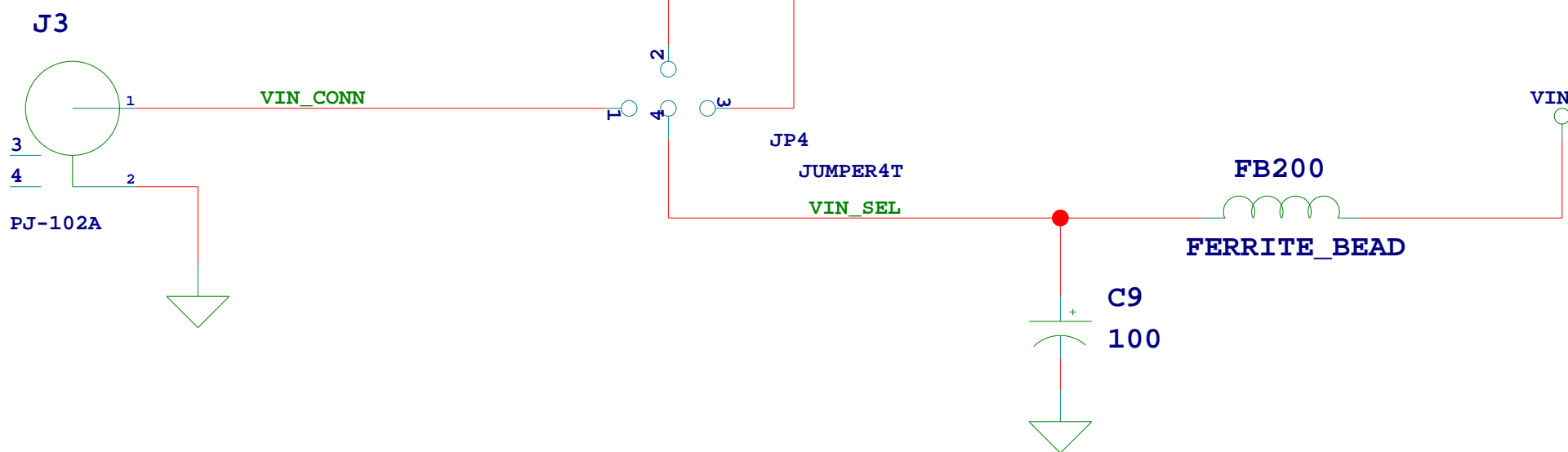
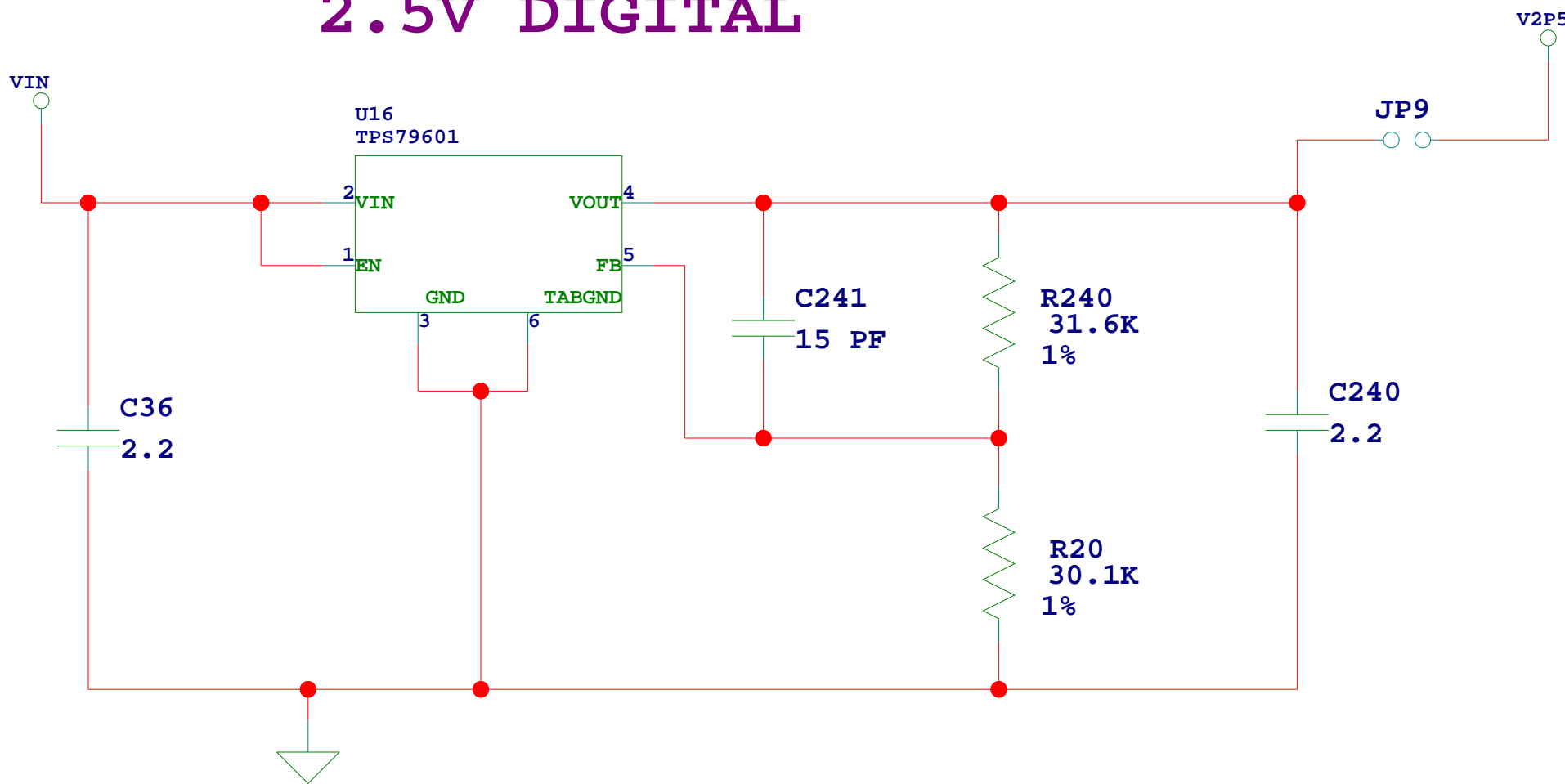


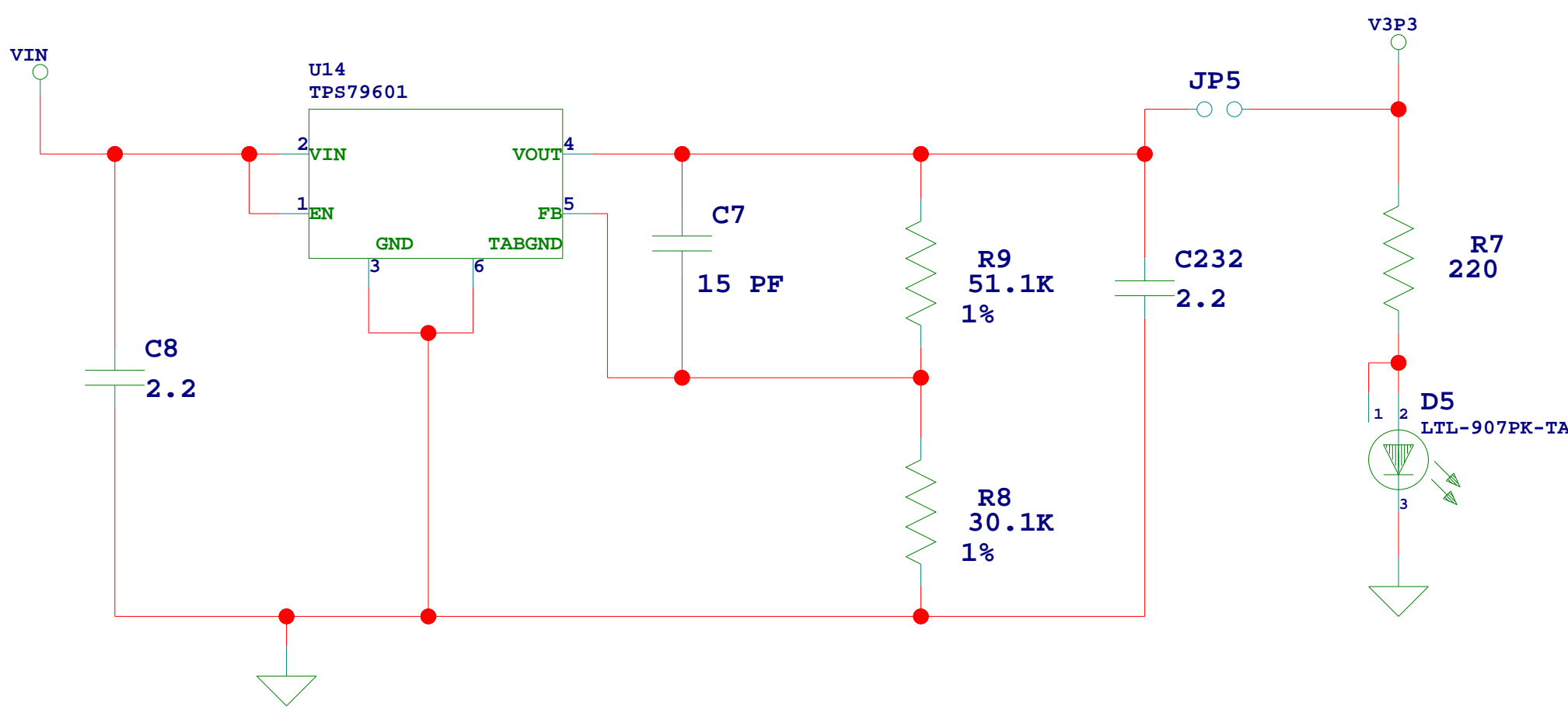
+5.0V DC IN



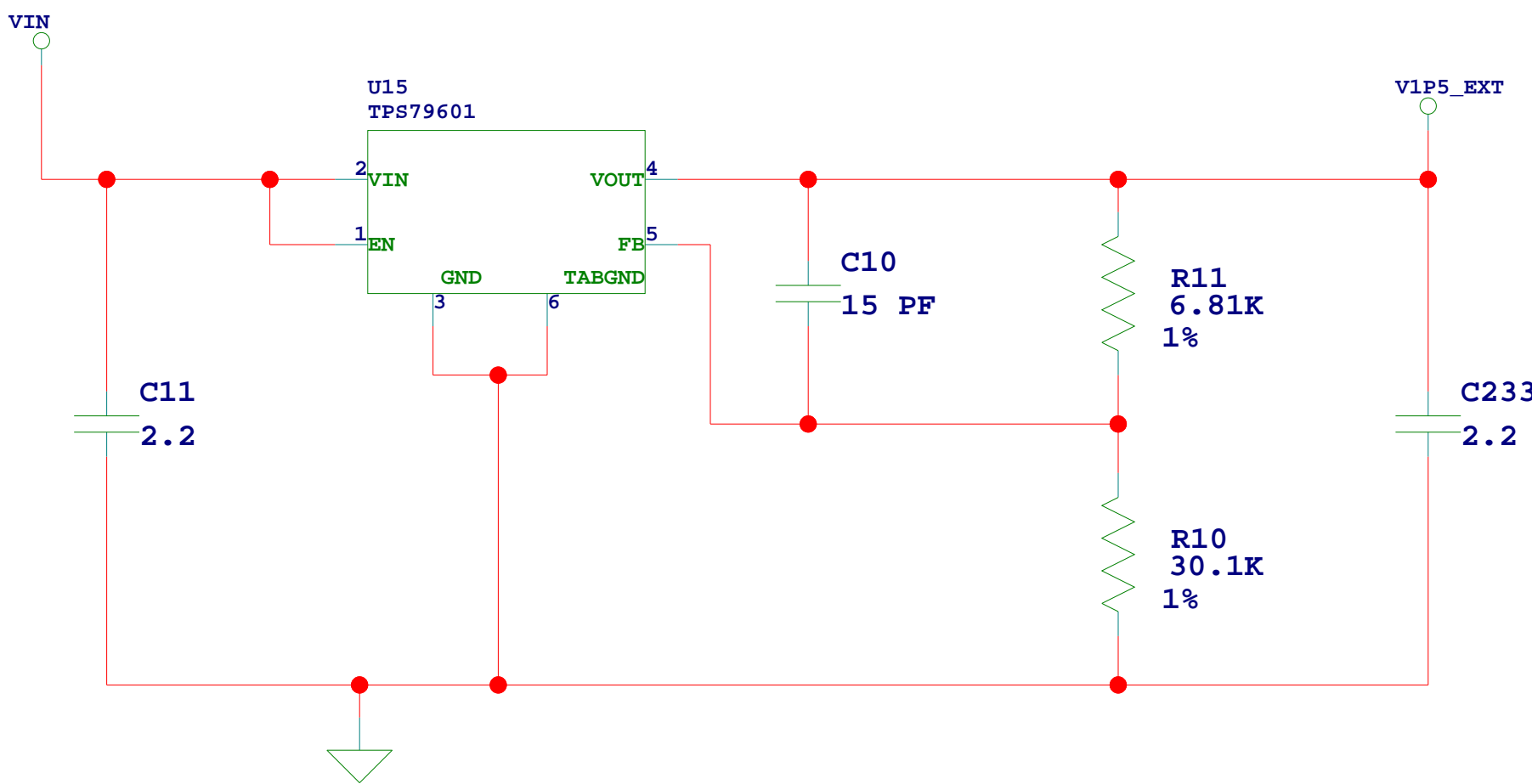
2.5V DIGITAL



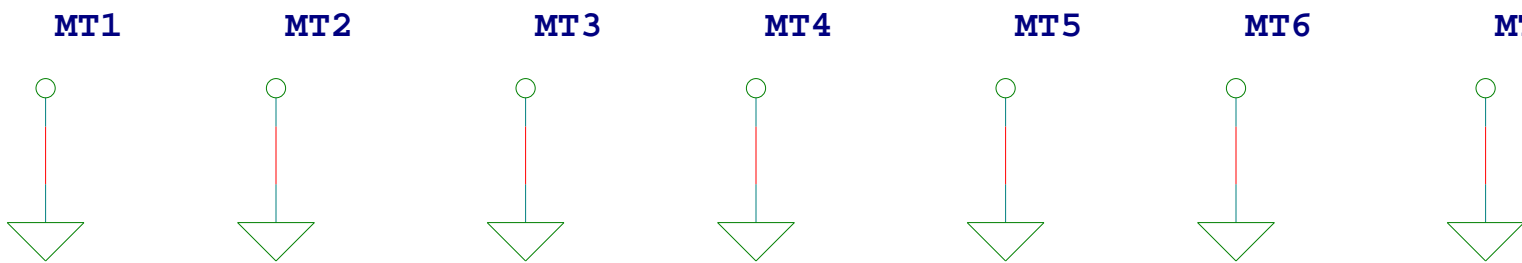
3.3V DIGITAL & ANALOG



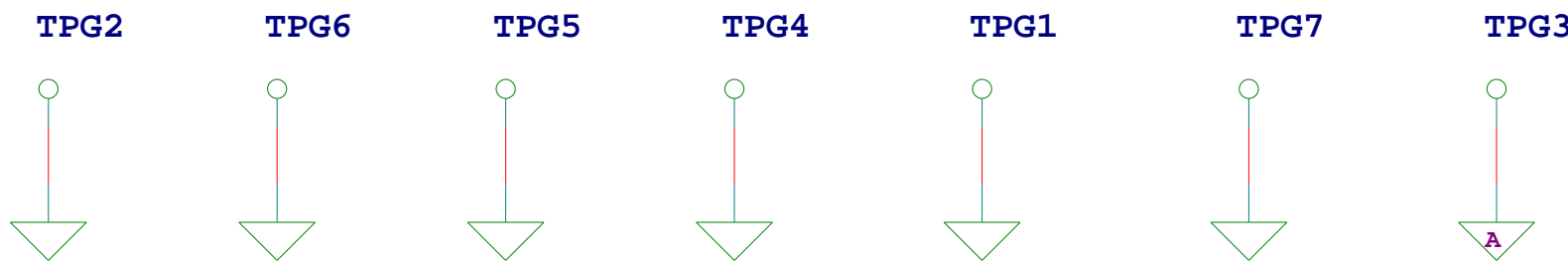
1.5V EXT



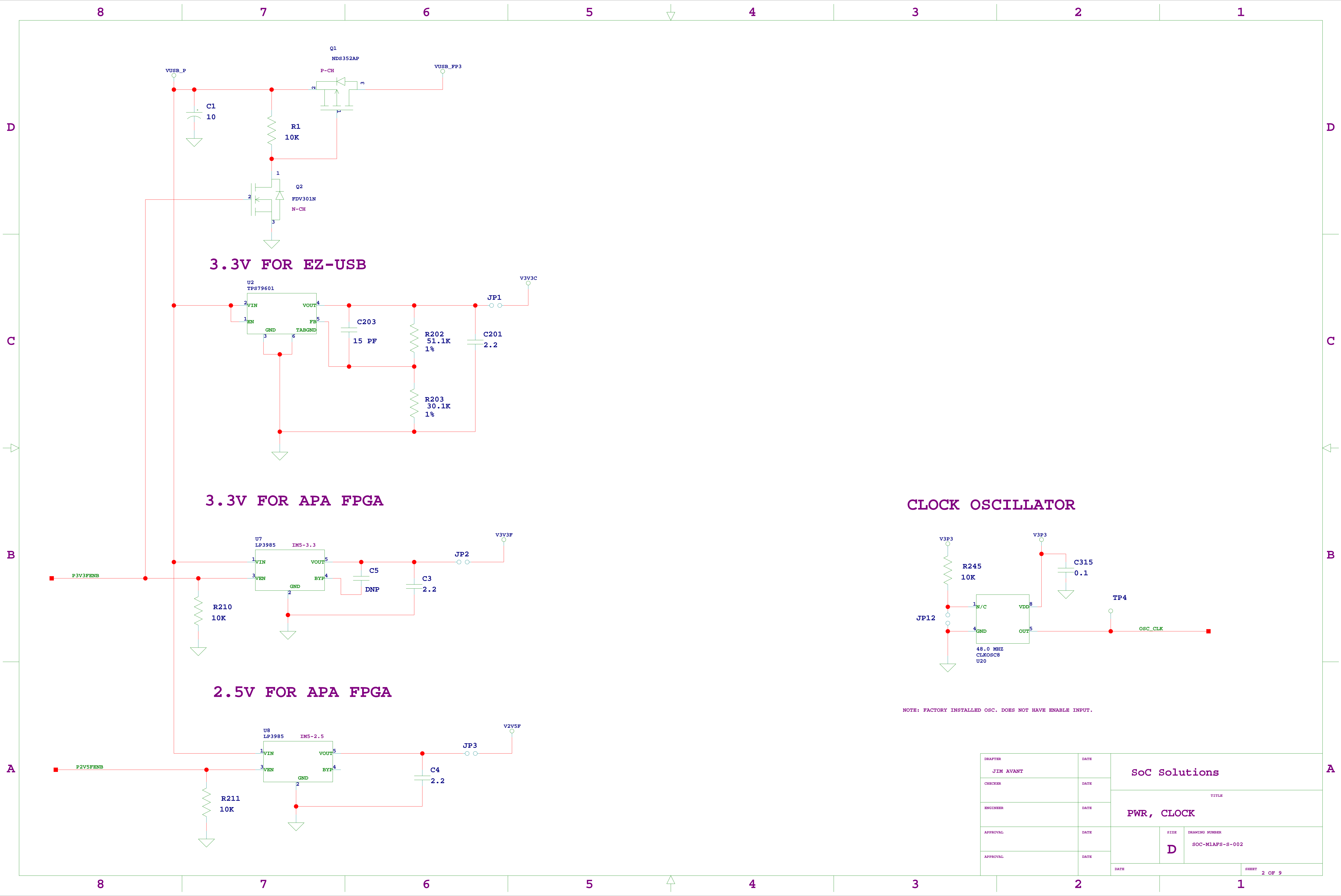
MOUNTING HOLES



GROUND TESTPOINTS



DRAFTER	DATE	SoC Solutions		
JIM AVANT	DATE			
CHECKER	DATE	TITLE		
ENGINEER	DATE	POWER SUPPLIES		
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D

C

B

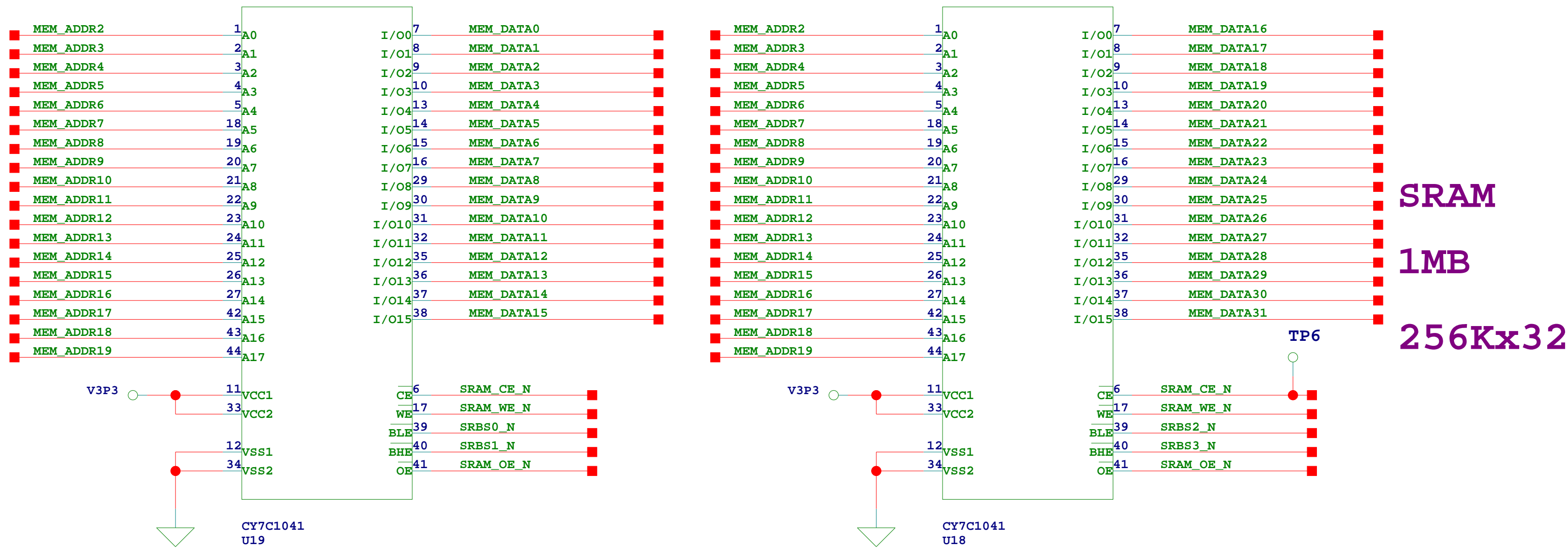
A

D

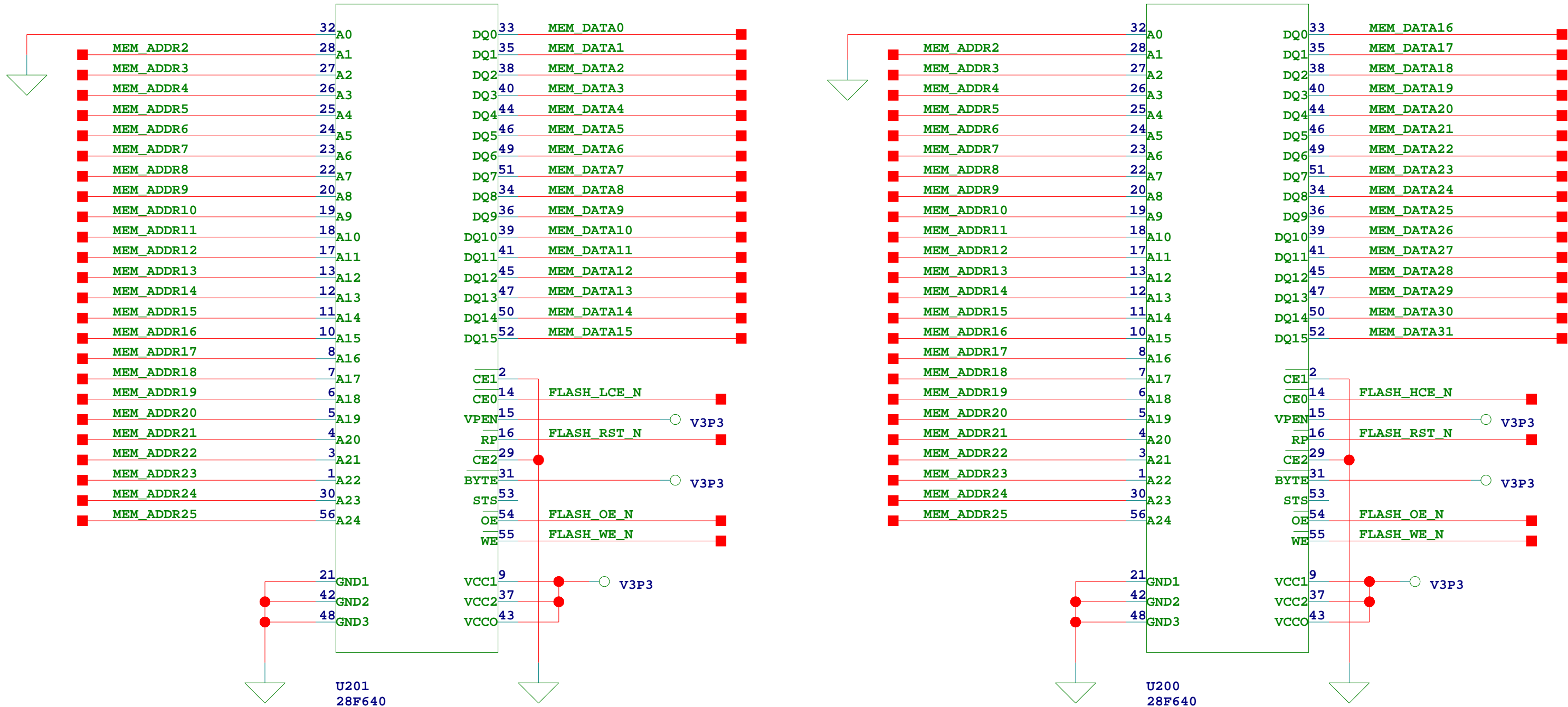
C

B

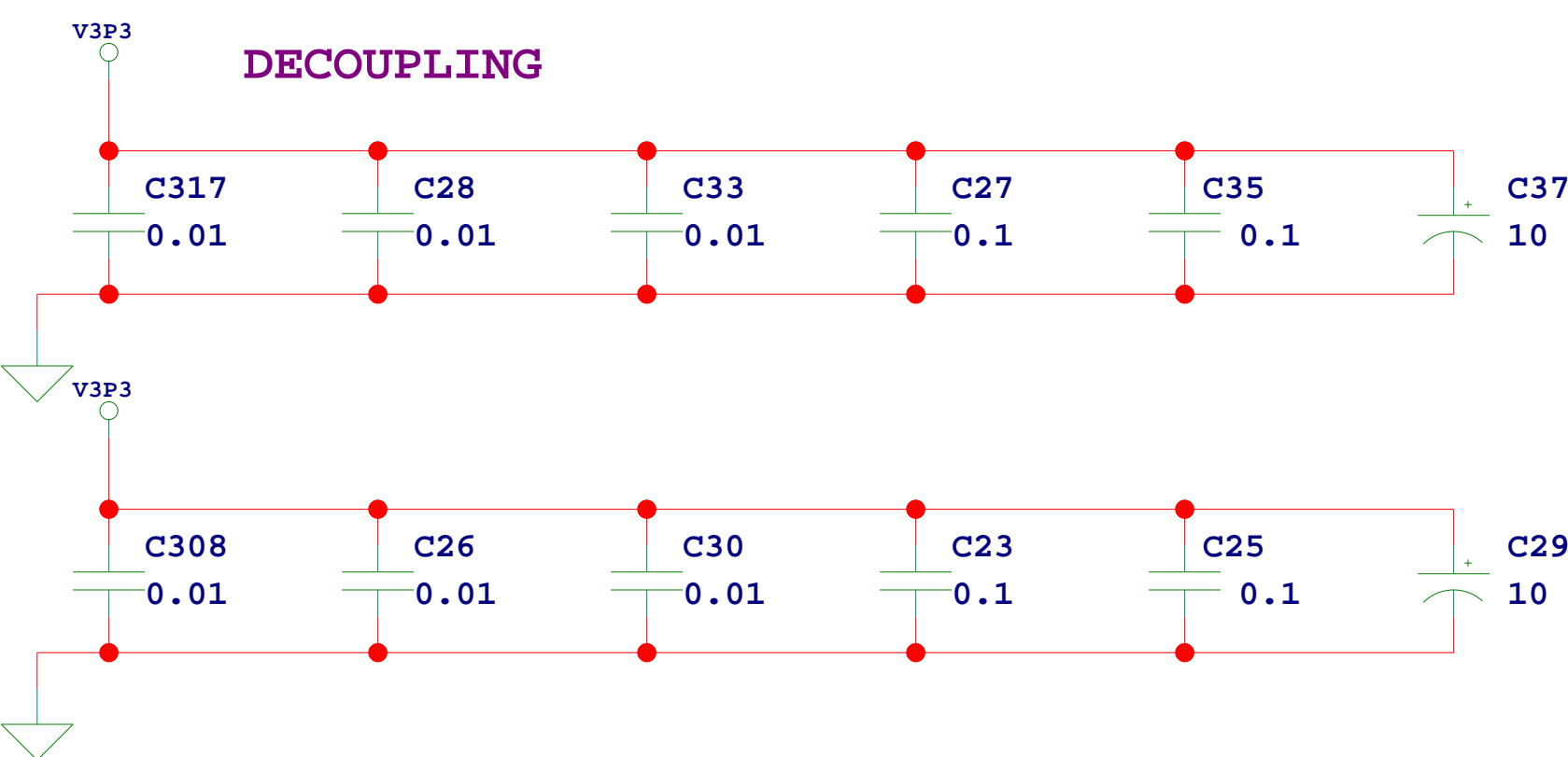
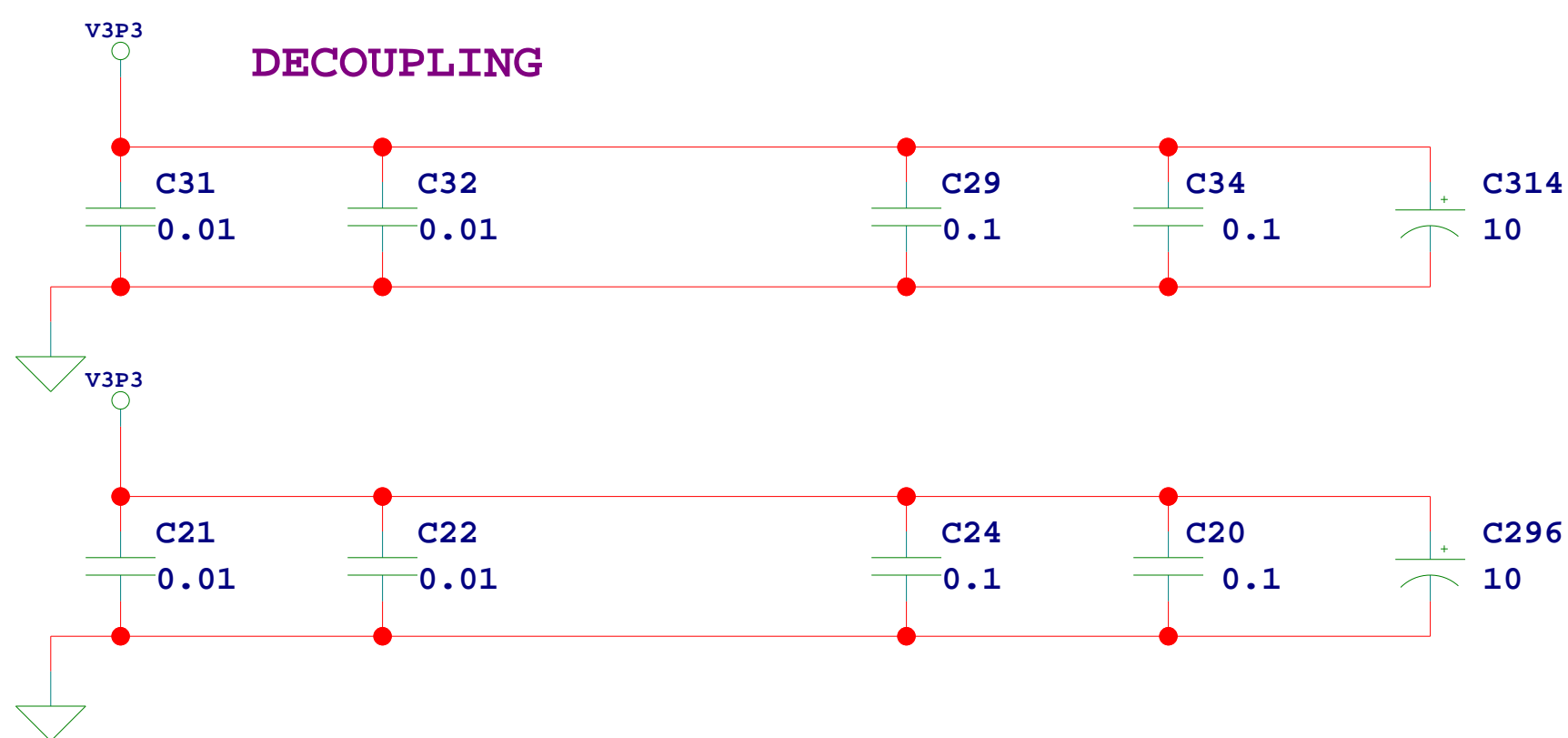
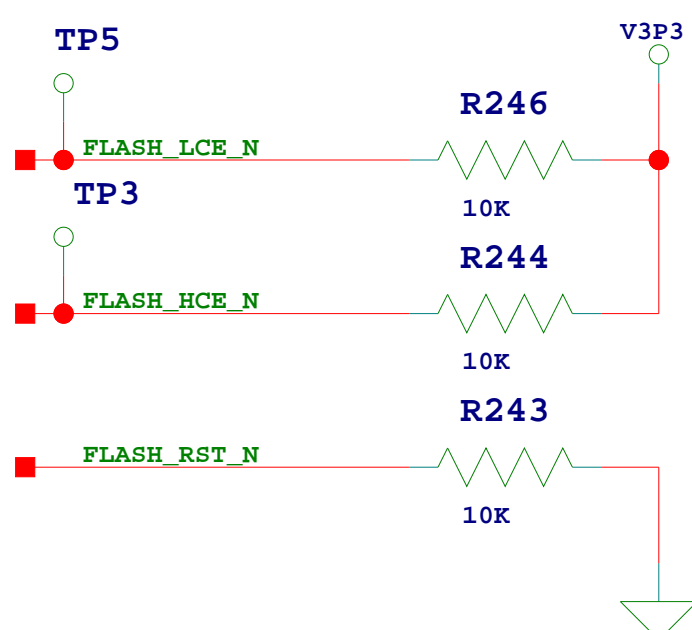
A



SRAM
1MB
256Kx32



FLASH
16MB
4Mx32



DRAFTER	DATE	SoC Solutions		
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APPROVAL	DATE			
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D

C

B

A

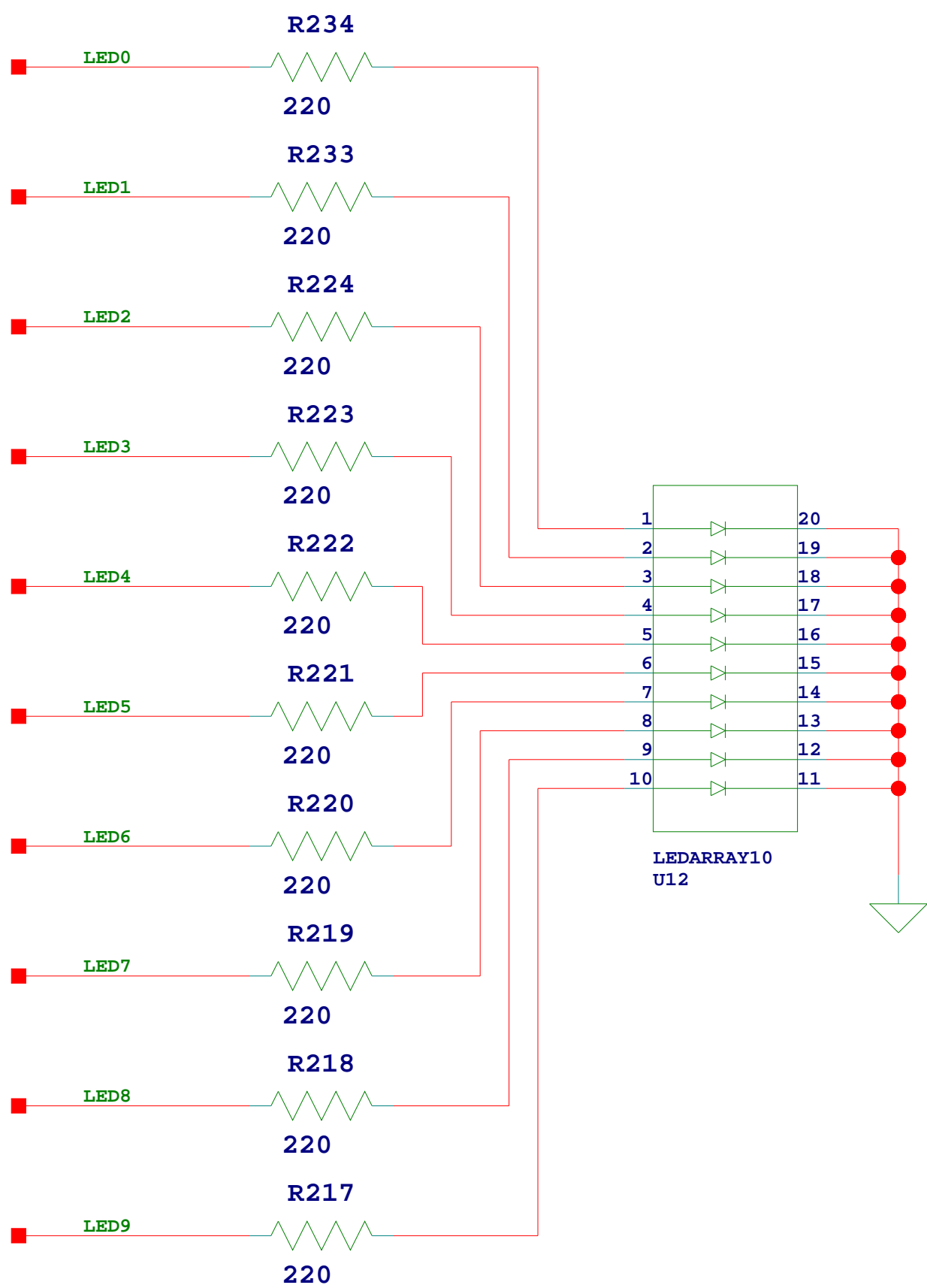
D

C

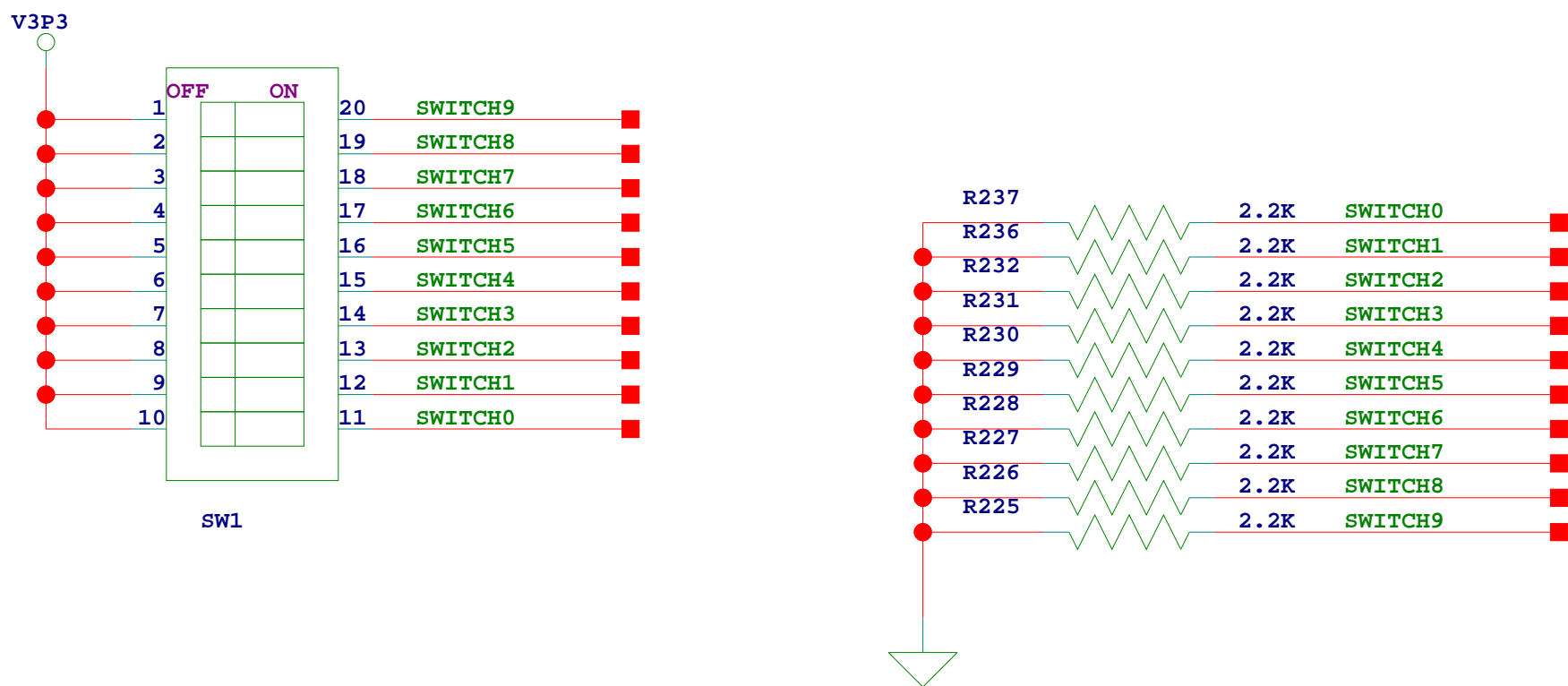
B

A

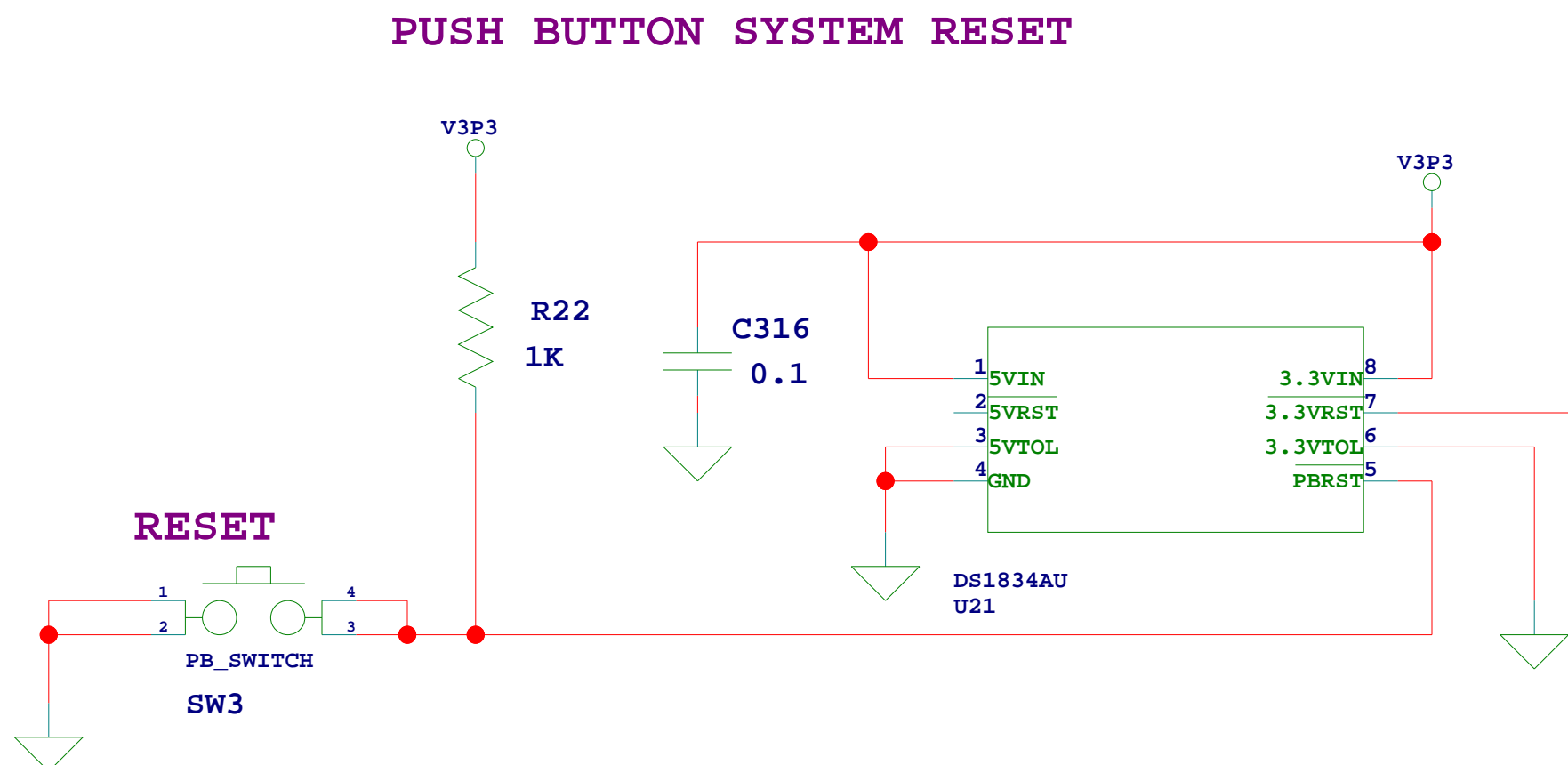
TEST LEDS



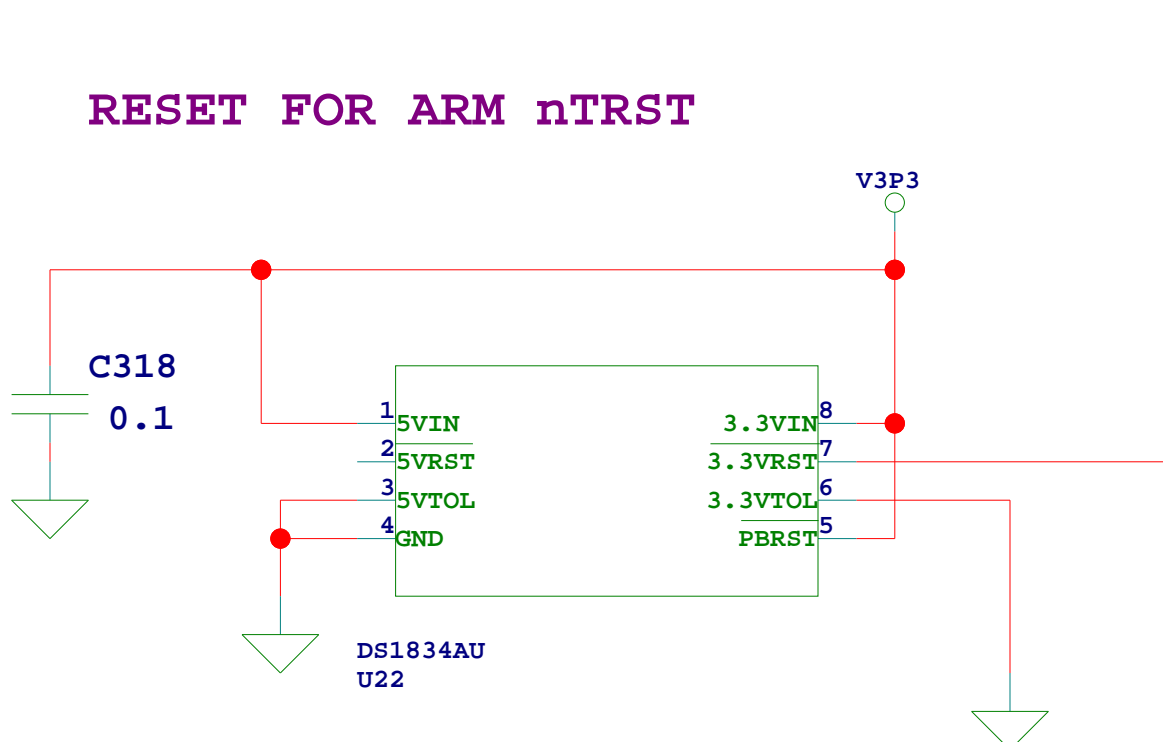
TEST SWITCHES



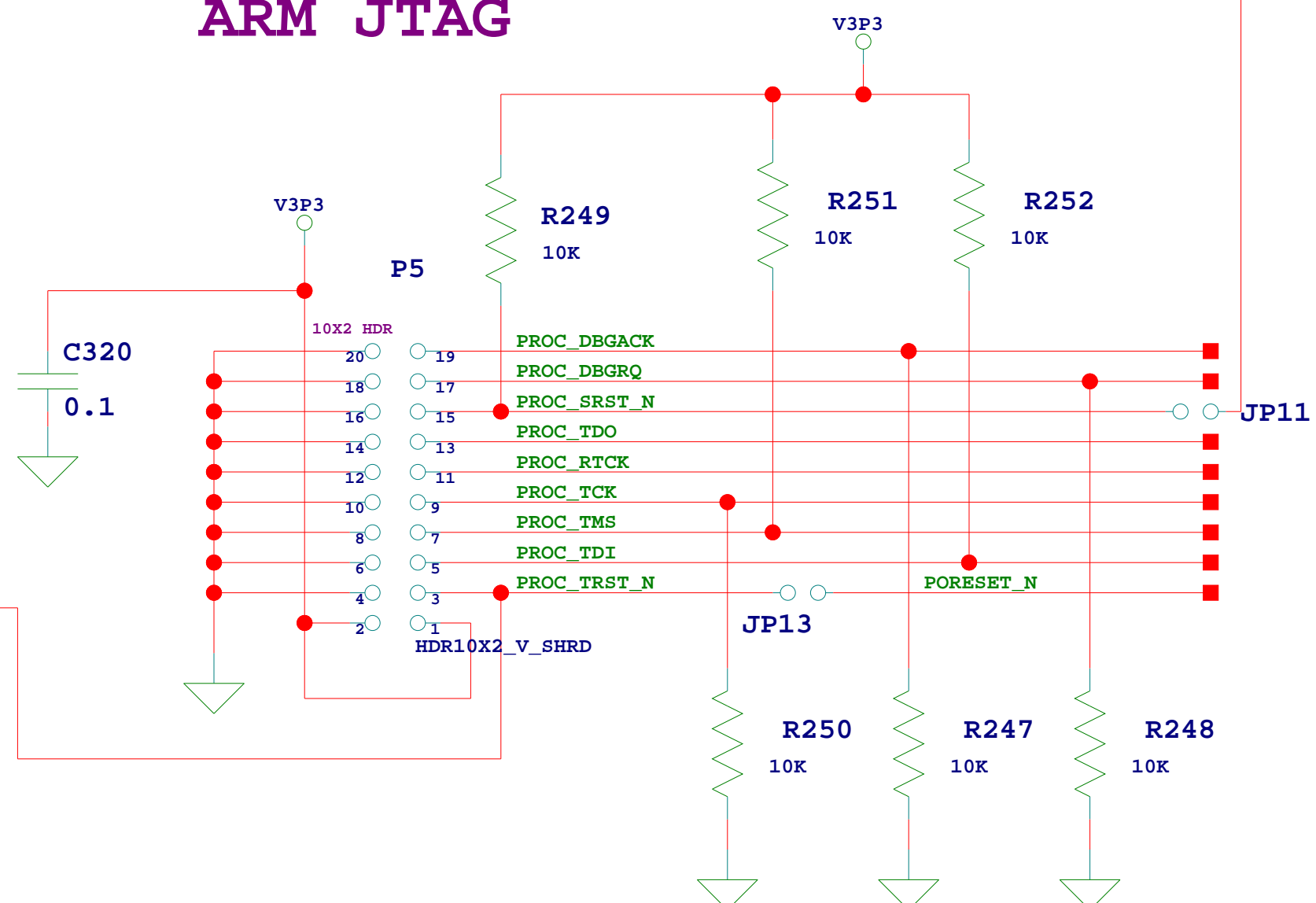
PUSH BUTTON SYSTEM RESET



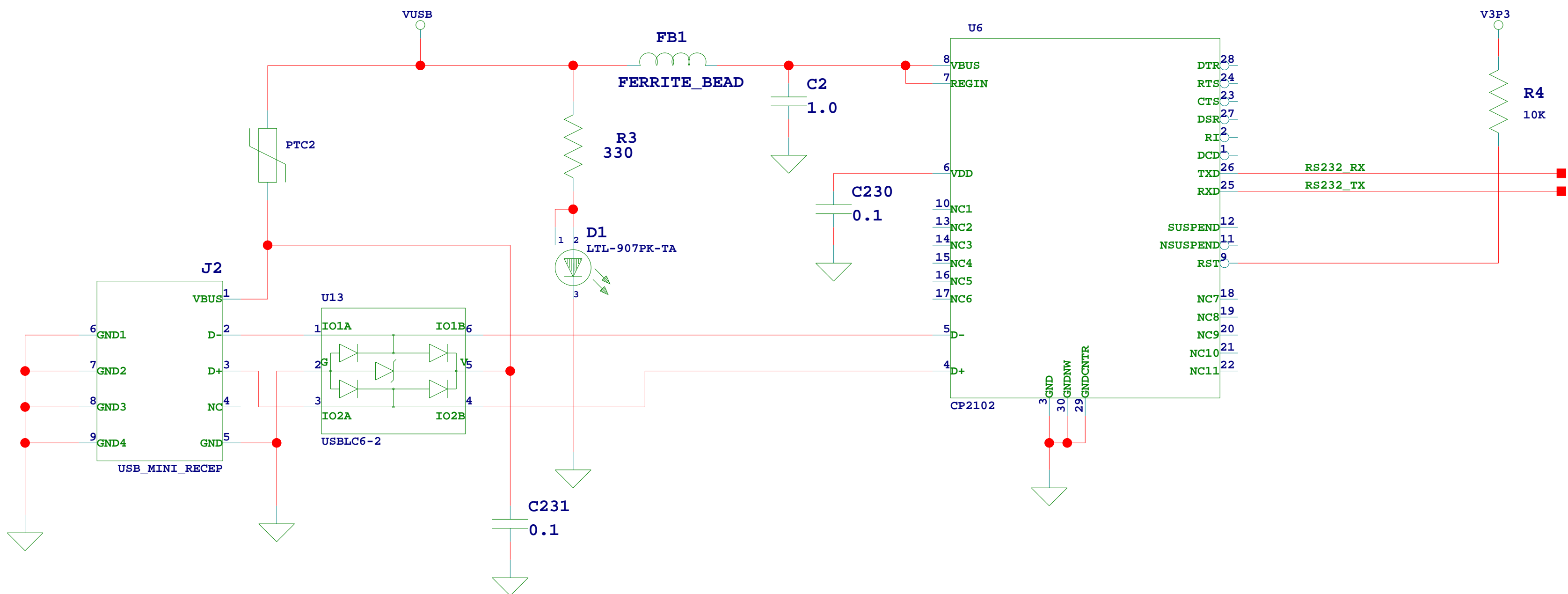
RESET FOR ARM nTRST



ARM JTAG

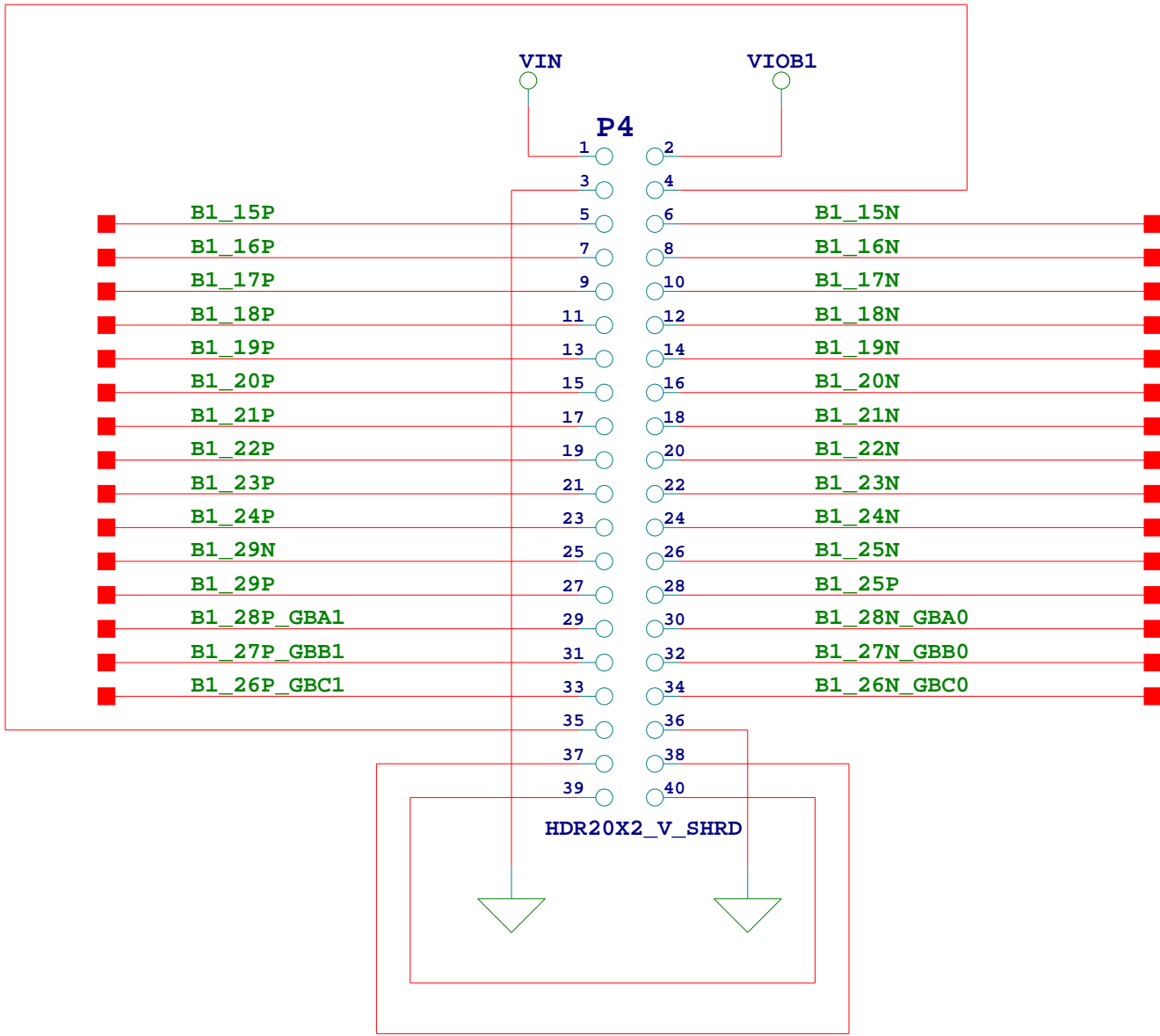


USB

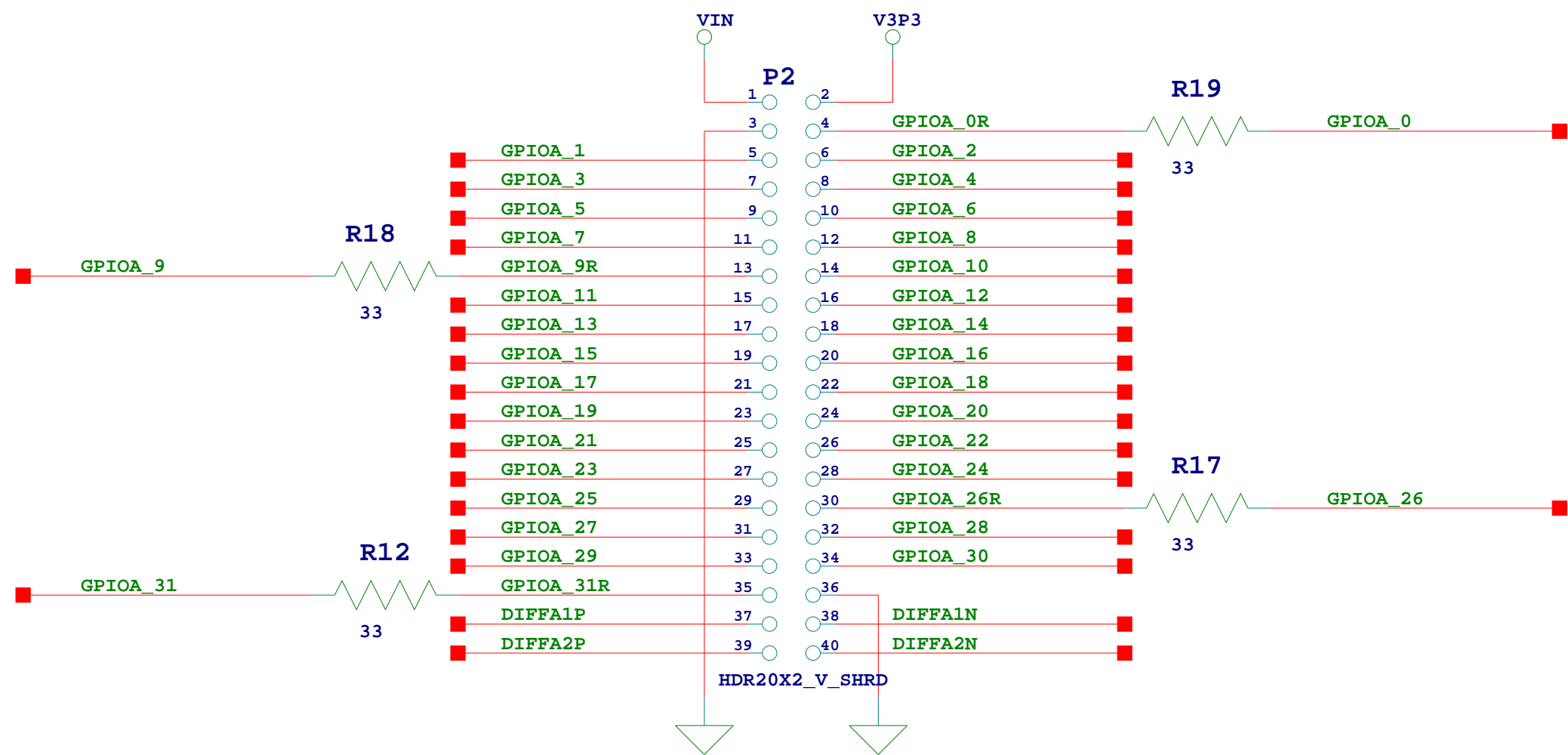


DRAFTER	DATE	SoC Solutions		
JIM AVANT	DATE	TITLE		
CHECKER	DATE	RESET, TEST, USB		
ENGINEER	DATE	SIZE		
APPROVAL	DATE	DRAWING NUMBER		
APPROVAL	DATE	D		
DATE		SHEET		4 OF 9

2.5V DIGITAL HEADER

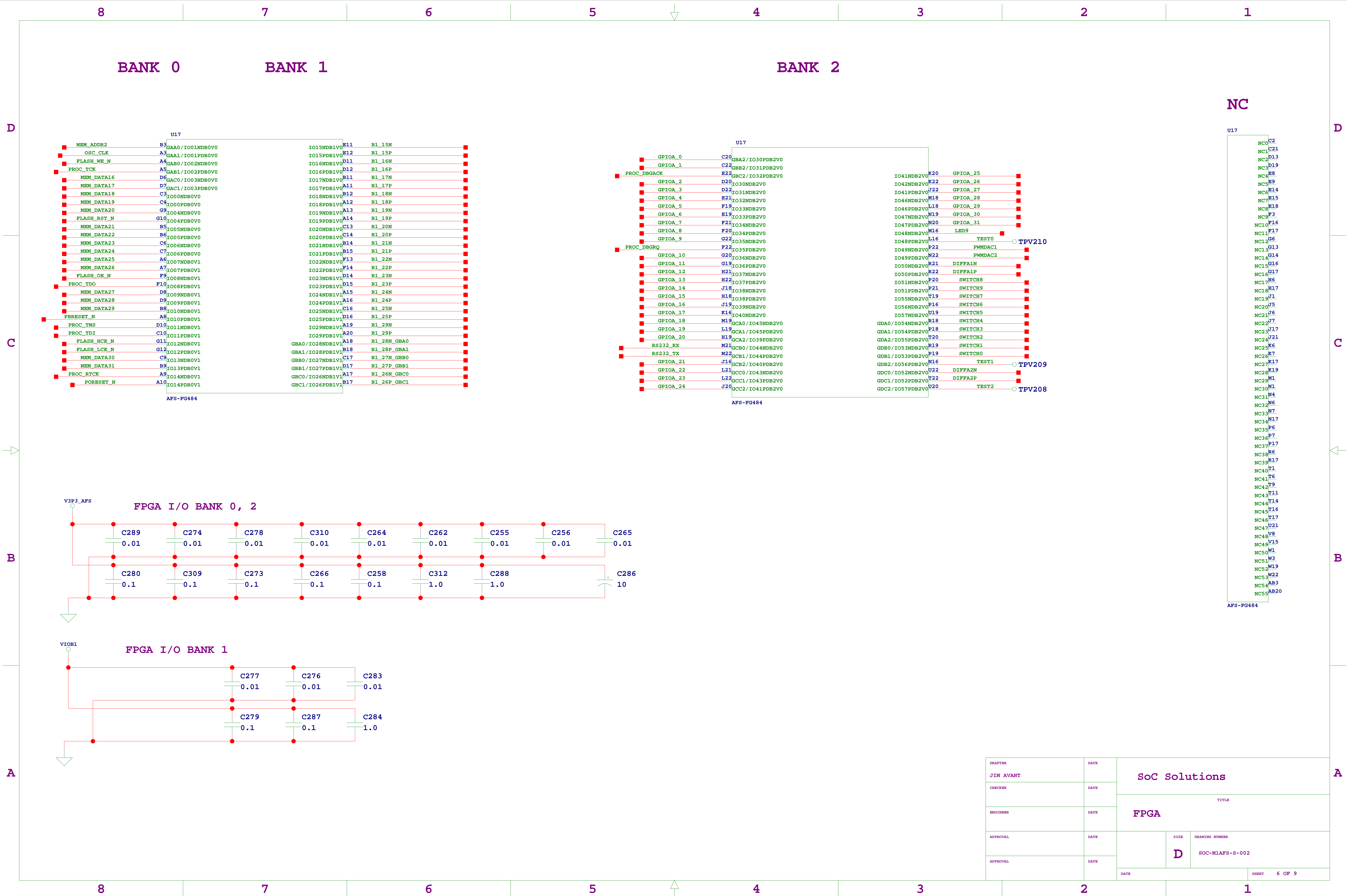


3.3V DIGITAL HEADER

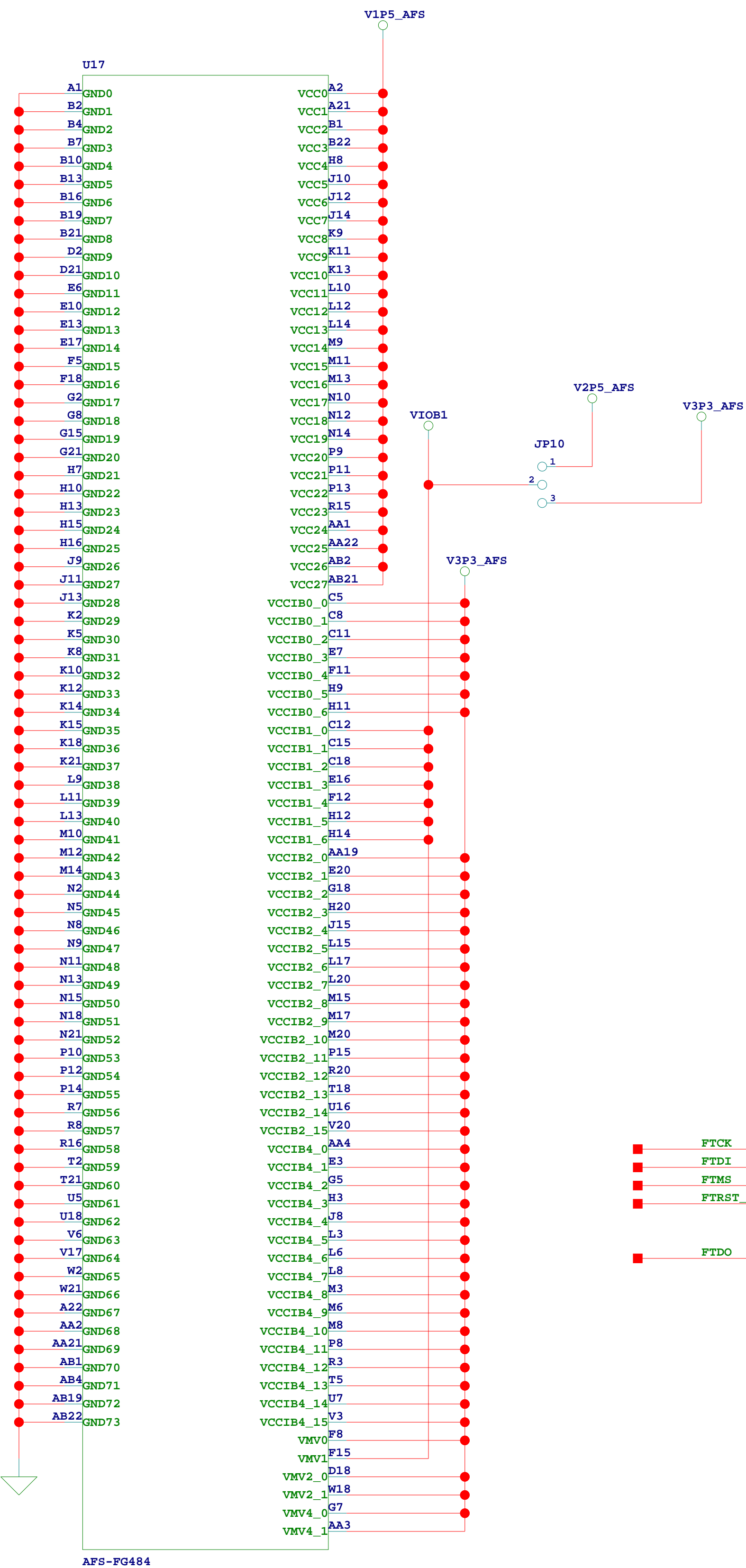


NOTE: PLACE RESISTORS NEAR FPGA.

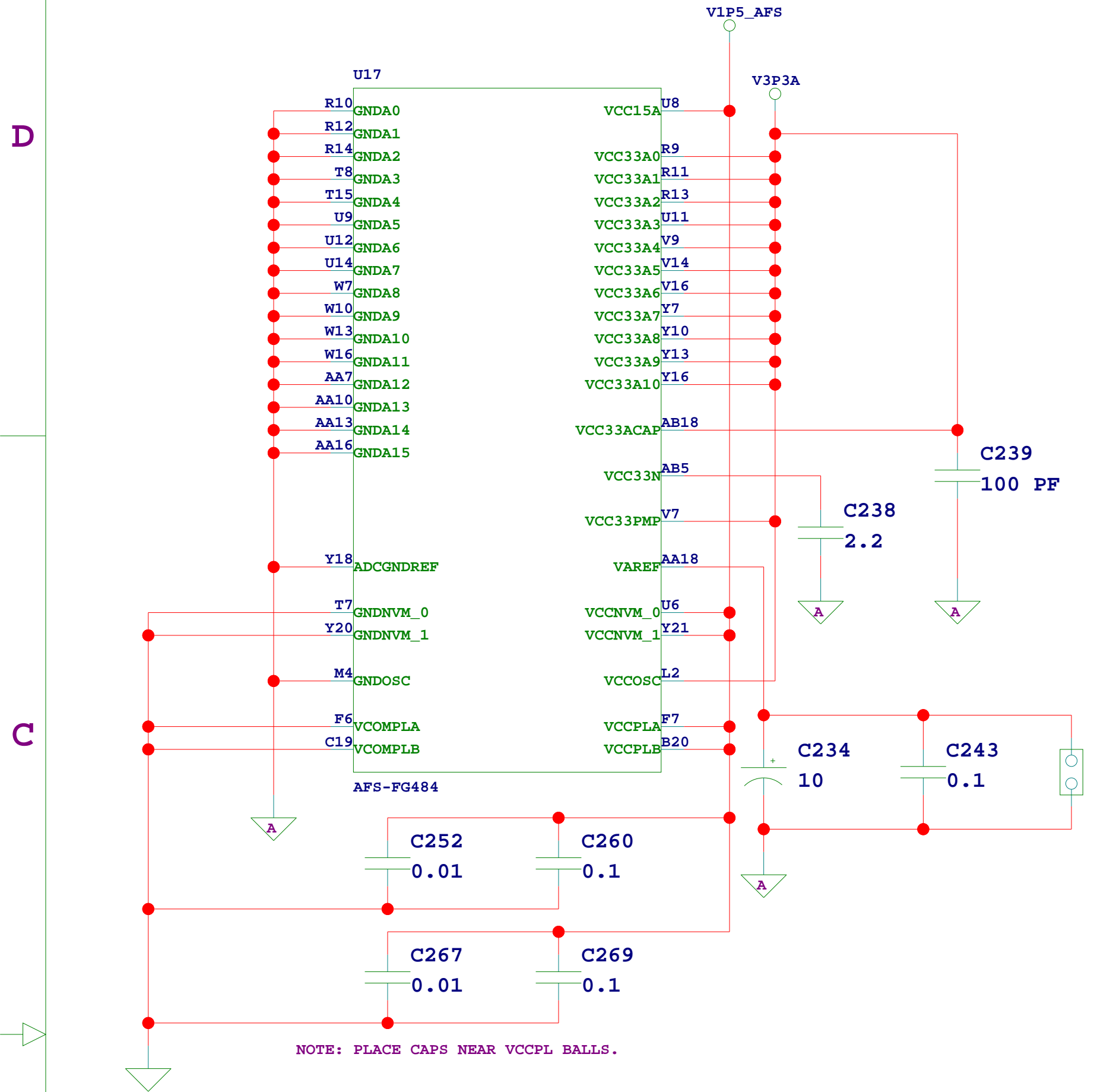
DRAFTER	DATE	SoC Solutions		
JIM AVANT	DATE			
CHECKER	DATE	TEST CONN'S		
ENGINEER	DATE			
APPROVAL	DATE	D	SIZE	DRAWING NUMBER
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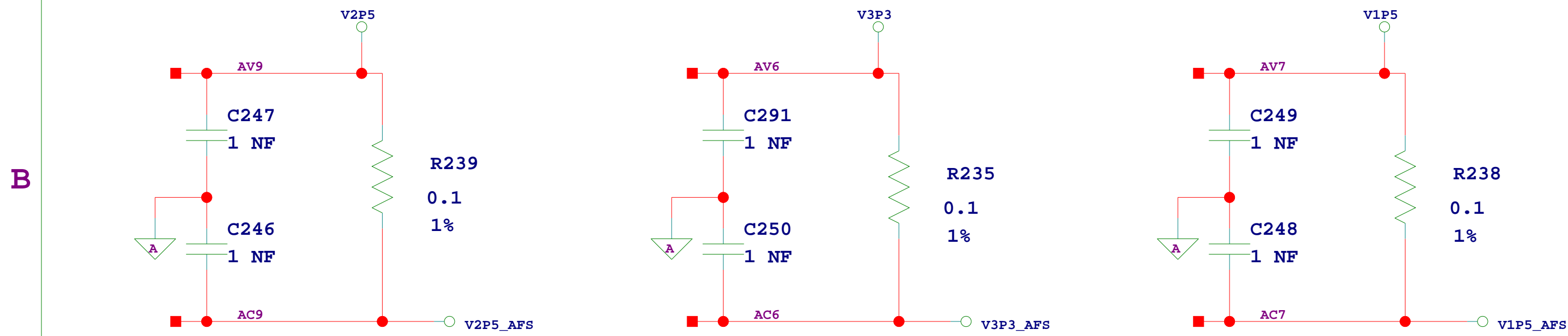
DIGITAL POWER & GND



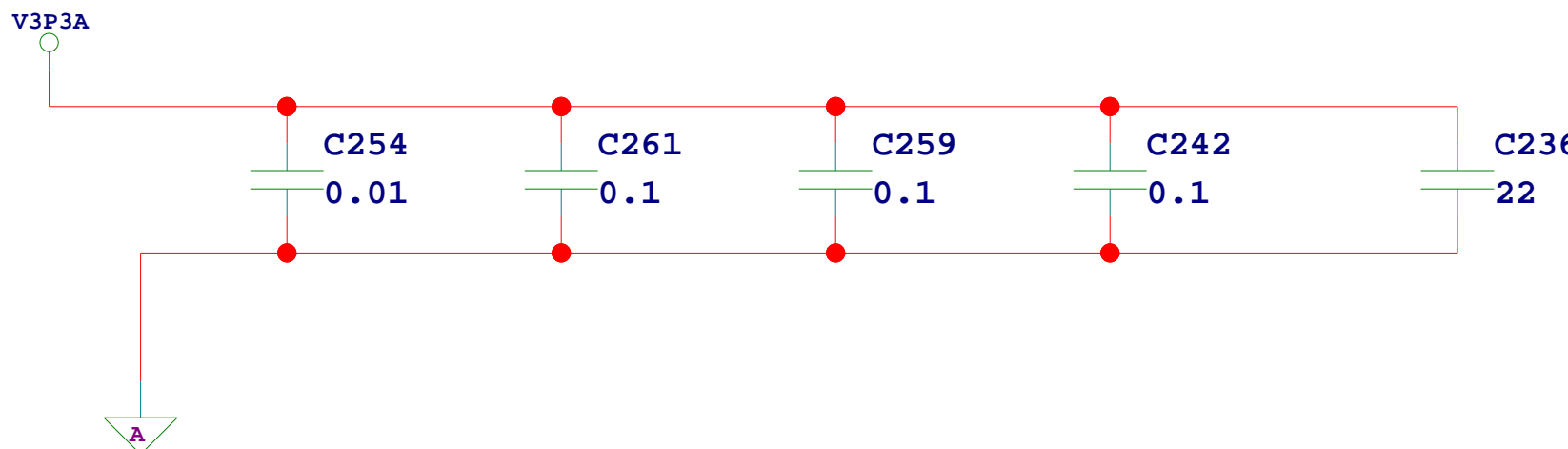
ANALOG POWER & GND



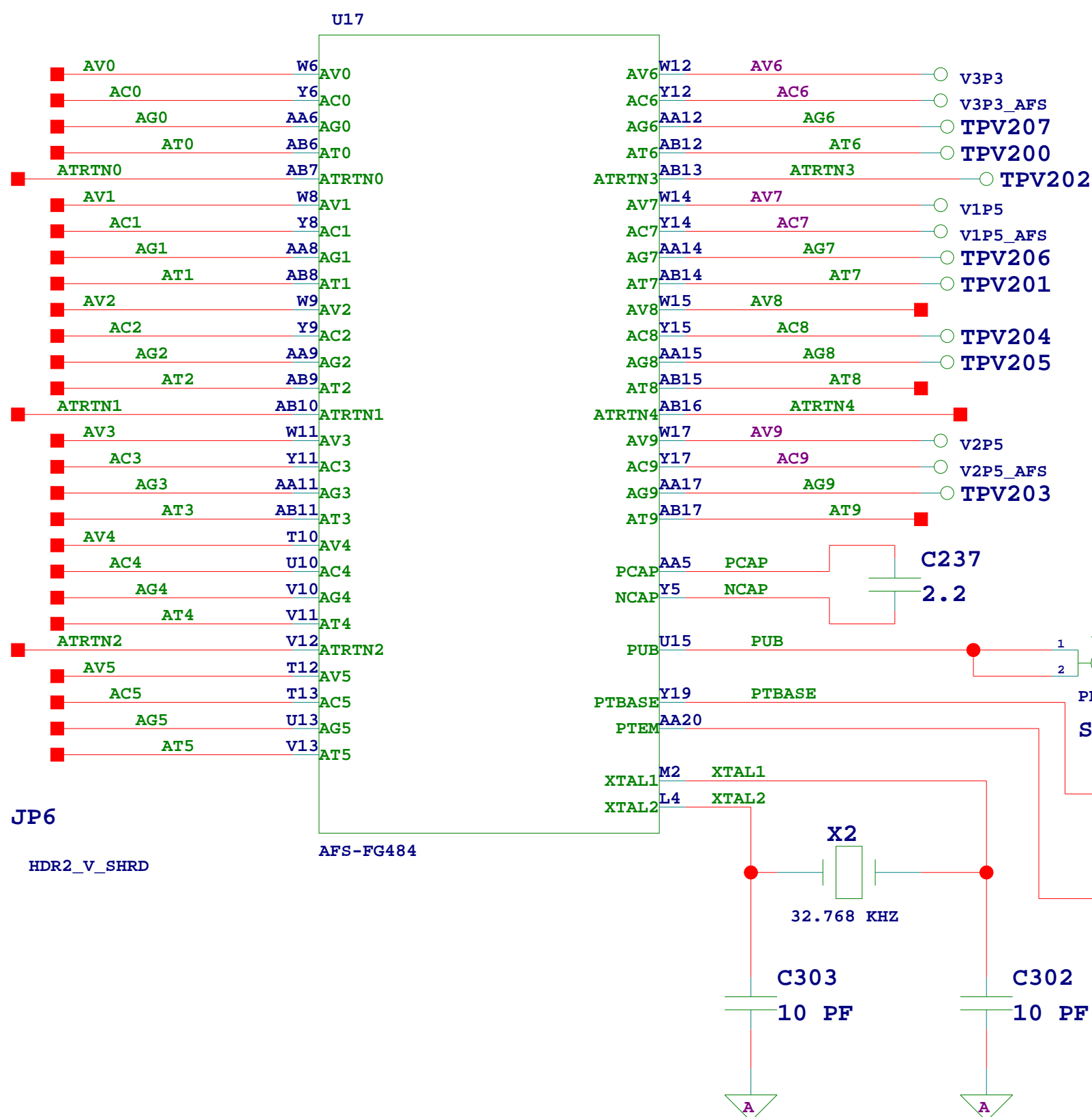
VOLTAGE & CURRENT SENSING



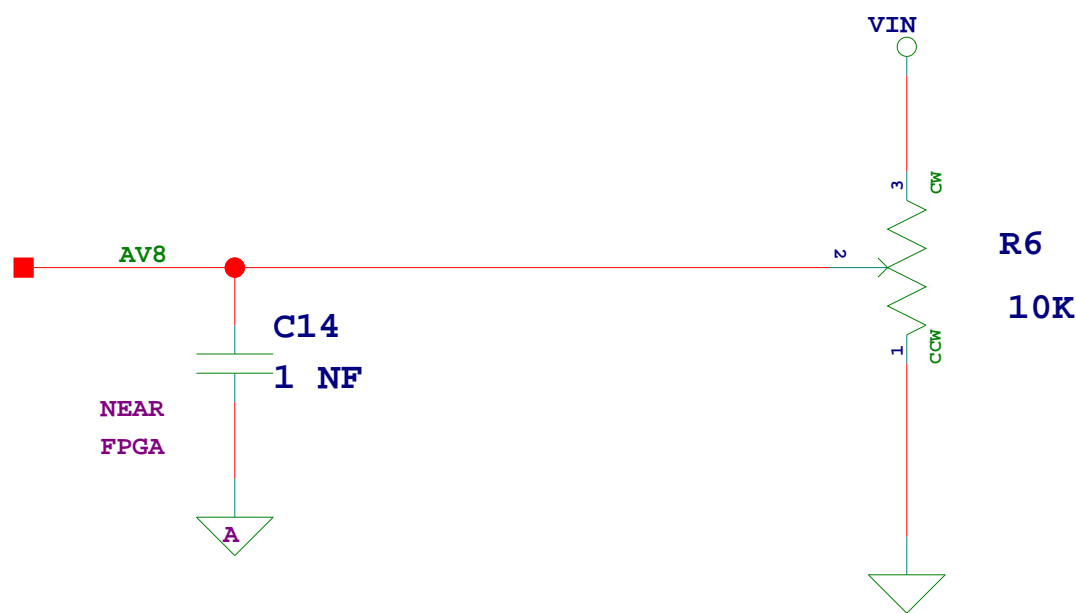
FPGA ANALOG 3.3V



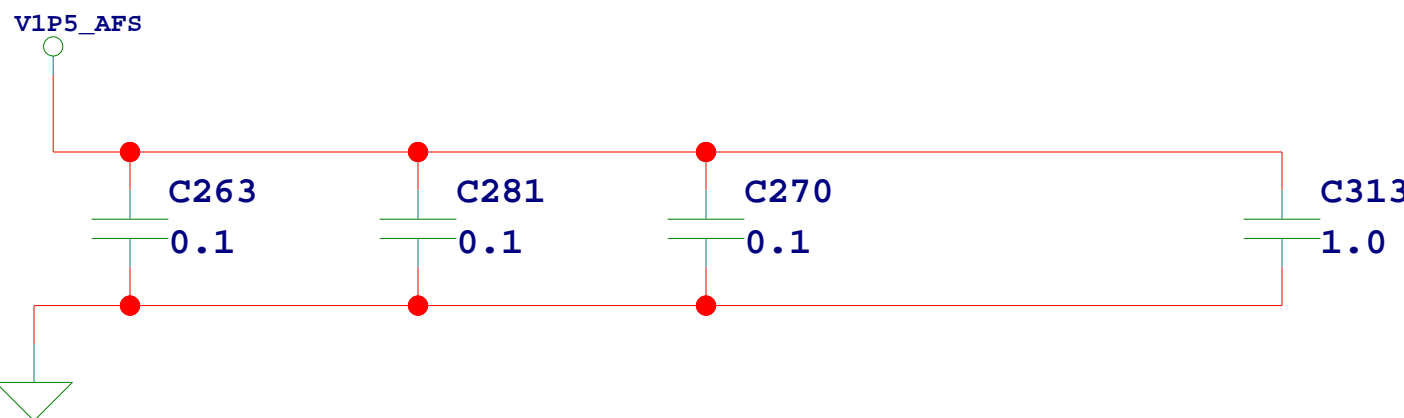
ANALOG



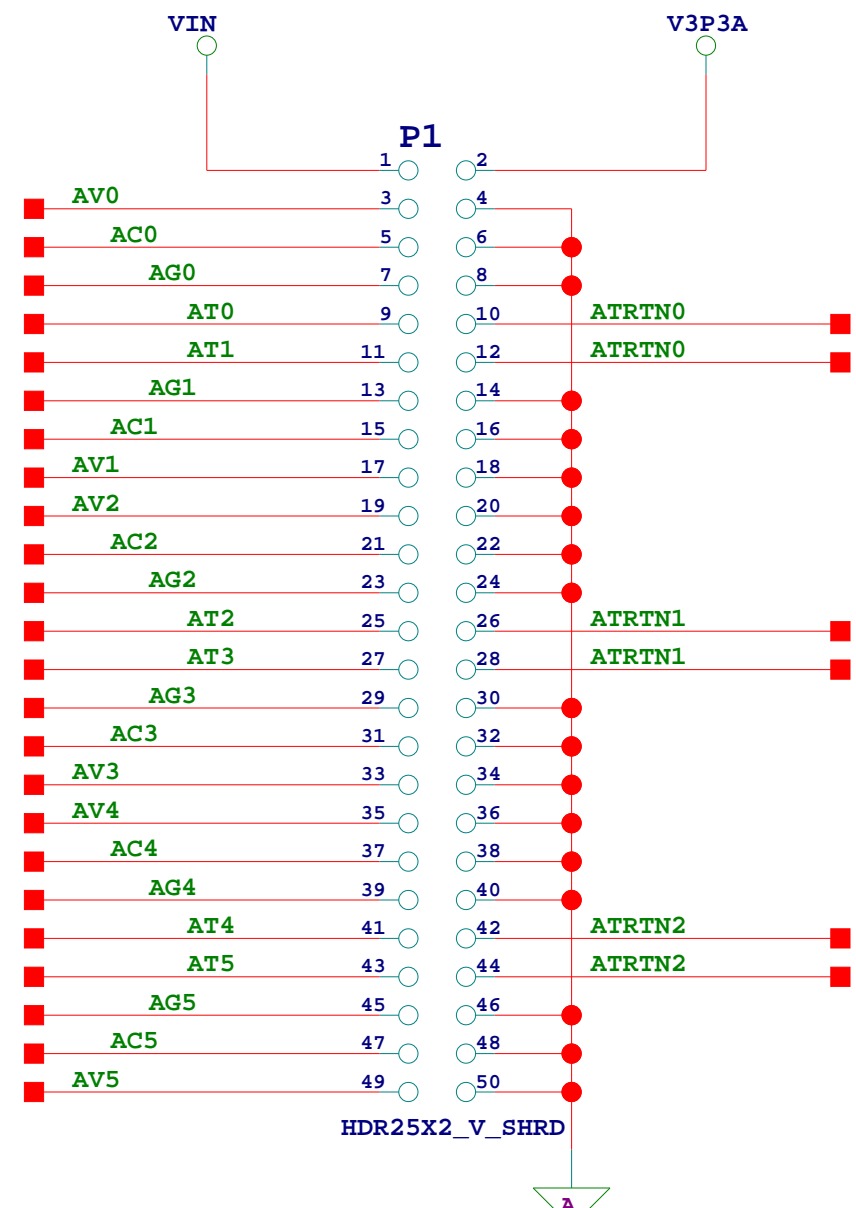
POTENTIOMETER



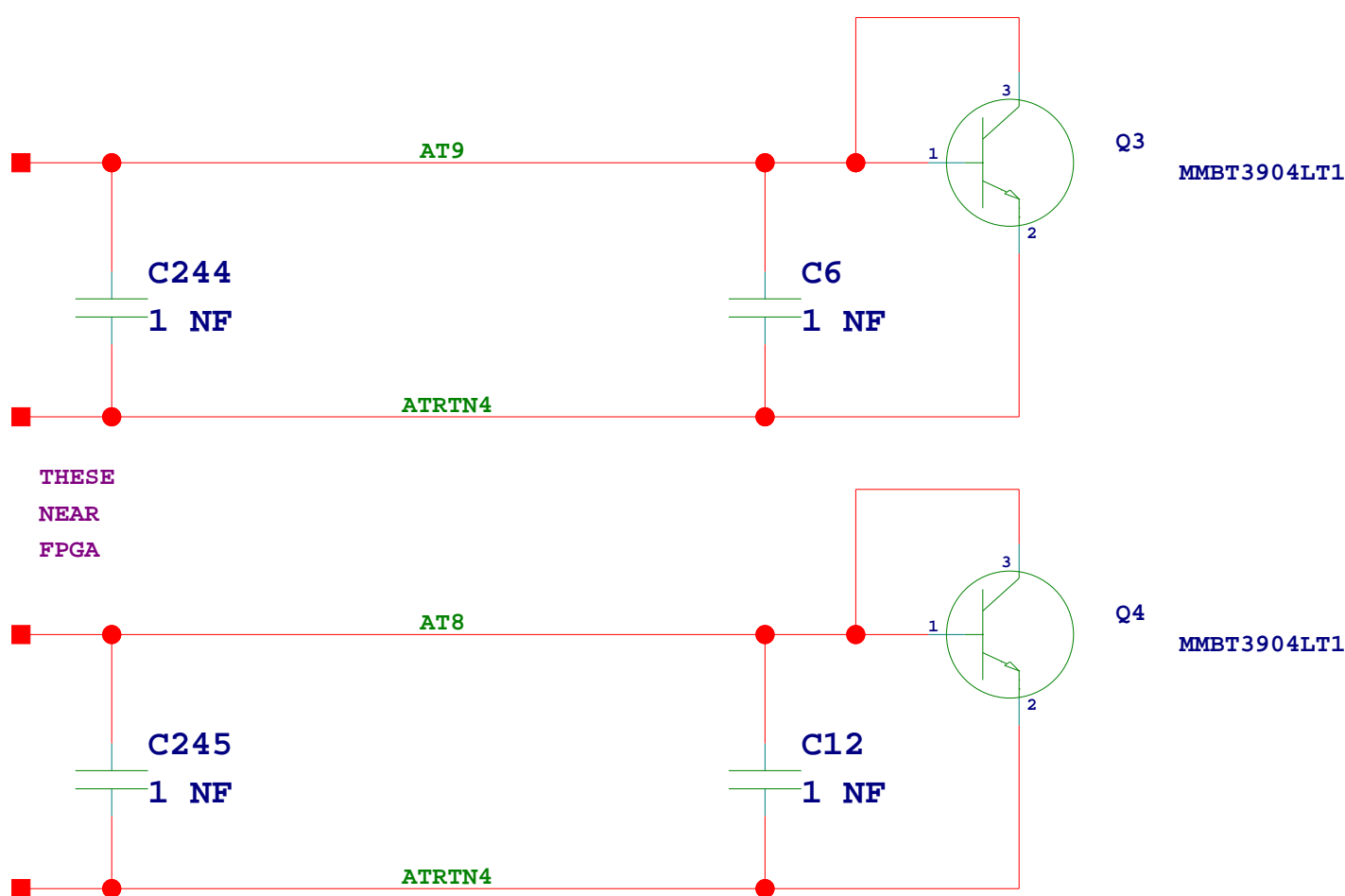
FPGA ANALOG 1.5V



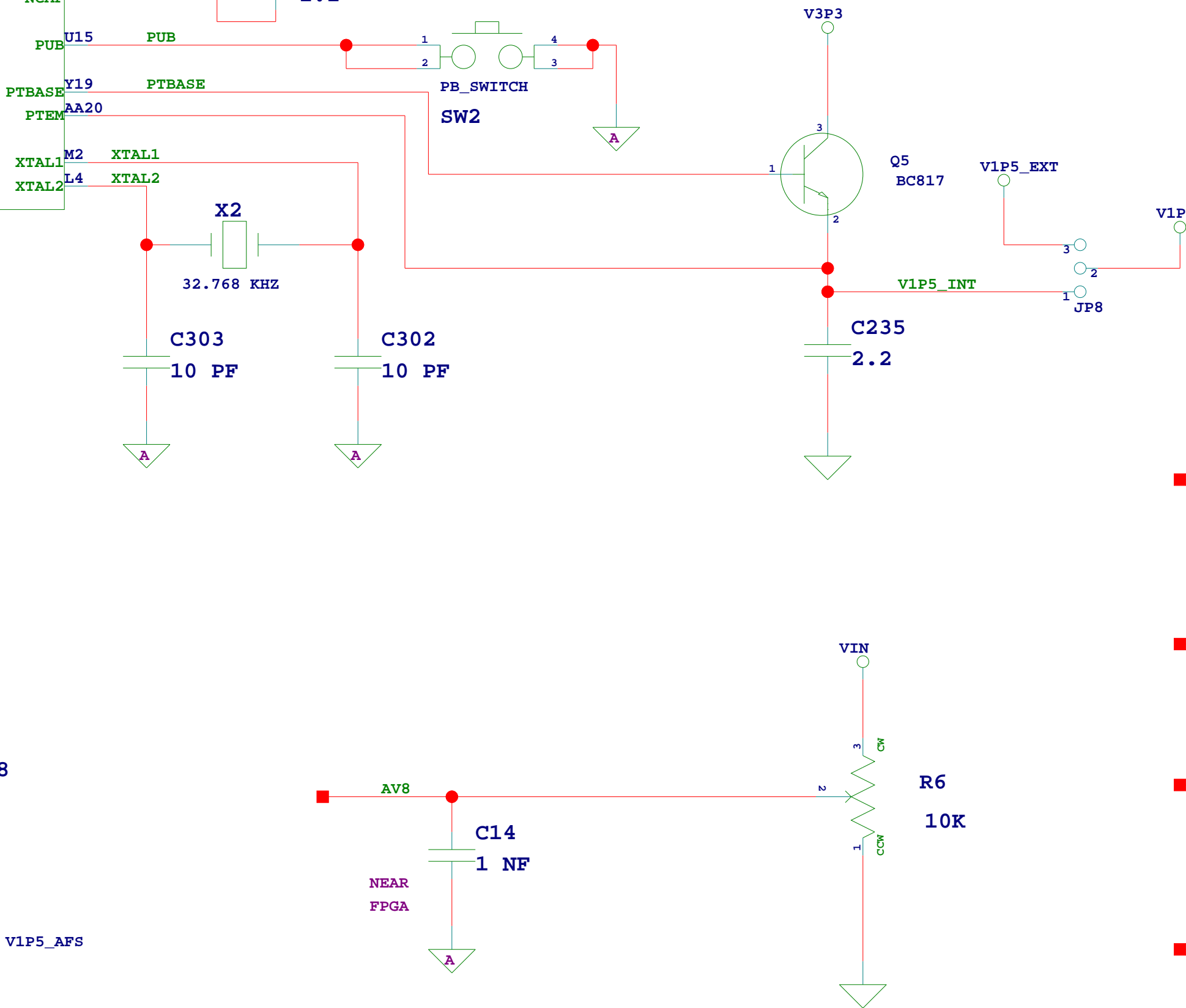
ANALOG HEADER



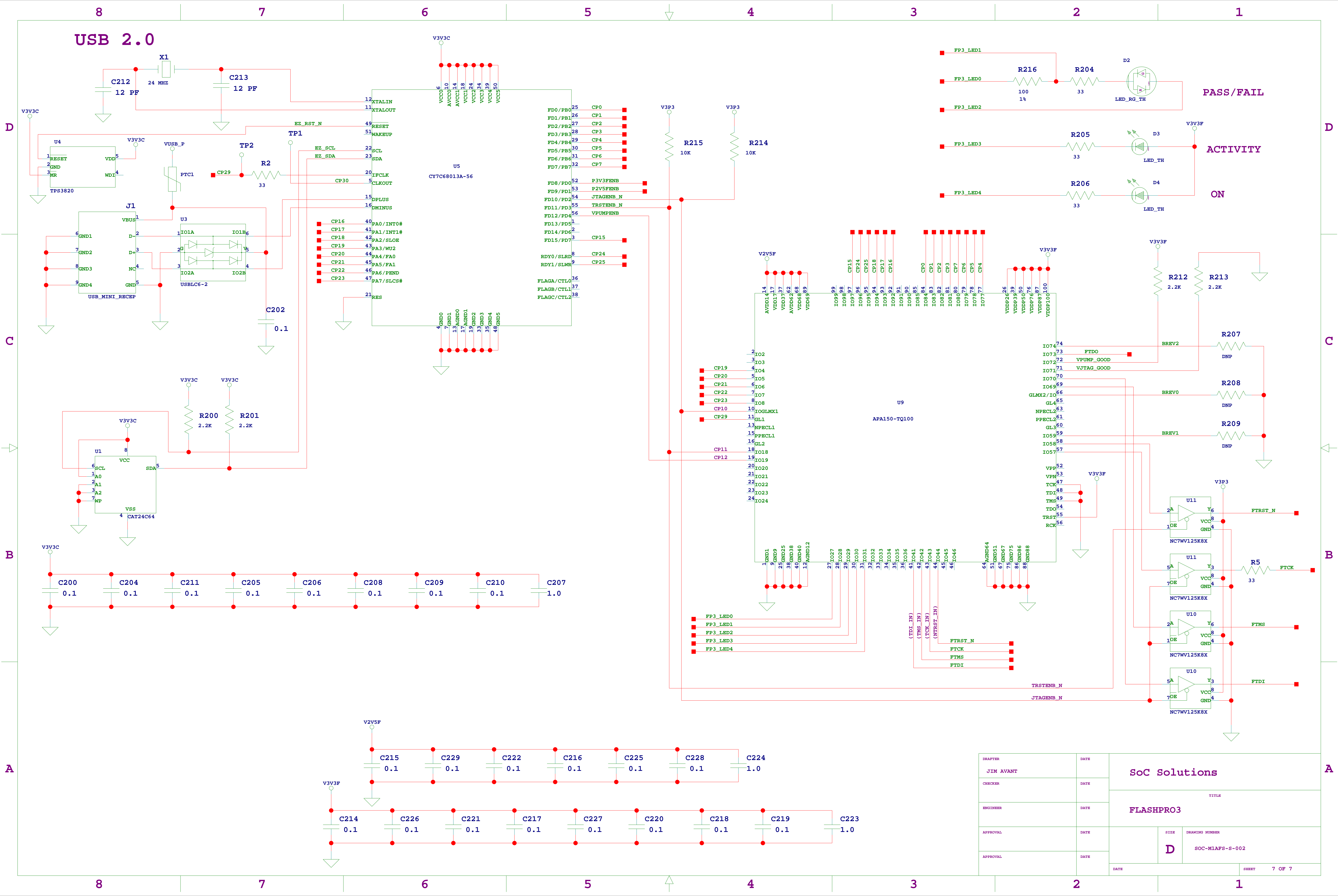
TEMPERATURE SENSORS



1.5V REG. PASS TRANSISTOR CIRCUIT



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ENGINEER	DATE	D	SIZE	DRAWING NUMBER	
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DRAFTER	DATE	SoC Solutions			
JIM AVANT					
CHECKER	DATE	TITLE			
ENGINEER	DATE				
		FLASHPRO3			
APPROVAL	DATE		SIZE	DRAWING NUMBER	
			D		
APPROVAL	DATE			SOC-M1AFS-S-002	
		DATE			SHEET 7 OF 7