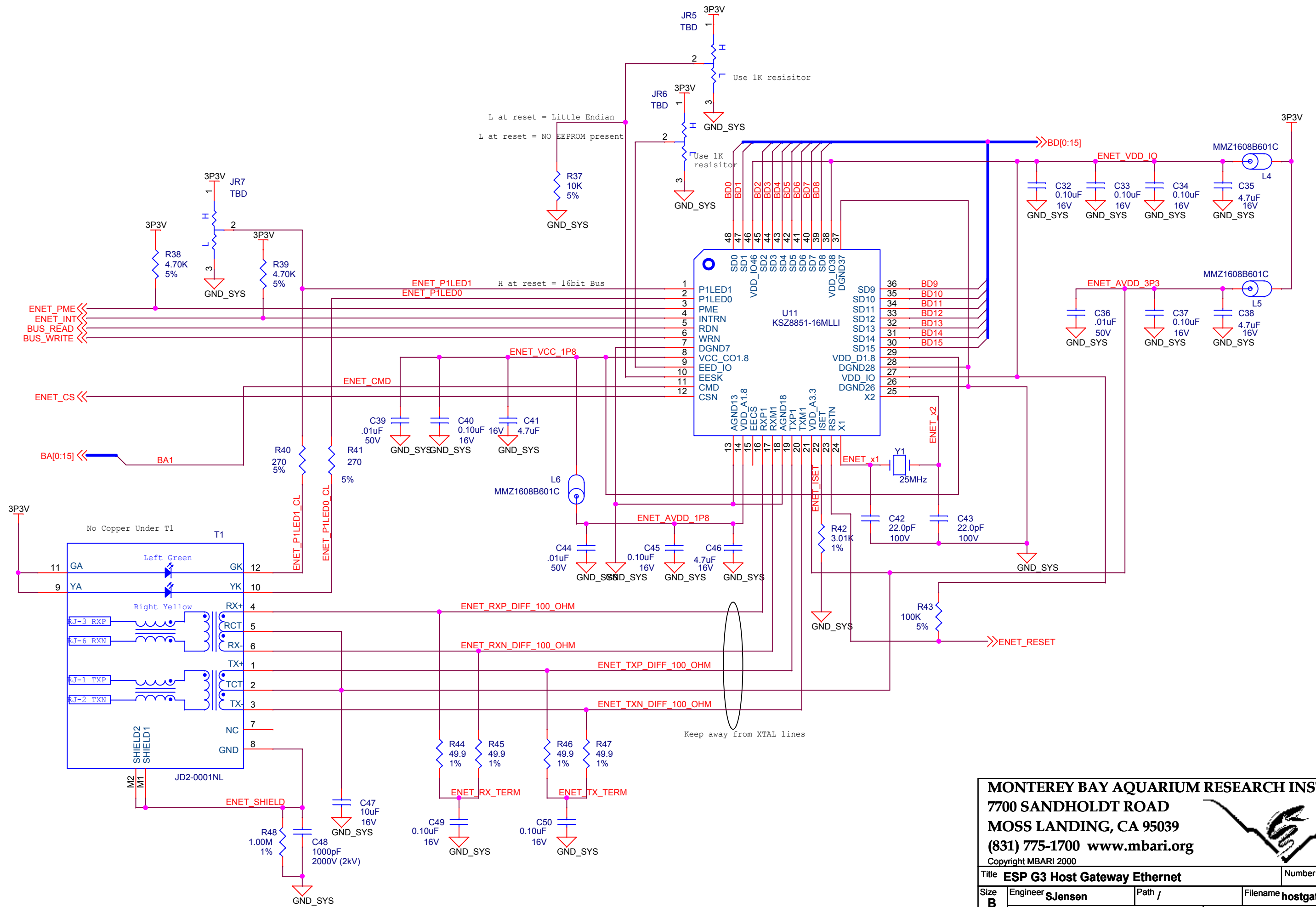
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Title		ESP G3 Host Gateway LPC3141 Socket		Number <Doc>	
Size B	Engineer	S.Jensen		Path	/
	Date:	Tuesday, April 19, 2016		Sheet	4 of 28
Filename				hostgate.opj	
Rev				0.0.0	



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Title

ESP G3 Host Gateway Ethernet

Number

<Doc>

Size

B

Engineer

SJensen

Path

/

Filename

hostgate.opj

Rev

0.0.0

Date

Monday, May 02, 2016

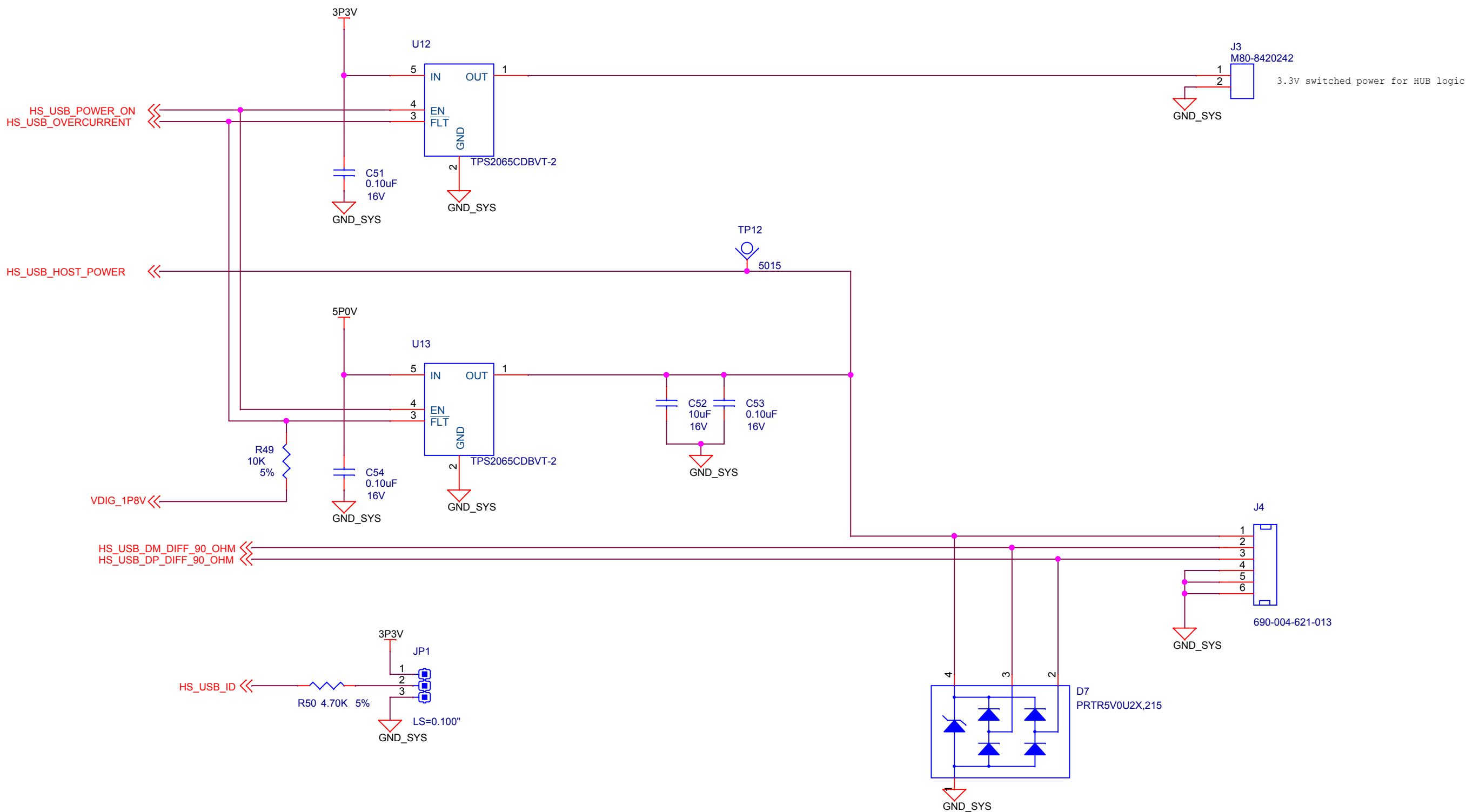
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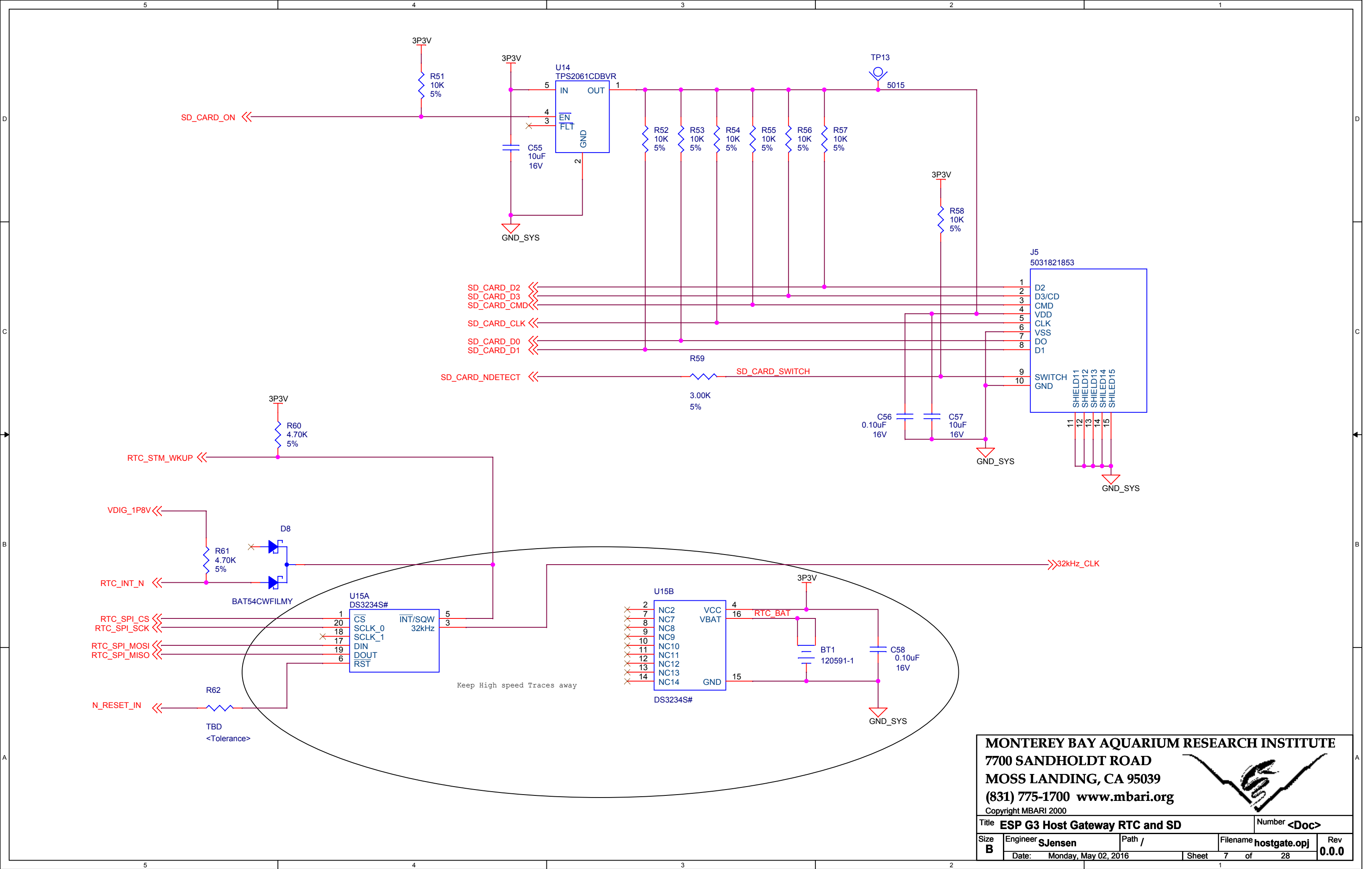
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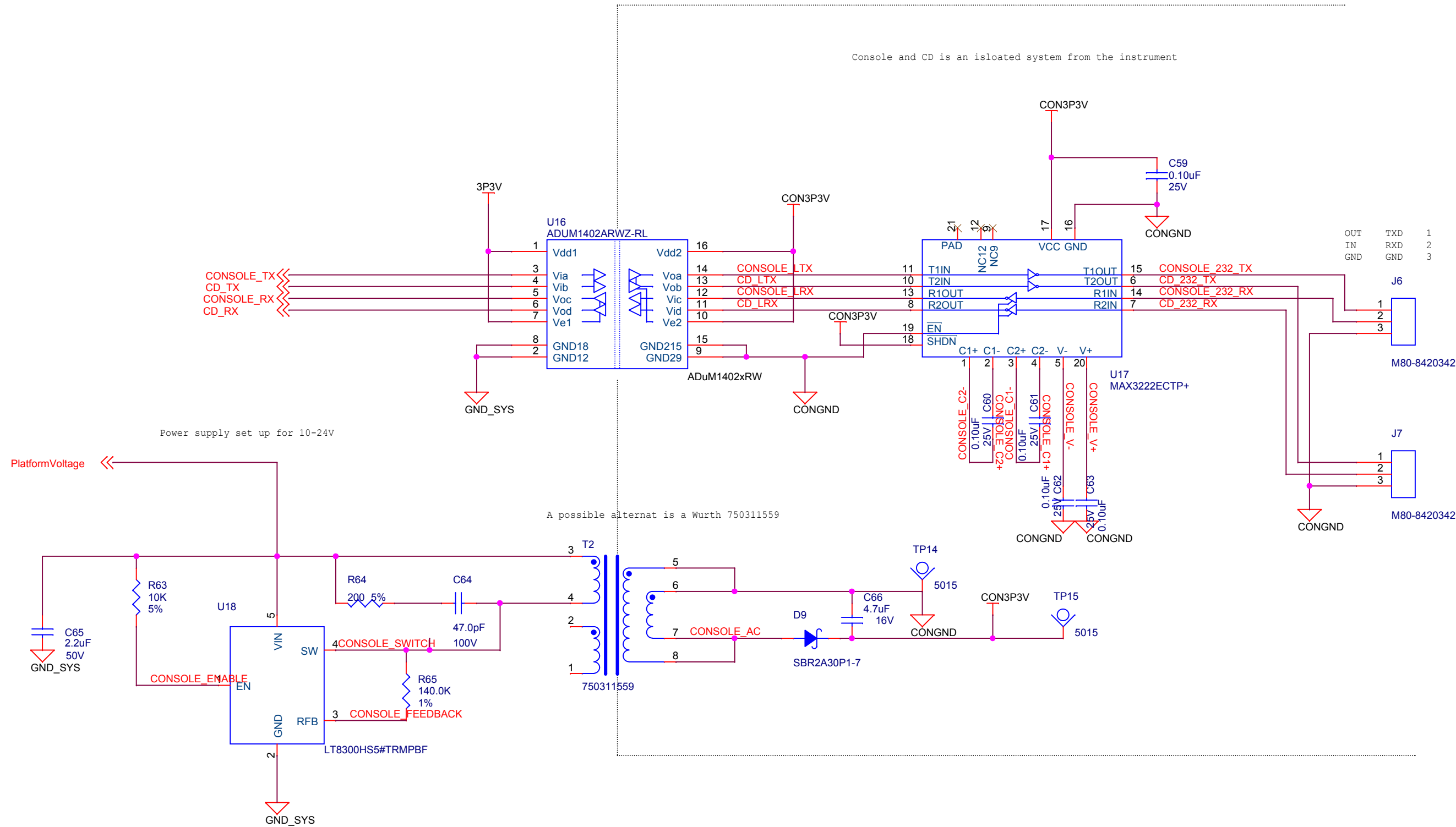
of

28









100

RX0

99

CTS0#

98

DSR0#

97

CD0#

96

RI0#

95

RTS0#

94

DTR0#

93

TX0

92

RX1

91

CTS1#

90

DSR1#

89

CD1#

88

RI1#

87

RTS1#

86

DTR1#

85

TX1

73

RX2

74

CTS2#

75

DSR2#

76

CD2#

77

RI2#

78

RTS2#

79

DTR2#

80

TX2

65

RX3

66

CTS3#

67

DSR3#

68

CD3#

69

RI3#

70

RTS3#

71

DTR3#

72

TX3

57

RX4

58

CTS4#

59

DSR4#

60

CD4#

61

RI4#

62

RTS4#

63

DTR4#

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TX4

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RX5

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CTS5#

51

DSR5#

52

CD5#

53

RI5#

54

RTS5#

55

DTR5#

56

TX5

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RX6

40

CTS6#

41

DSR6#

42

CD6#

43

RI6#

44

RTS6#

45

DTR6#

46

TX6

31

RX7

32

CTS7#

33

DSR7#

34

CD7#

35

RI7#

36

RTS7#

37

DTR7#

38

TX7

CD_RX

CD_TX

BUFFER2_RX

BUFFER2_CTS

BUFFER2_RTS

BUFFER2_TX

BUFFER3_RX

BUFFER3_CTS

BUFFER3_RTS

BUFFER3_TX

BUFFER4_RX

BUFFER4_CTS

BUFFER4_RTS

BUFFER4_TX

BUFFER5_RX

BUFFER5_CTS

BUFFER5_RTS

BUFFER5_TX

BUFFER6_RX

BUFFER6_CTS

BUFFER6_RTS

BUFFER6_TX

BUFFER7_RX

BUFFER7_CTS

BUFFER7_RTS

BUFFER7_TX

BUFFER8_RX

BUFFER8_CTS

BUFFER8_RTS

BUFFER8_TX

U19
XR16L788CQ-F

16

INT#

13

IOW#

19

IOR#

30

CS#

UART_INT

BUS_WRITE

BUS_READ

UART_CS

BD[0:15]

BD7

BD6

BD5

BD4

BD3

BD2

BD1

BD0

D7

D6

D5

D4

D3

D2

D1

D0

BA[0:15]

BA7

BA6

BA5

BA4

BA3

BA2

BA1

BA0

A7

A6

A5

A4

A3

A2

A1

A0

TMRCK

XTAL1

XTAL2

RST#

EINR

GND47

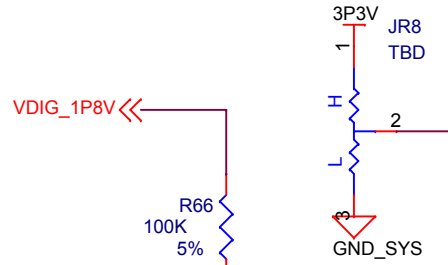
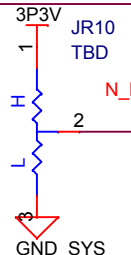
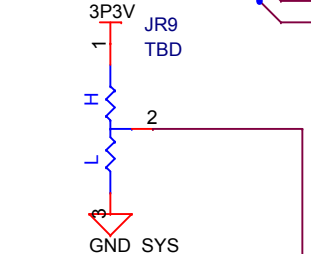
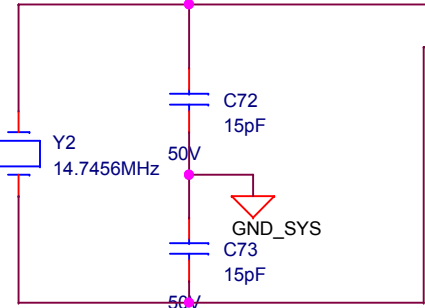
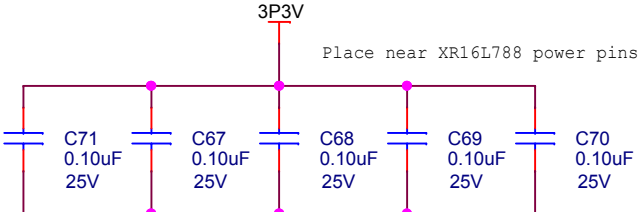
GND29

GND18

GND4

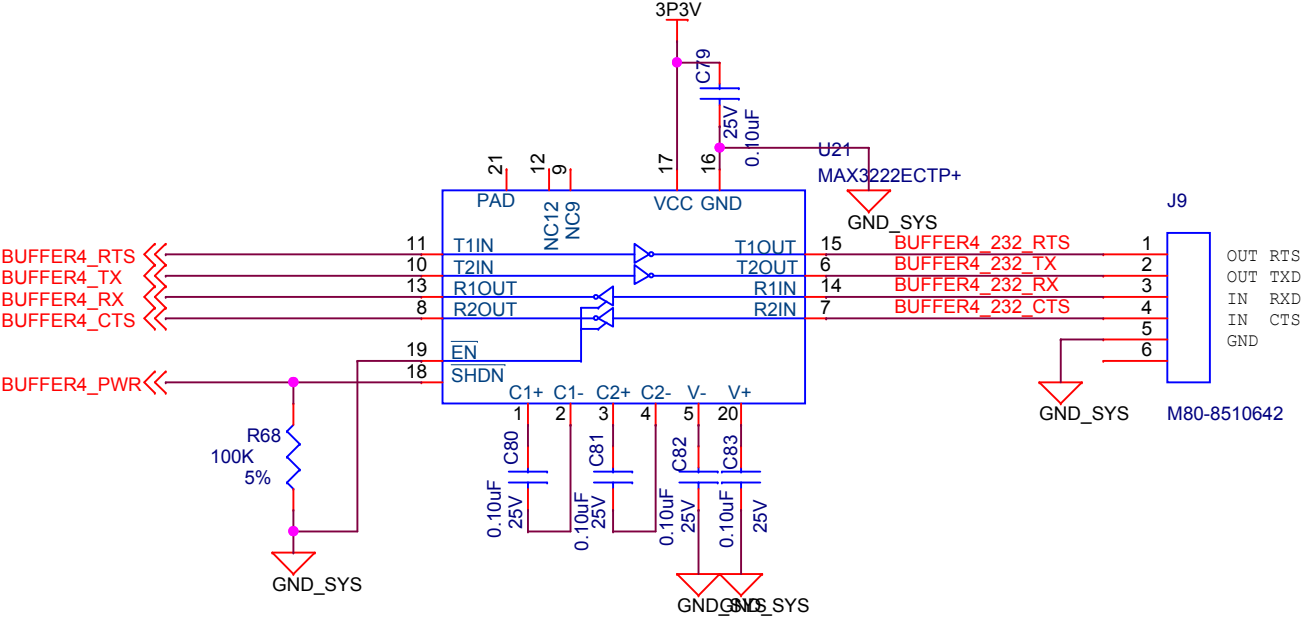
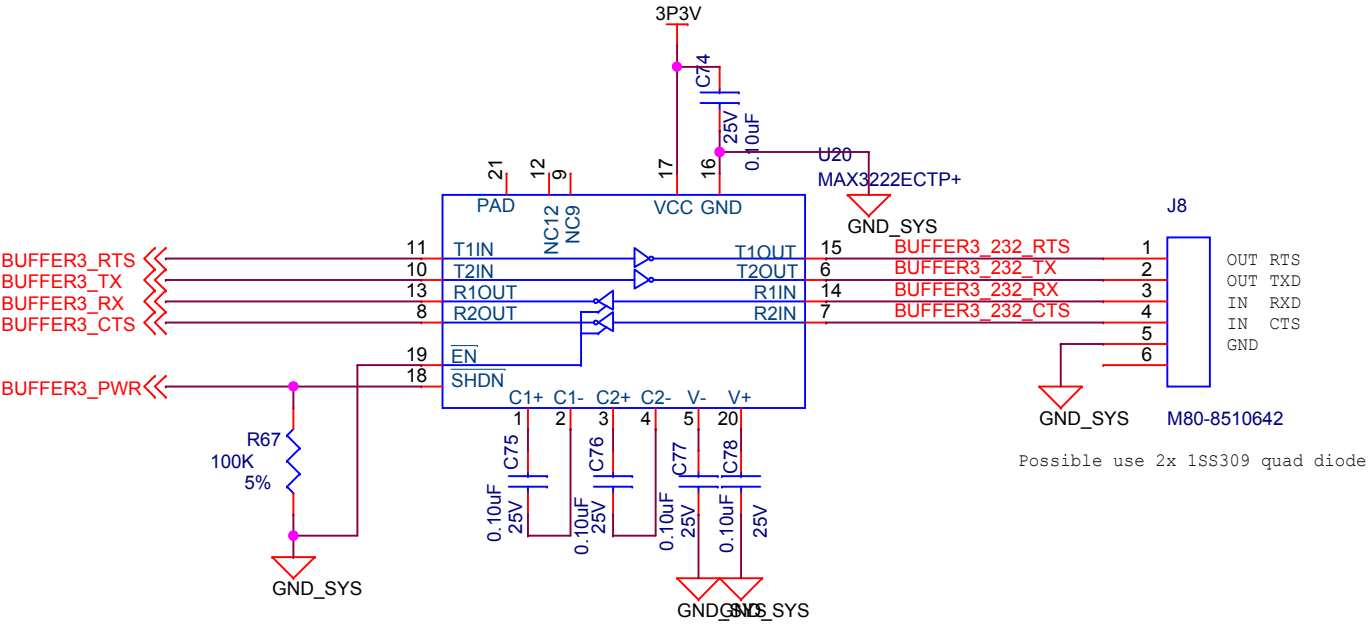
GND83

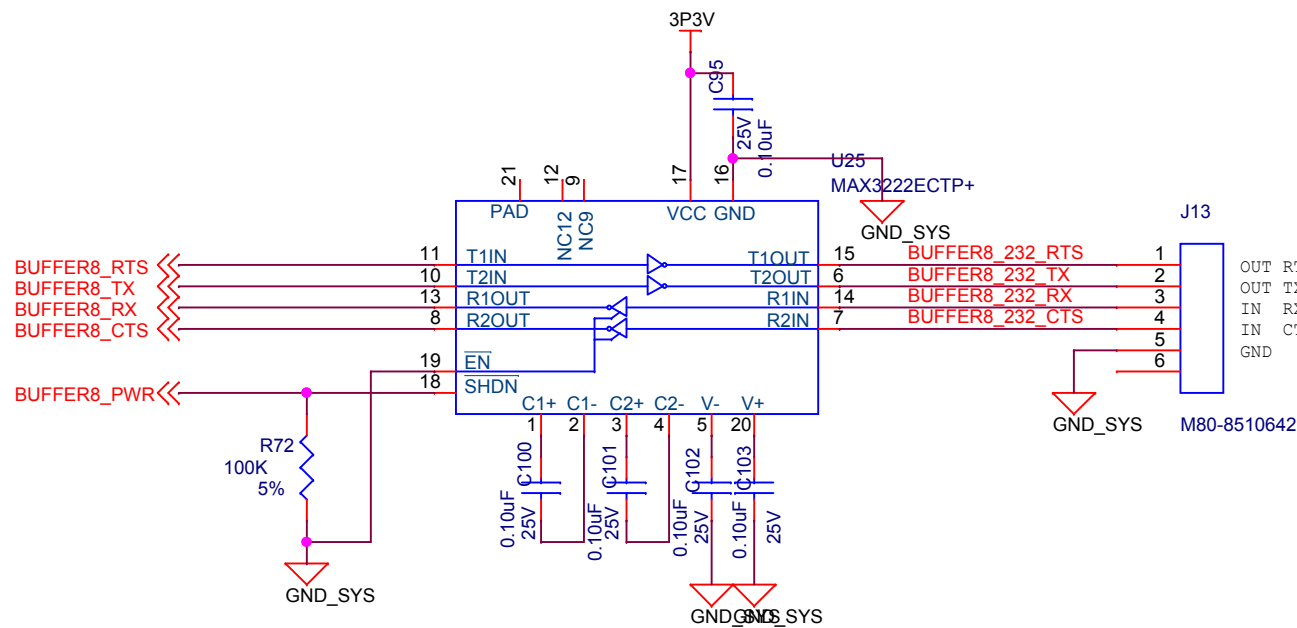
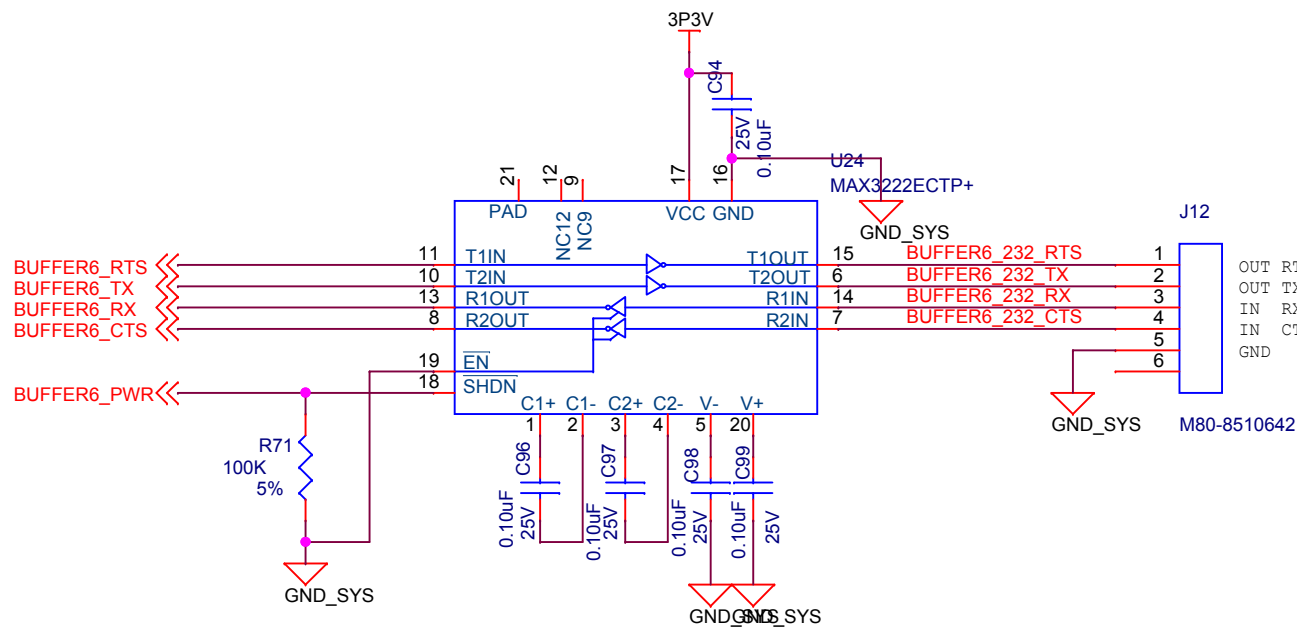
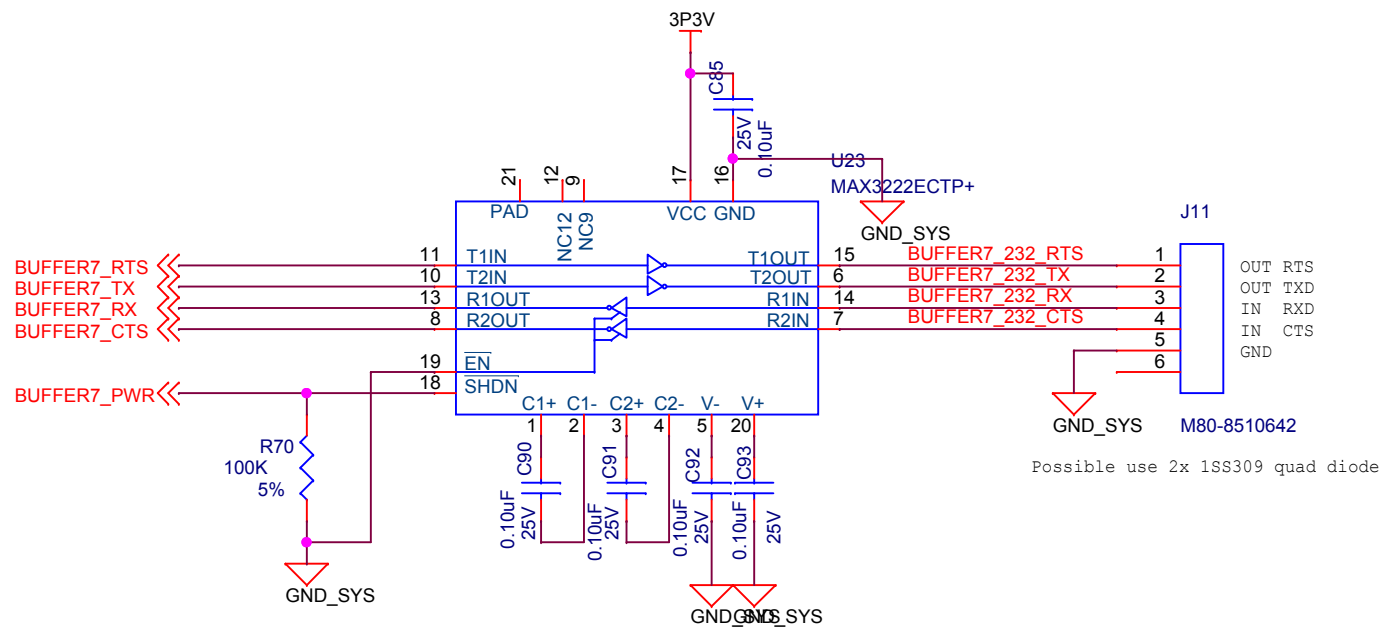
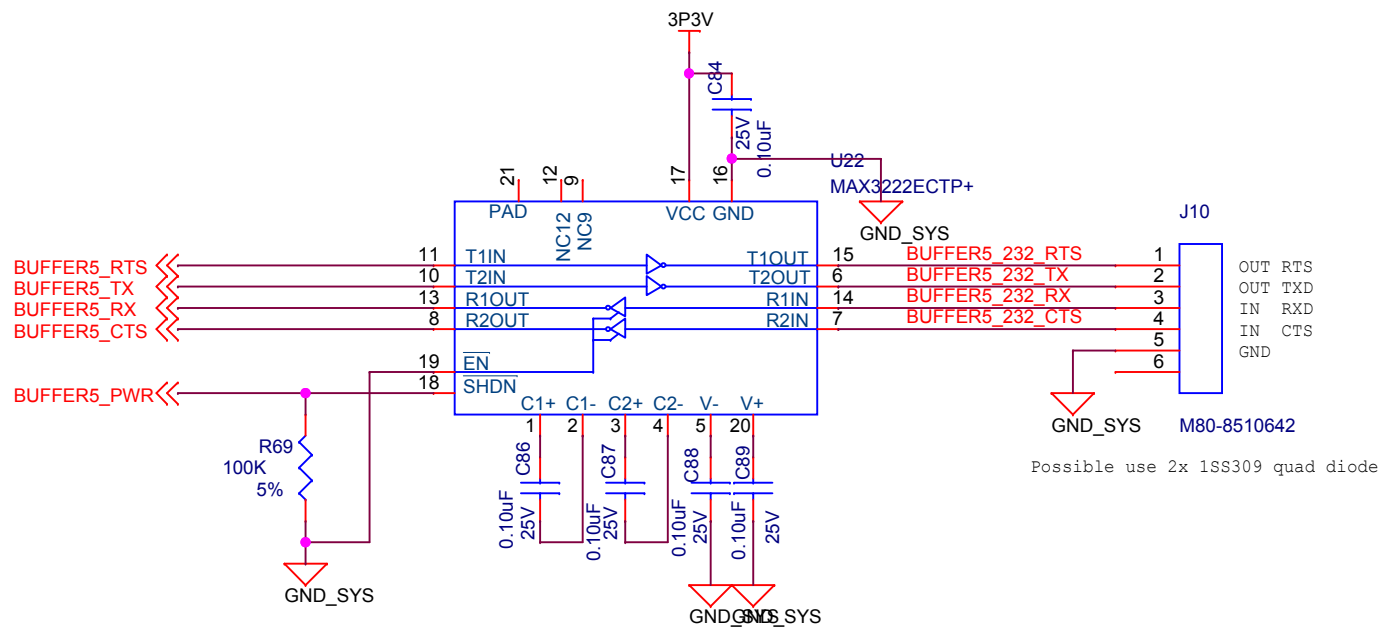
GND_SYS

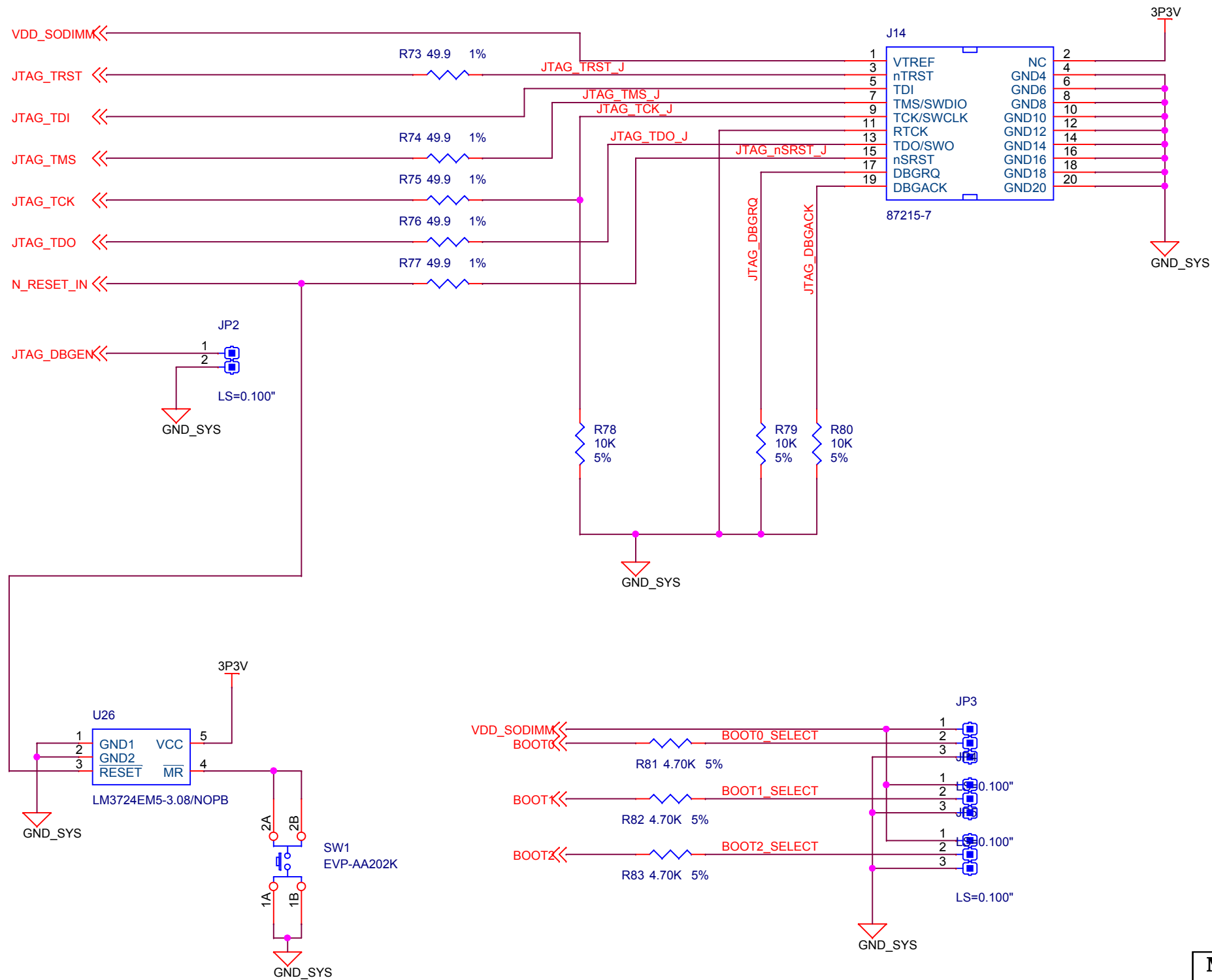


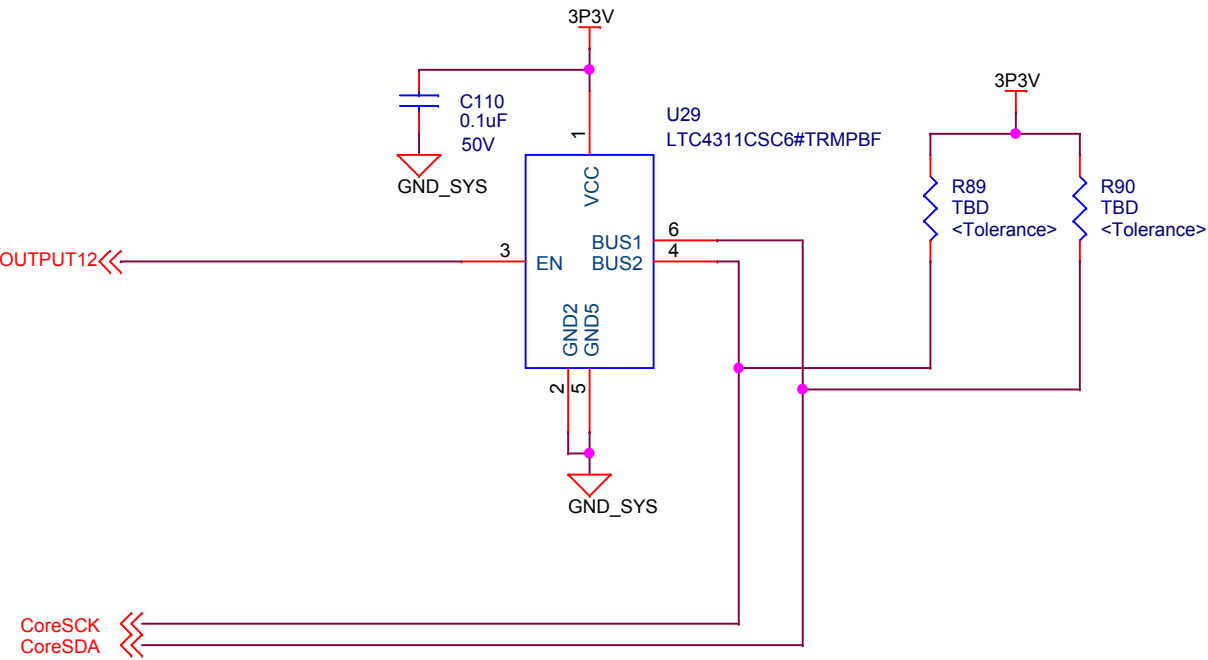
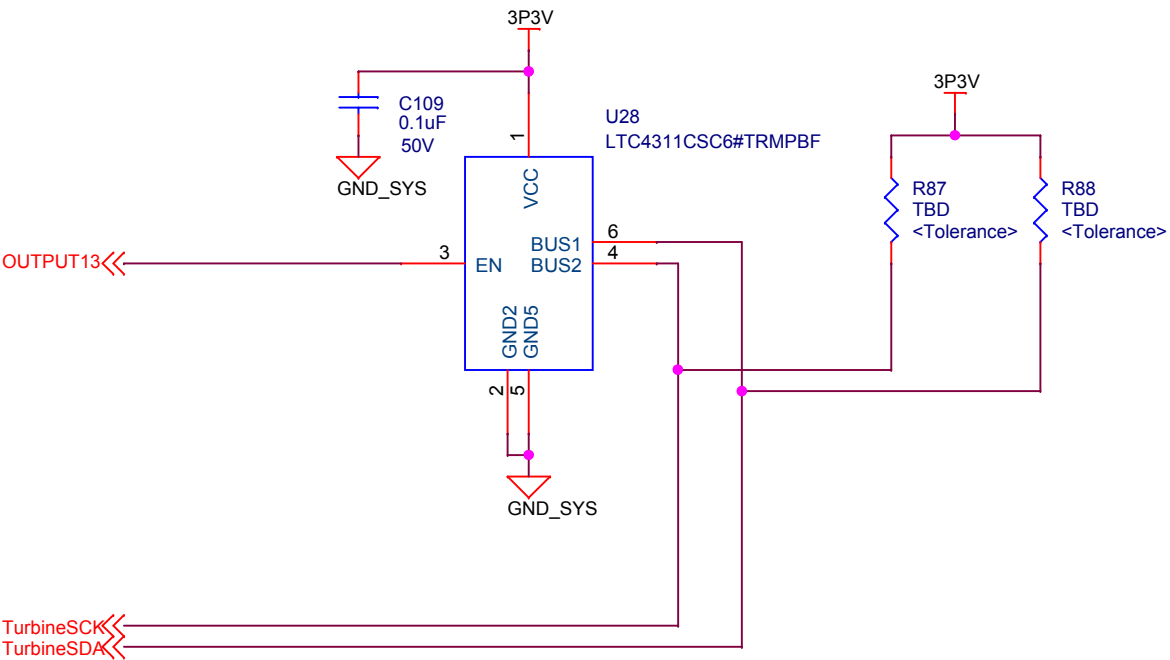
Channel 0 connected to platform isolated command port

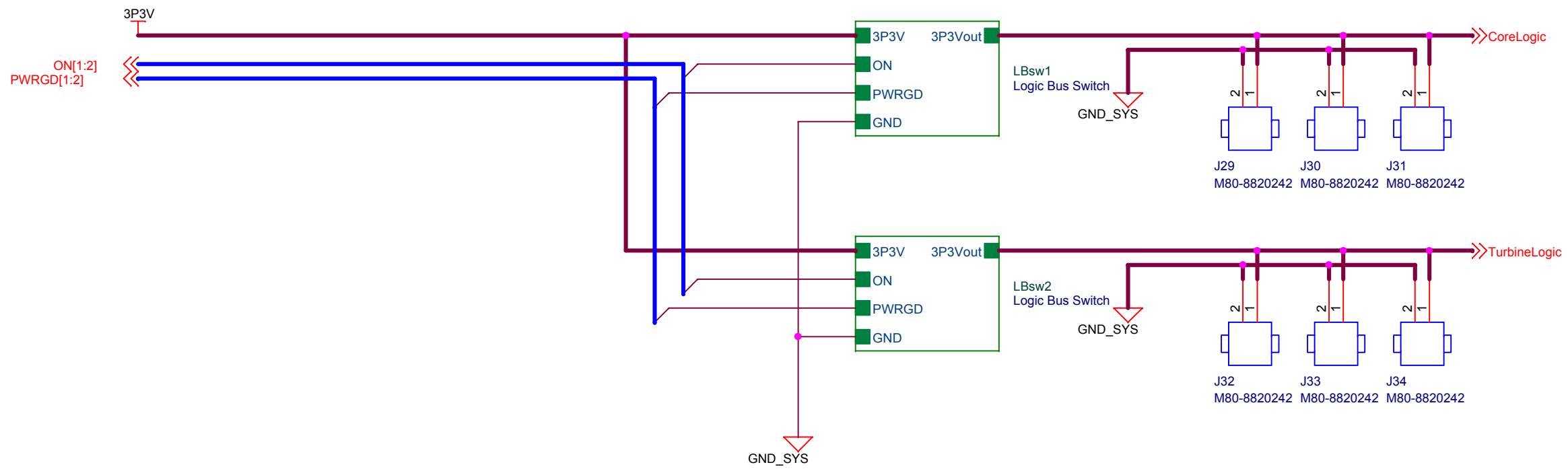
Channel 1 connected to STM command port

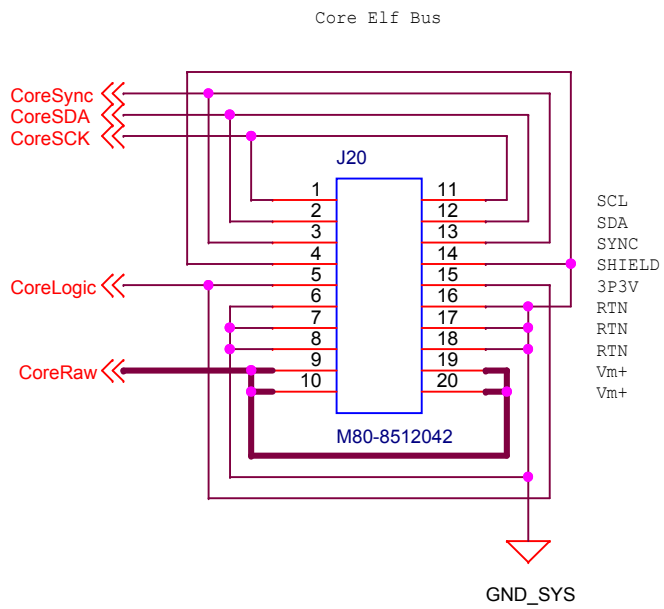
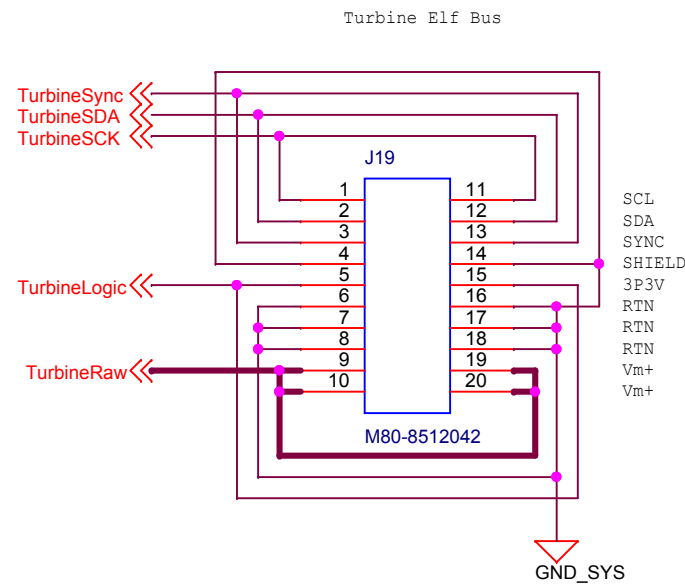




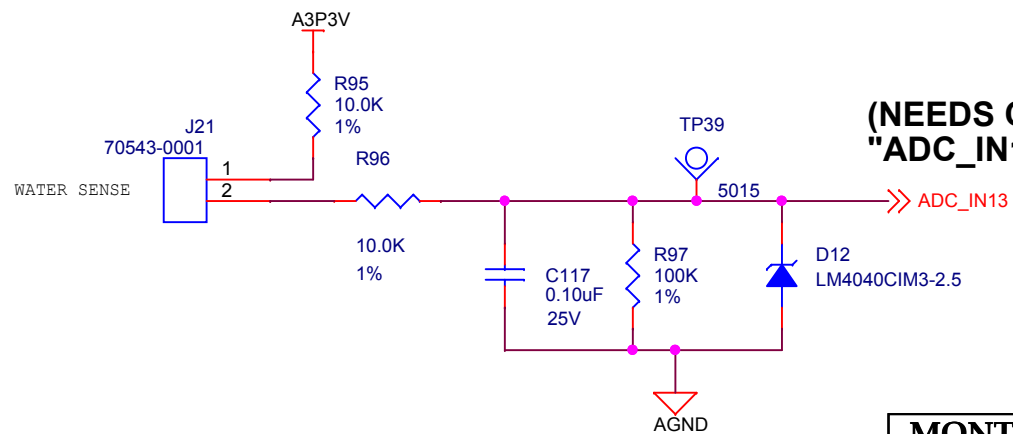
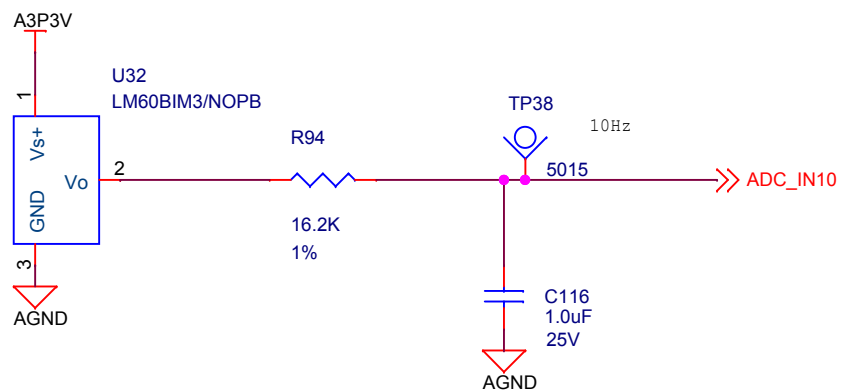
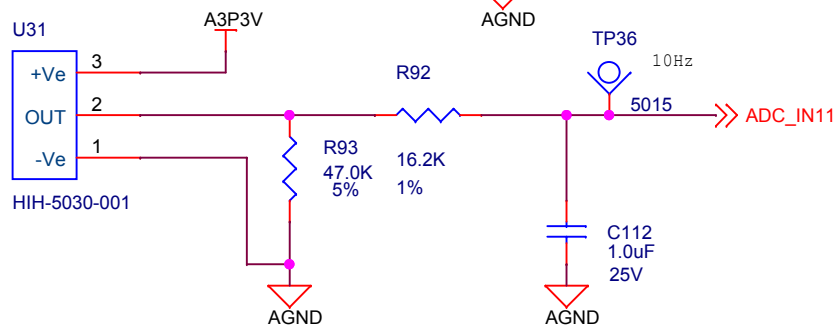
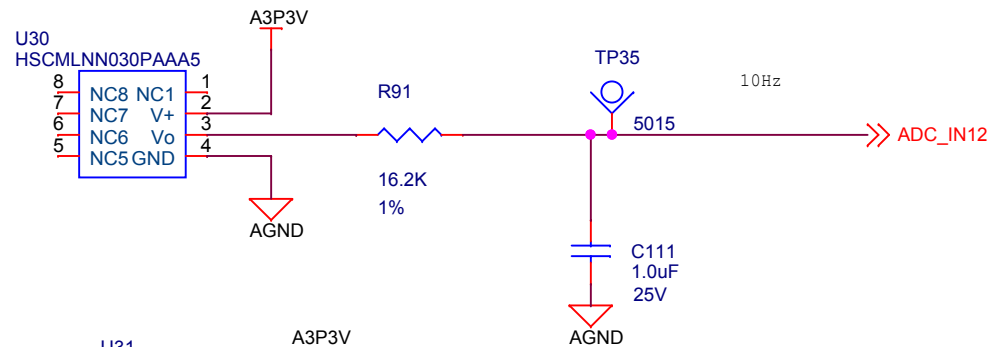
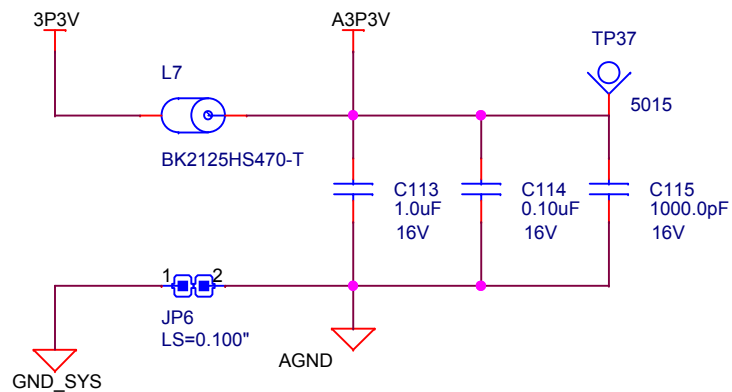




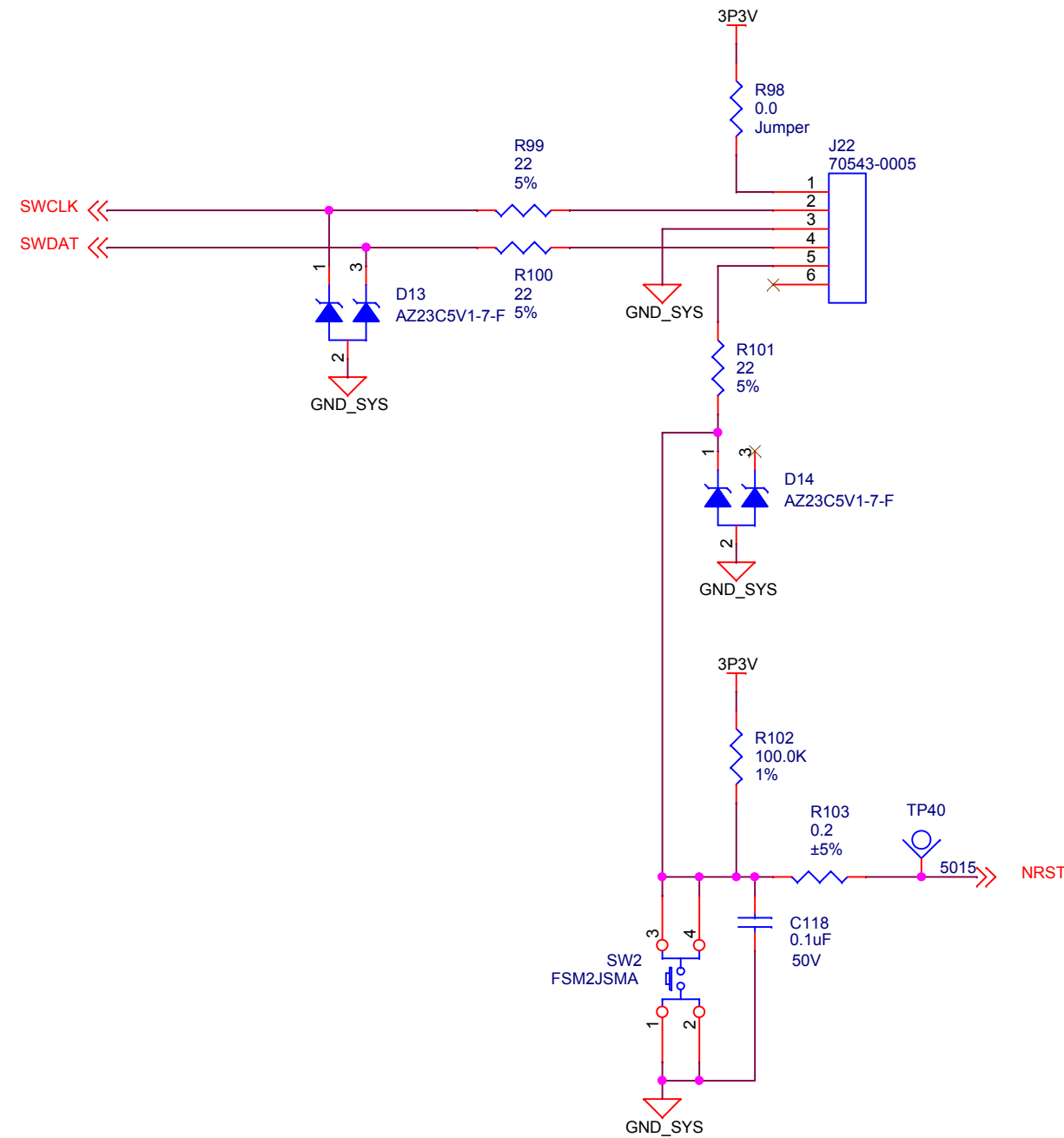




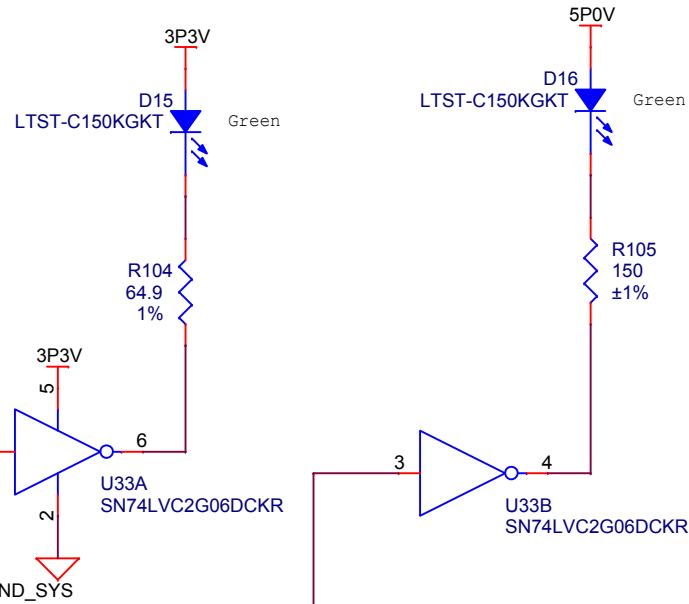
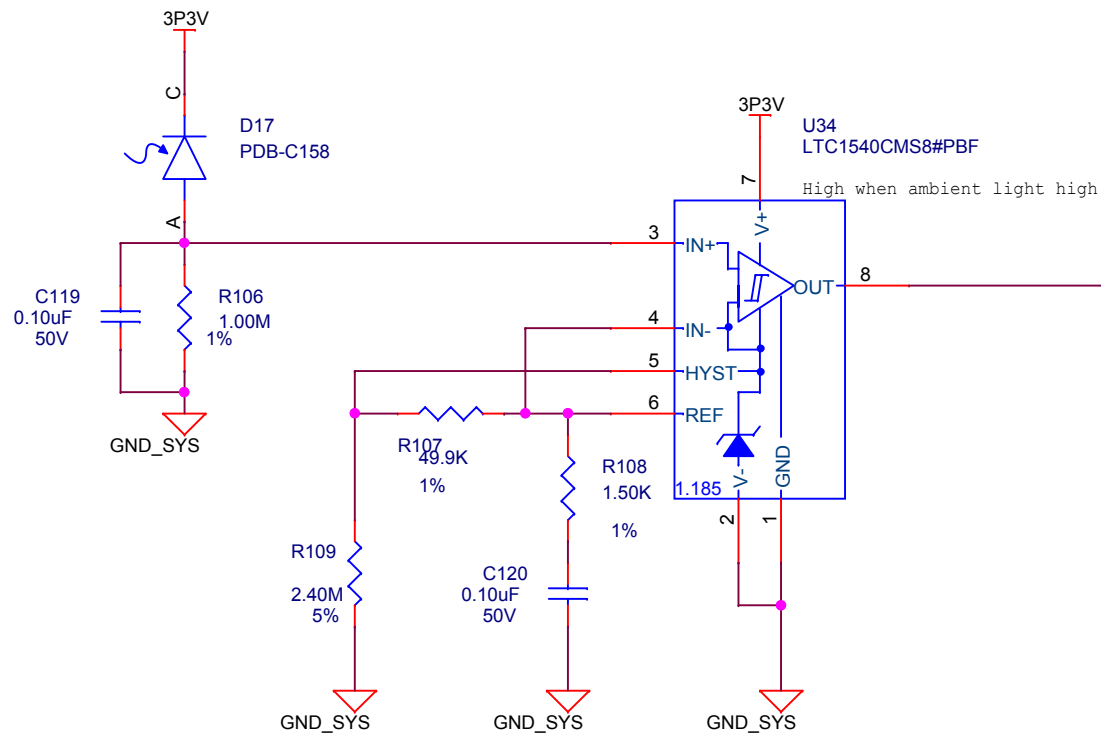
GND_SYS



**(NEEDS CONNECTION TO PROCESSOR!)
"ADC_IN13" DOES NOT EXIST**



Ambient Light Sensor



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Title ESP G3 Host Gateway Indicators				Number <Doc>	
Size B	Engineer SJensen		Path /		Filename hostgate.opj
	Date: Tuesday, April 19, 2016		Sheet 20 of 28		Rev 0.0.0