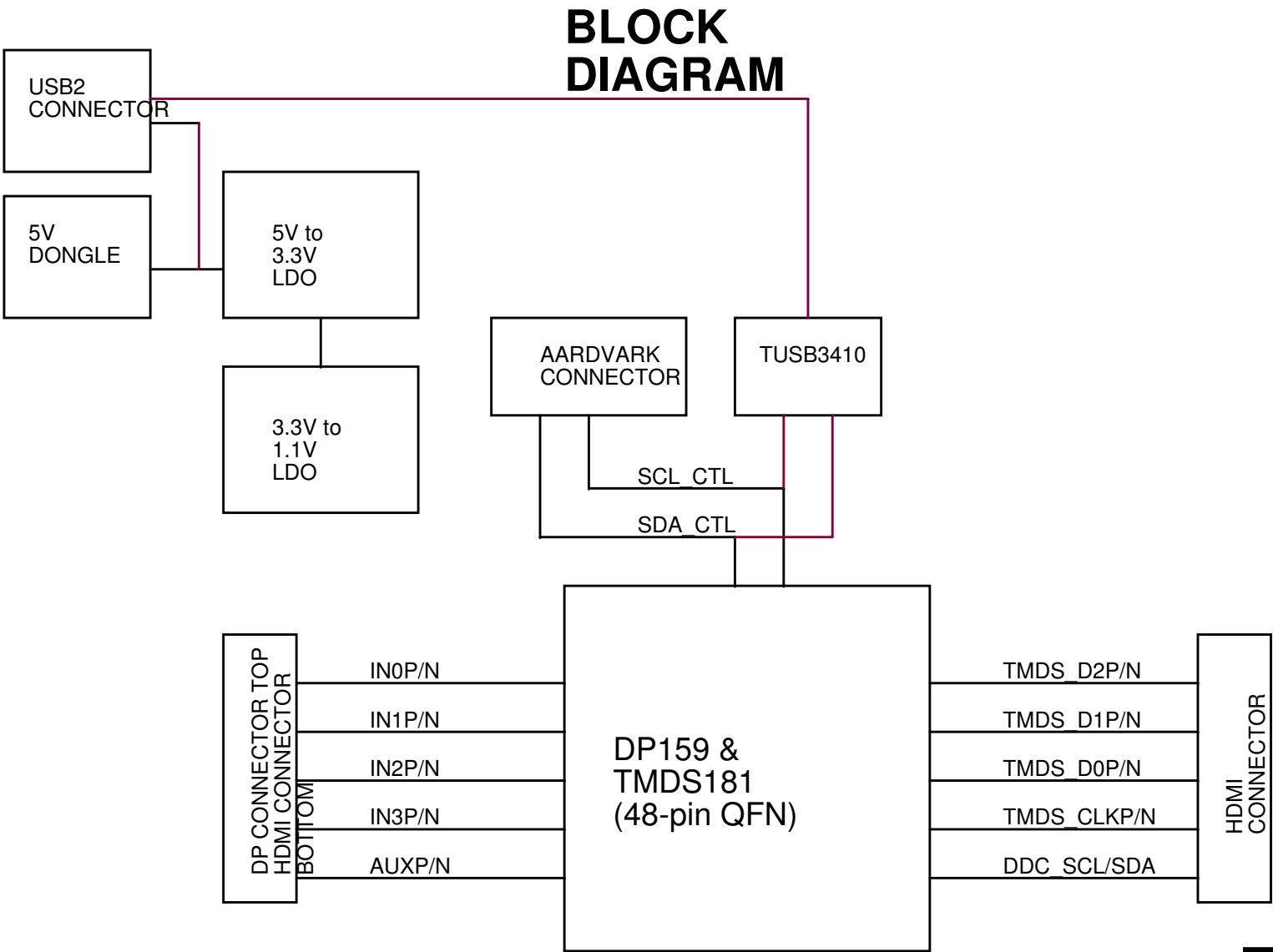

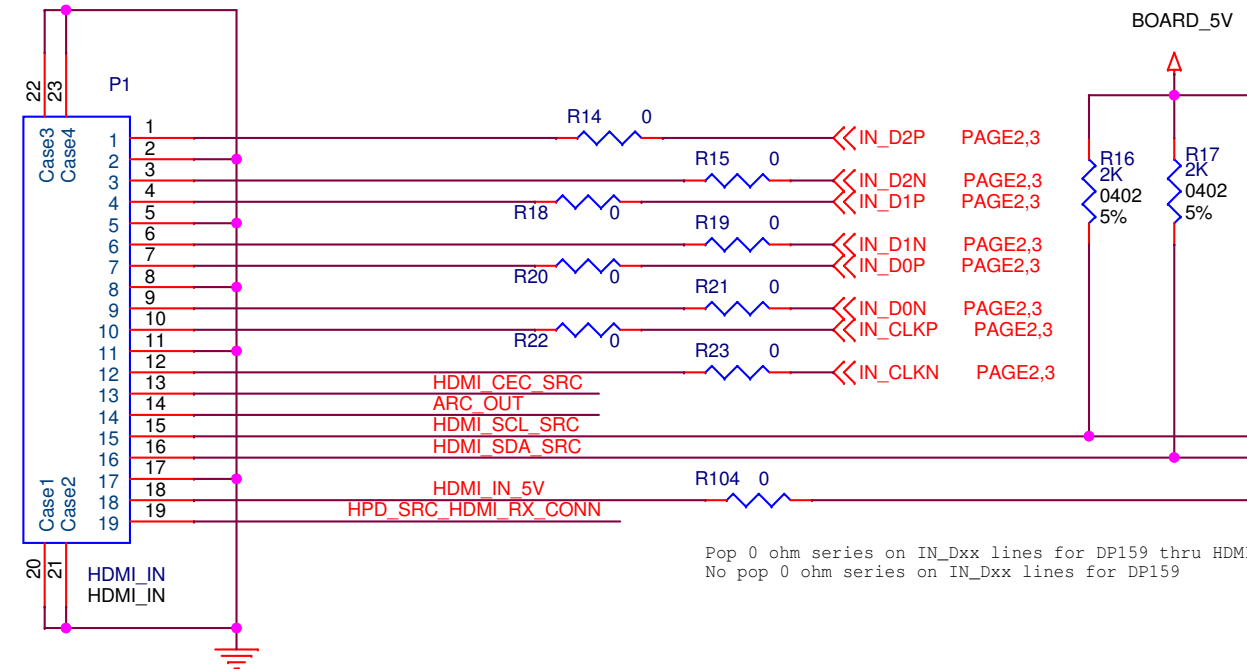


NOTES:

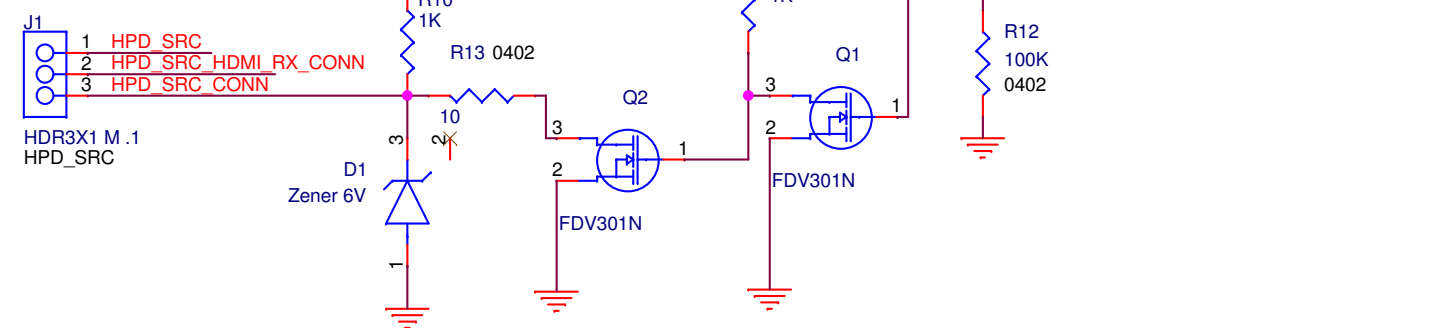
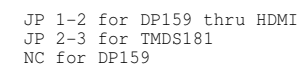
- 100-ohm differential impedance for HDMI and DP differential pairs.



 TEXAS INSTRUMENTS		
TMDS181_DP159_ESD224EVM_REVA		
SIZE A	DWG NO:	
SCALE: NONE	Wednesday, March 07, 2018	Sheet 1 of 8

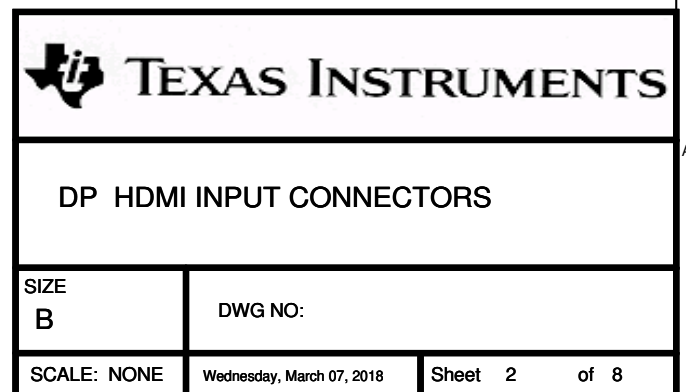
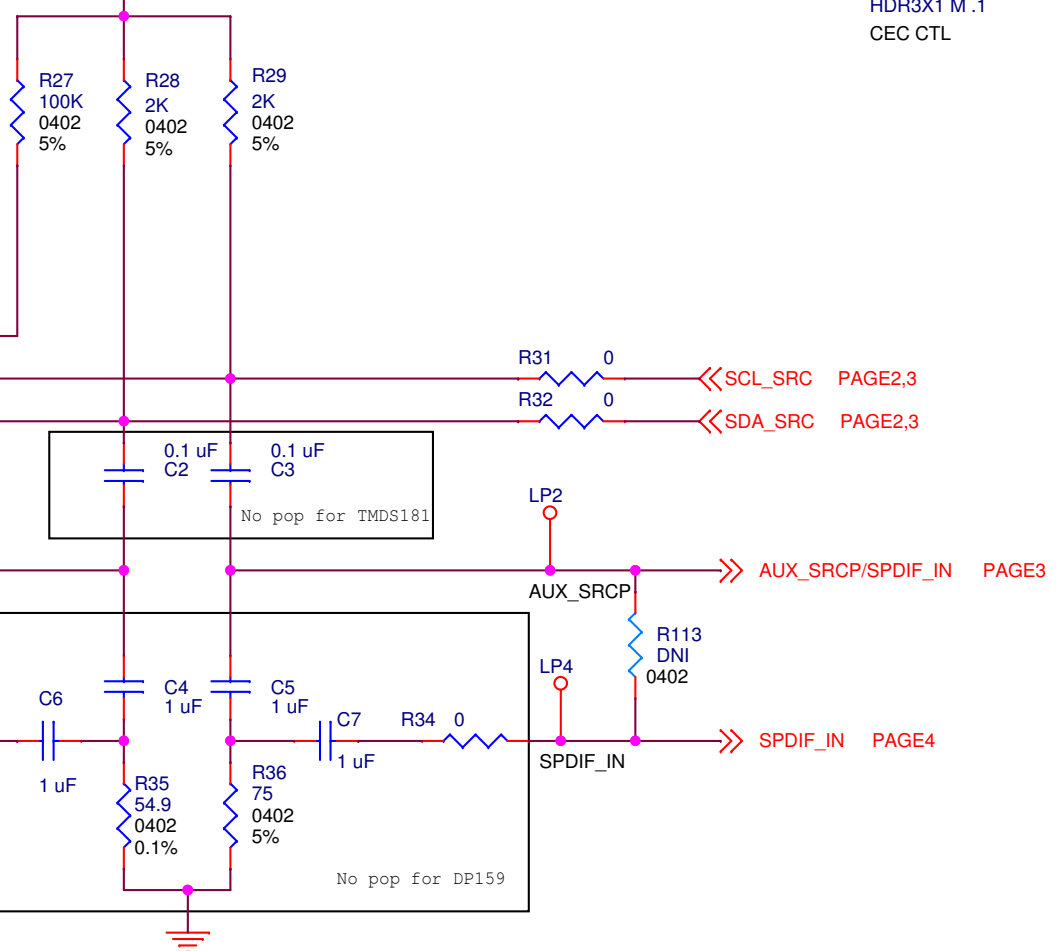
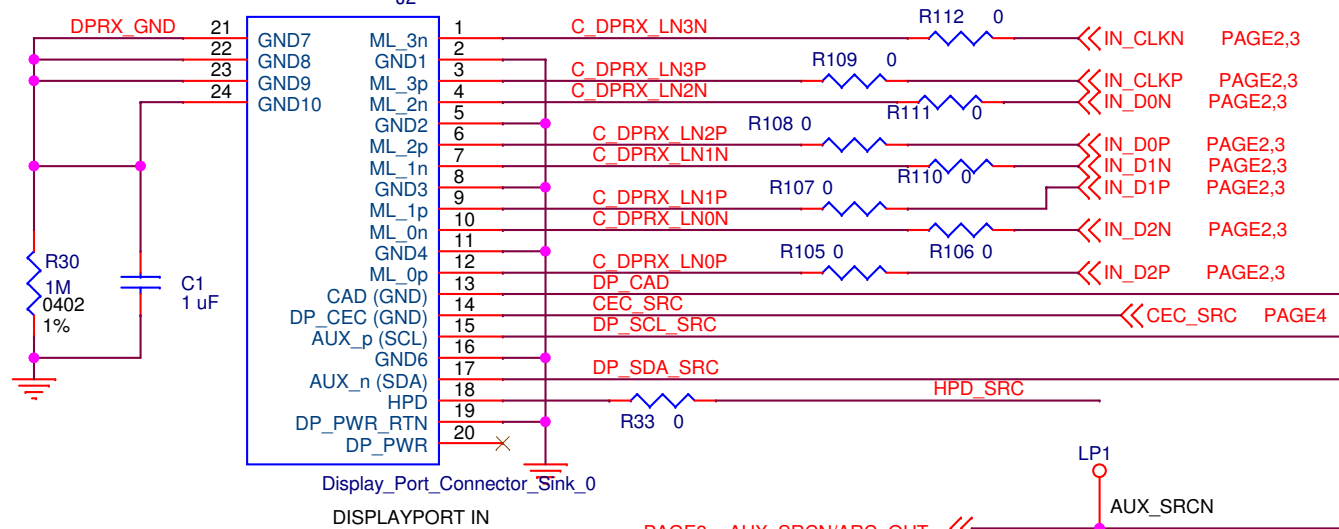
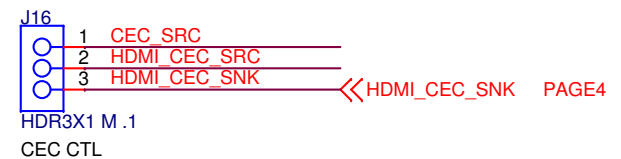


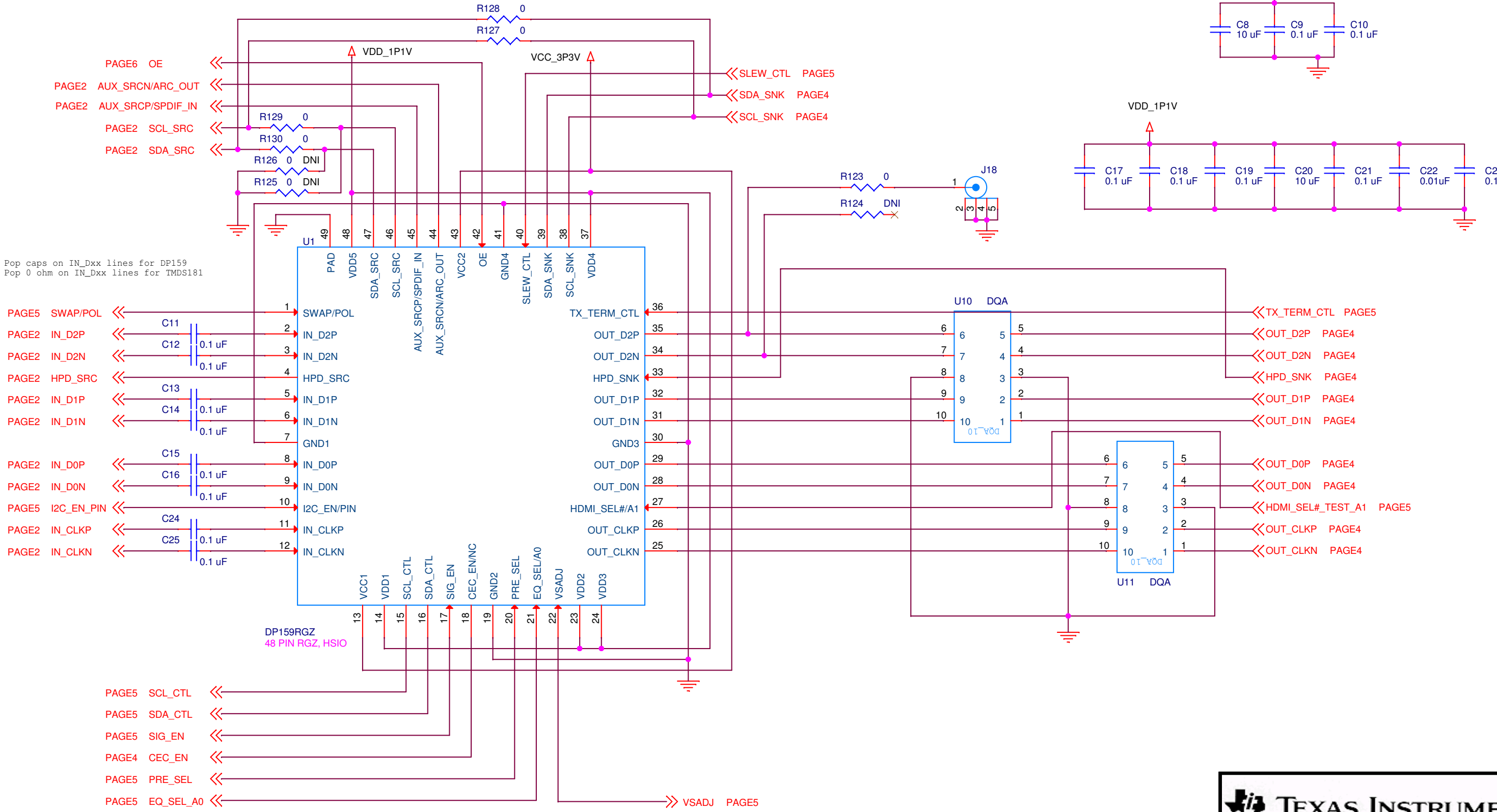
Pop 50 ohm pullups on IN_Dxx lines for DP159 thru HDMI
No pop 50 ohm pullups on IN_Dxx lines for DP159
No pop 50 ohm pullups on IN_Dxx lines for TMDS181




Pop 0 ohm series on IN_Dxx lines for DP159 thru HDMI, TMDS181
No pop 0 ohm series on IN_Dxx lines for DP159

JP 1-2 for DP159 thru HDMI
JP 2-3 for TMDS181
NC for DP159

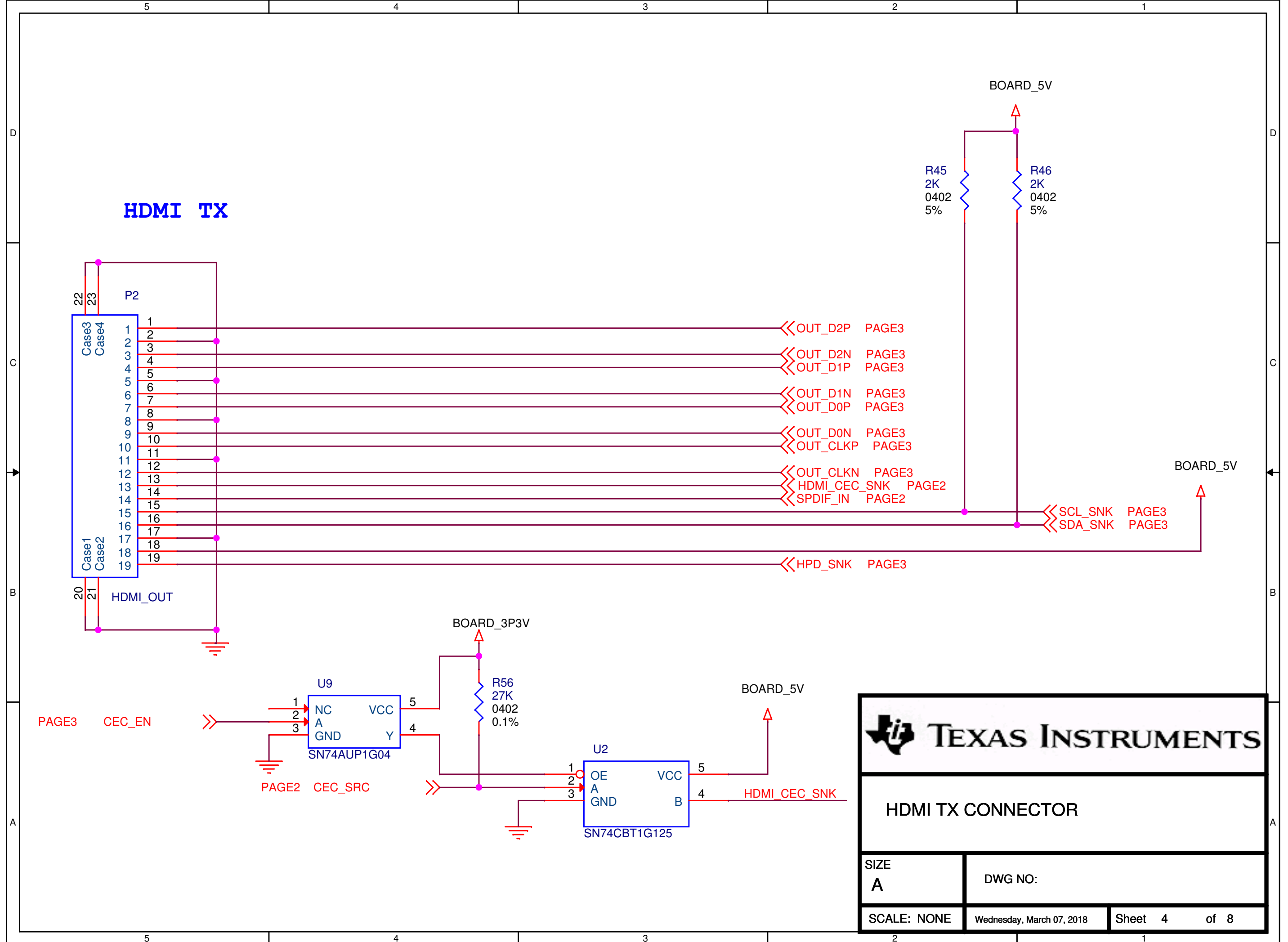


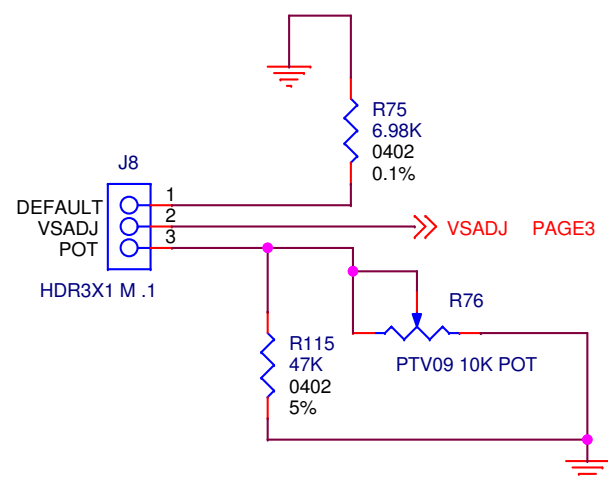
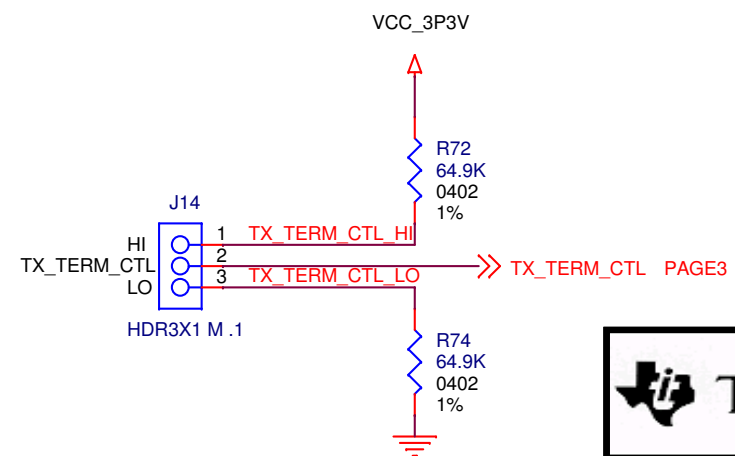
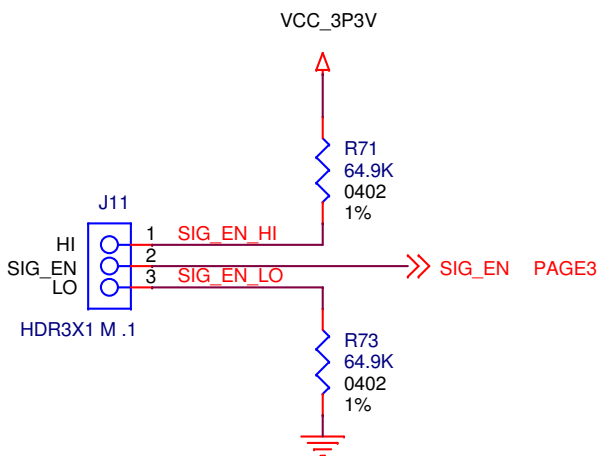
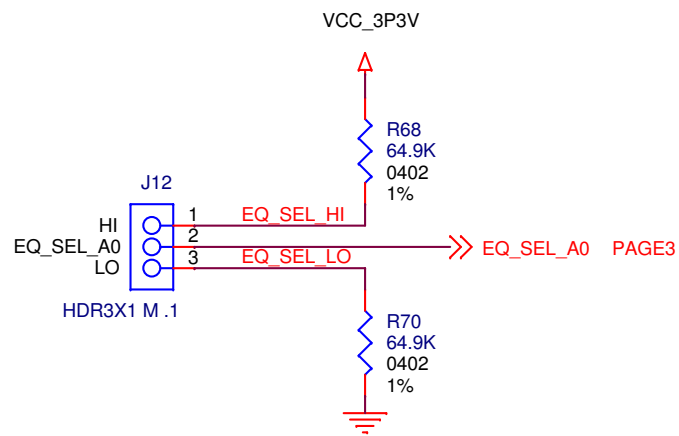
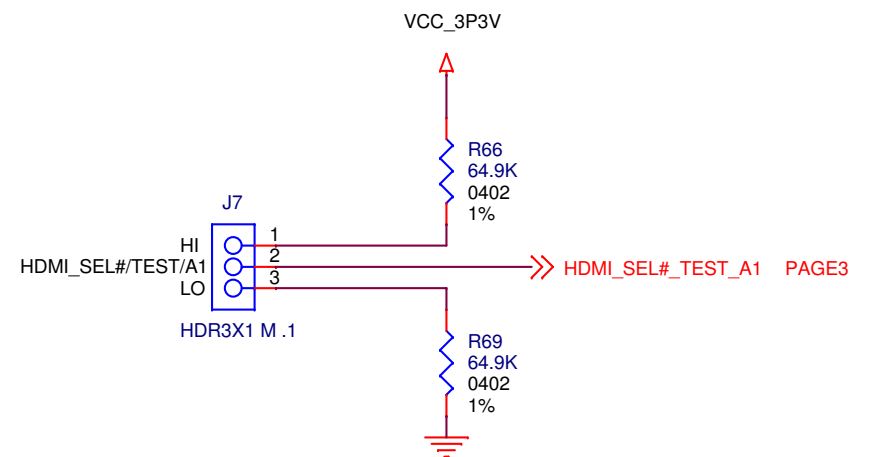
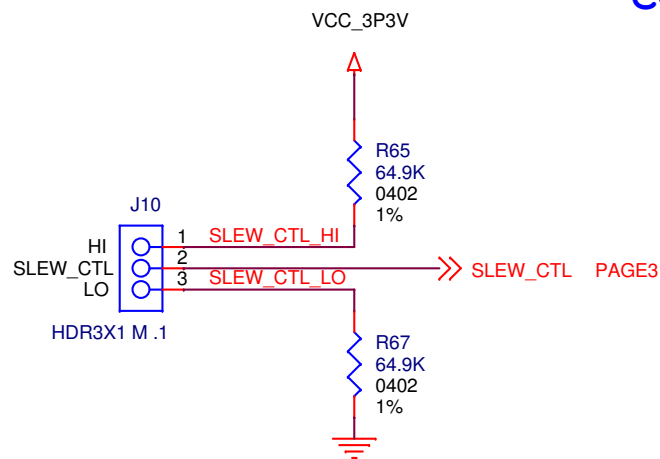
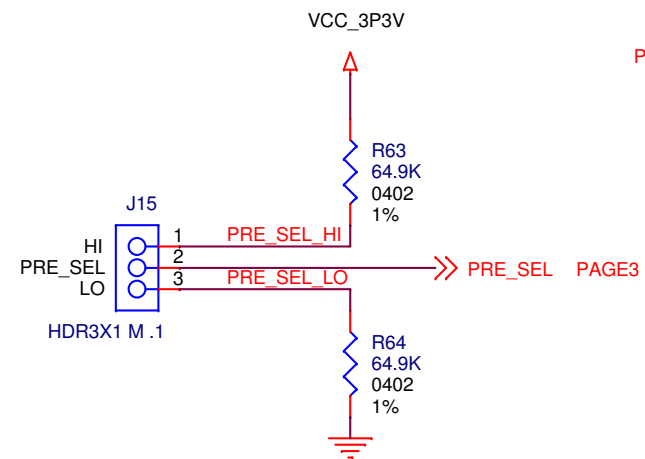
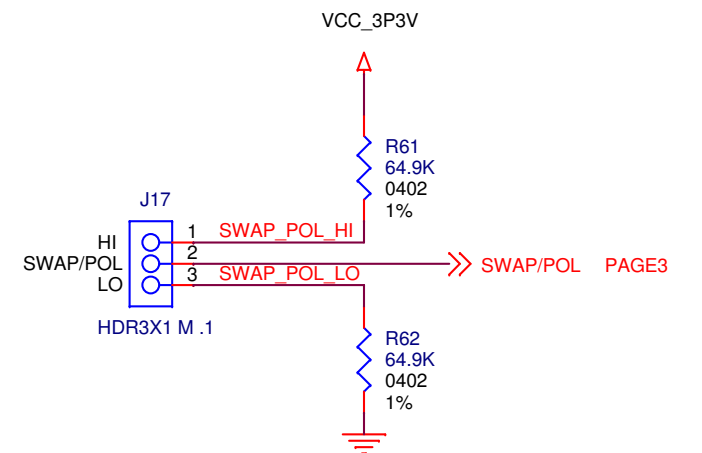
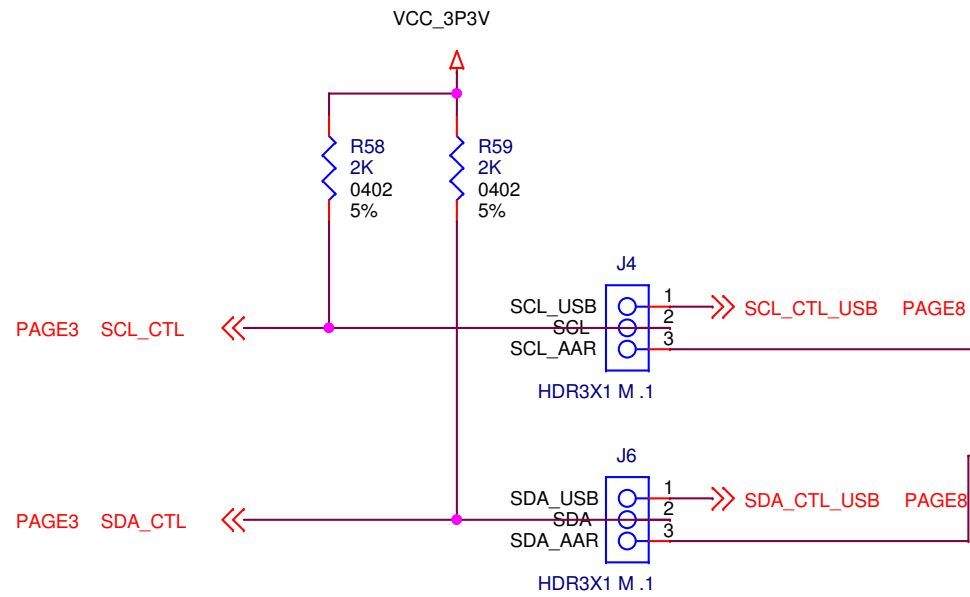
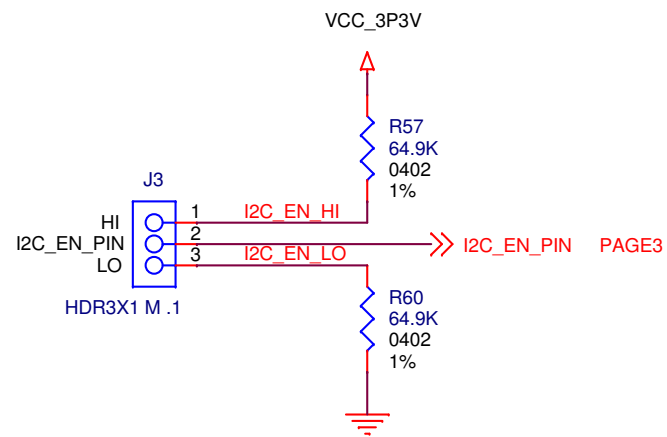


 **TEXAS INSTRUMENTS**

DP159 RGZ (48-pin QFN)


SIZE B	DWG NO:	
SCALE: NONE	Thursday, March 22, 2018	Sheet 3 of 8





AARDVARK CONNECTOR

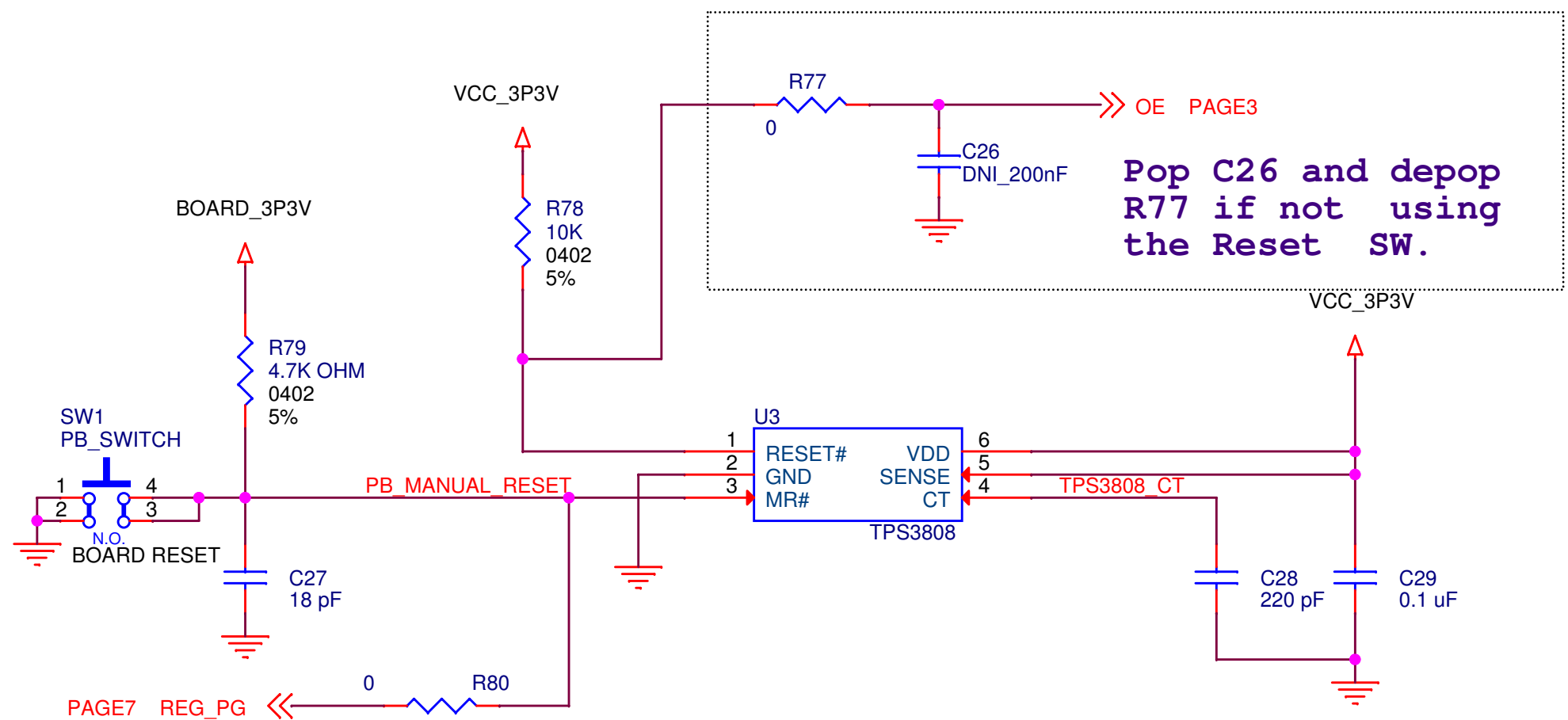
Three place switches - hi, lo, no connect
Sampled at POR

 **TEXAS INSTRUMENTS**

SELECT OPTIONS

SIZE B	DWG NO:
SCALE: NONE	Wednesday, March 07, 2018
Sheet 5	of 8

RESET CIRCUIT



RESET

SIZE

A

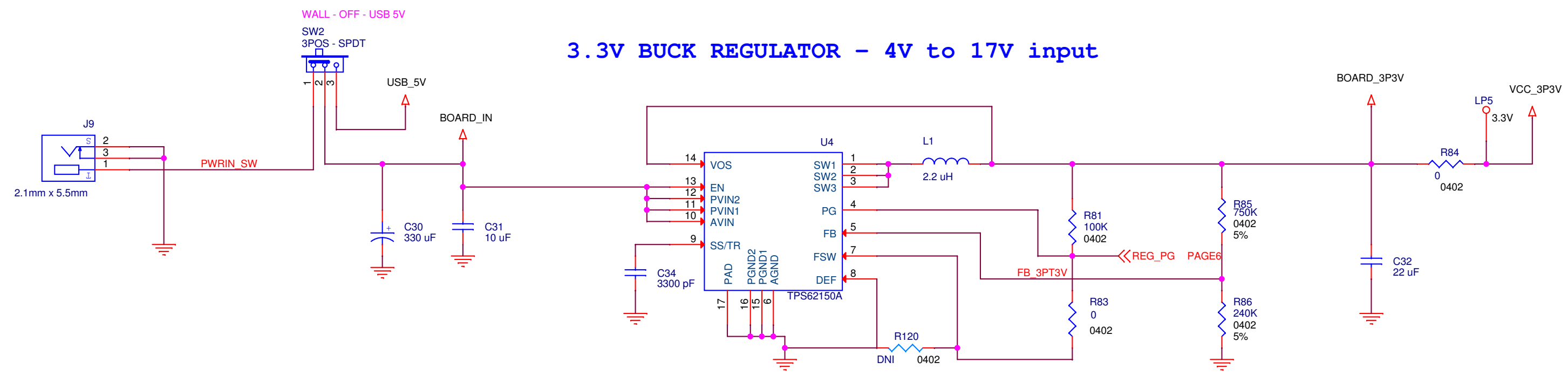
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SCALE: NONE

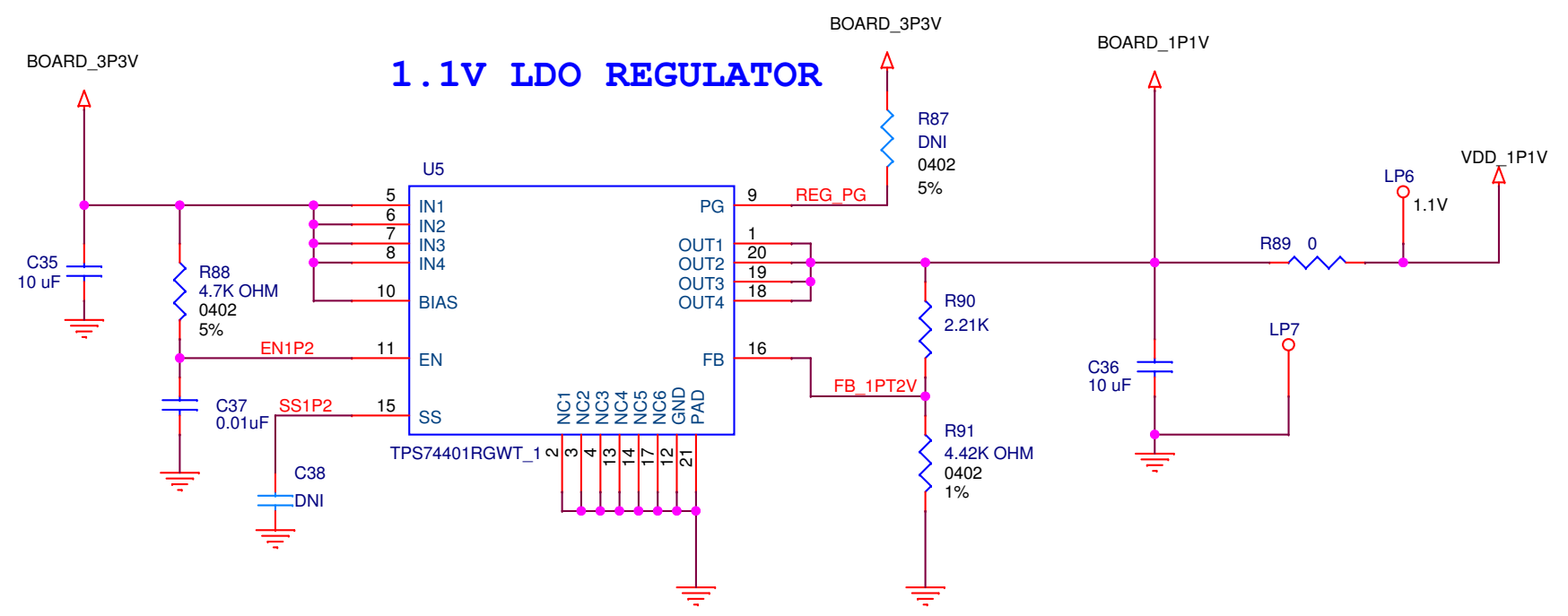
Wednesday, March 07, 2018

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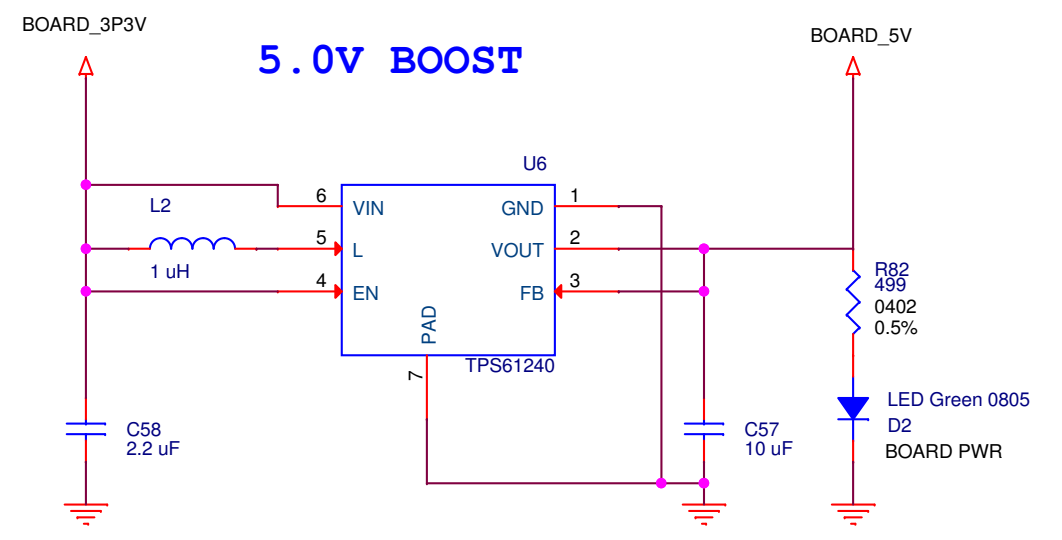
3.3V BUCK REGULATOR - 4V to 17V input




1.1V LDO REGULATOR



5.0V BOOST



 **TEXAS INSTRUMENTS**

1.1V AND 3.3V REGULATORS

SIZE B	DWG NO:		
SCALE: NONE	Wednesday, March 07, 2018	Sheet 7	of 8

