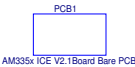



AM335X_ICE Board

- See the Hardware Implementation Document for design details
- See the Hardware User Guide for board details
- See the PCB Build Specification for PCB Details



ARM MPU

Texas Instruments, Inc.
ARM MPU Business Unit
12500 TI Blvd
Dallas, TX 75243

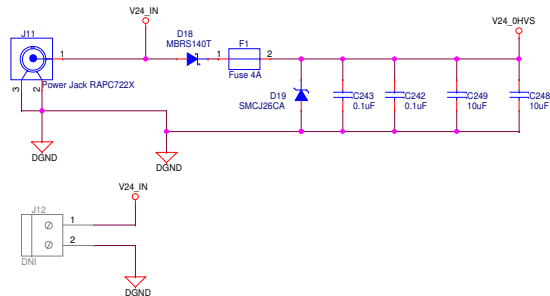


TMDXICE3359

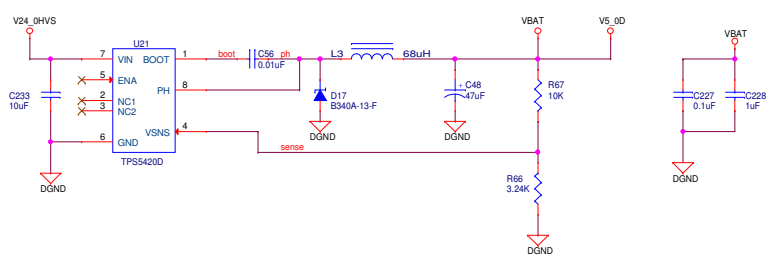
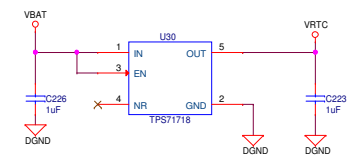
Title

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C	AM335X_ICE_3H0013_2V1A.dsn	Rachna	2.1A
Date: Wednesday, April 17, 2013		Sheet: 1	of 15

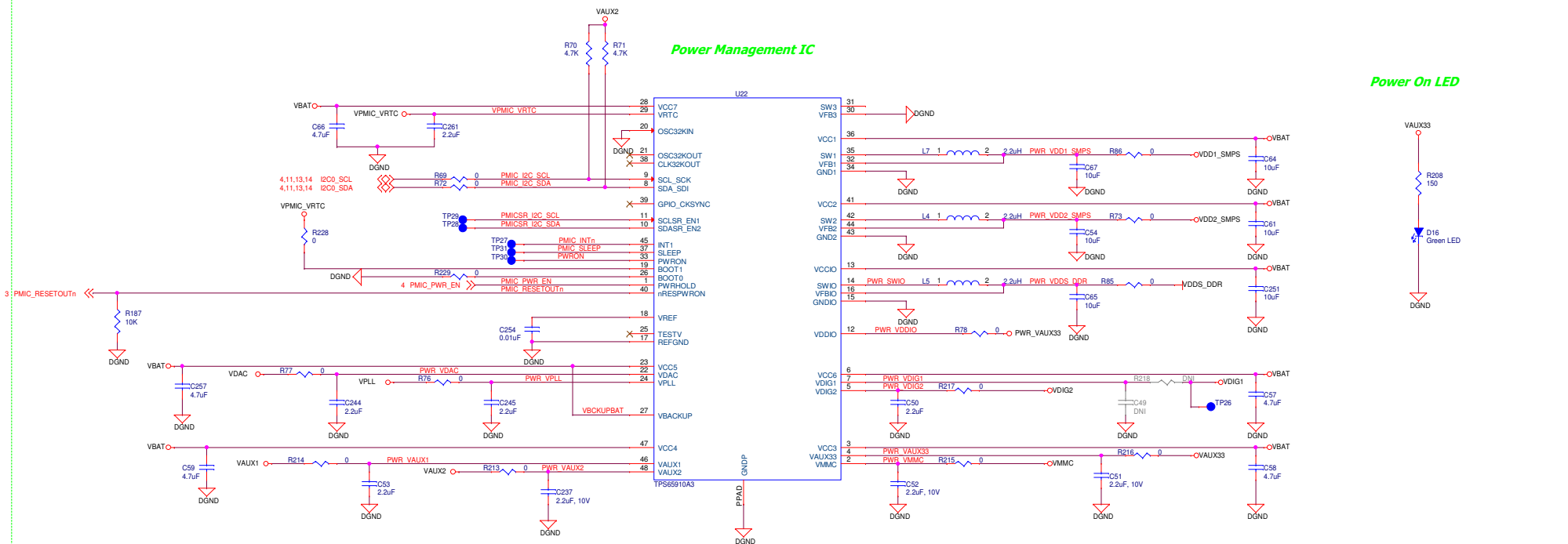
Main Power Input



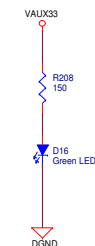
24V to 5V DC - DC CONVERTER

**VRTC REGULATOR**

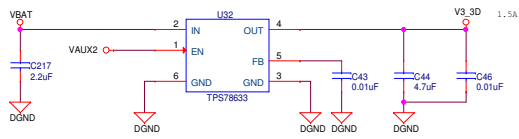
Power Management IC



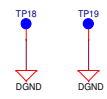
Power On LED



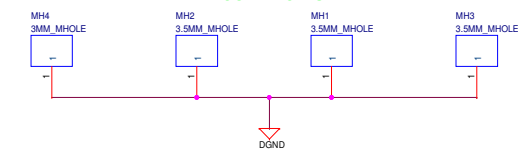
LDO for V3_3D

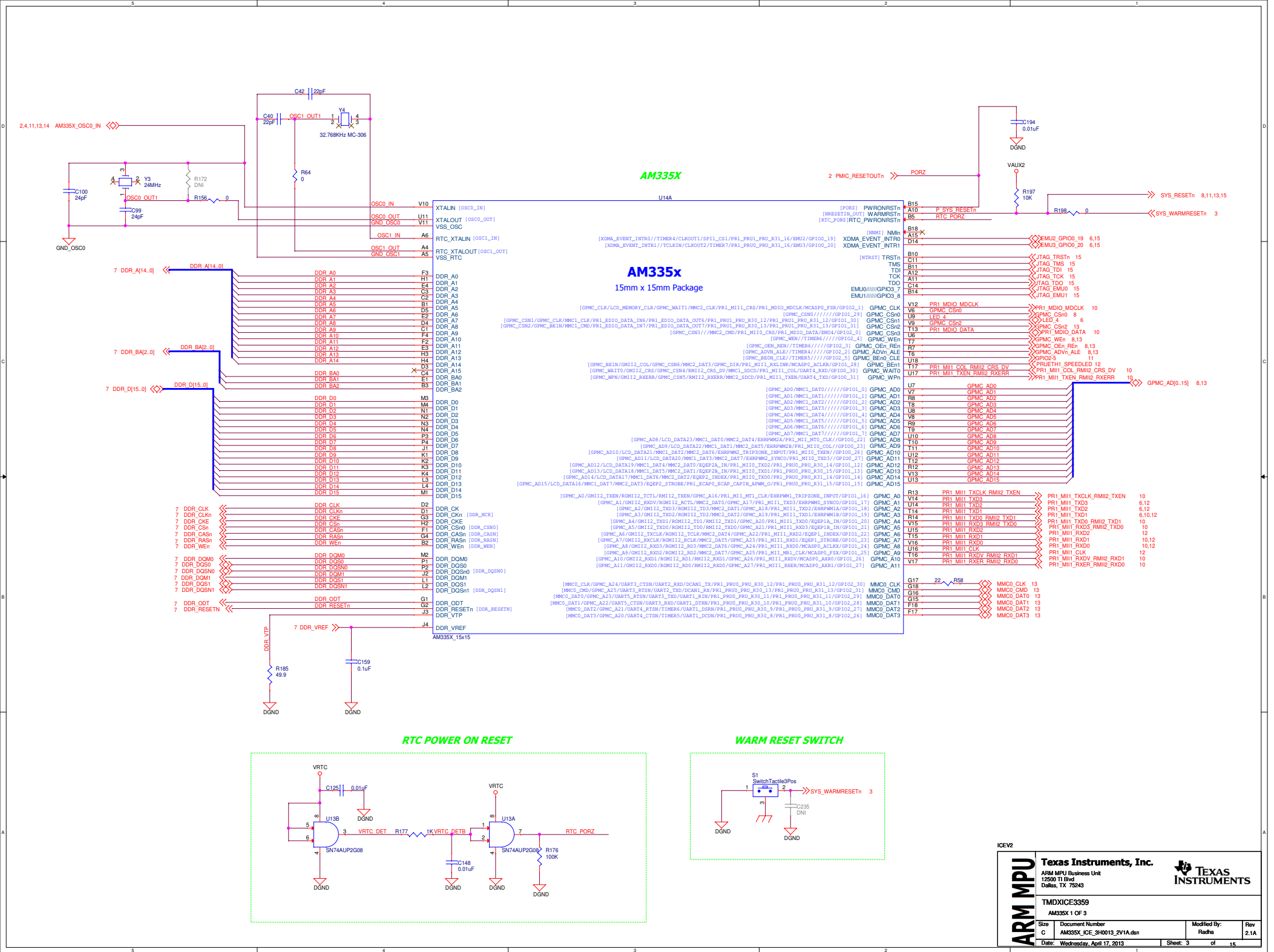


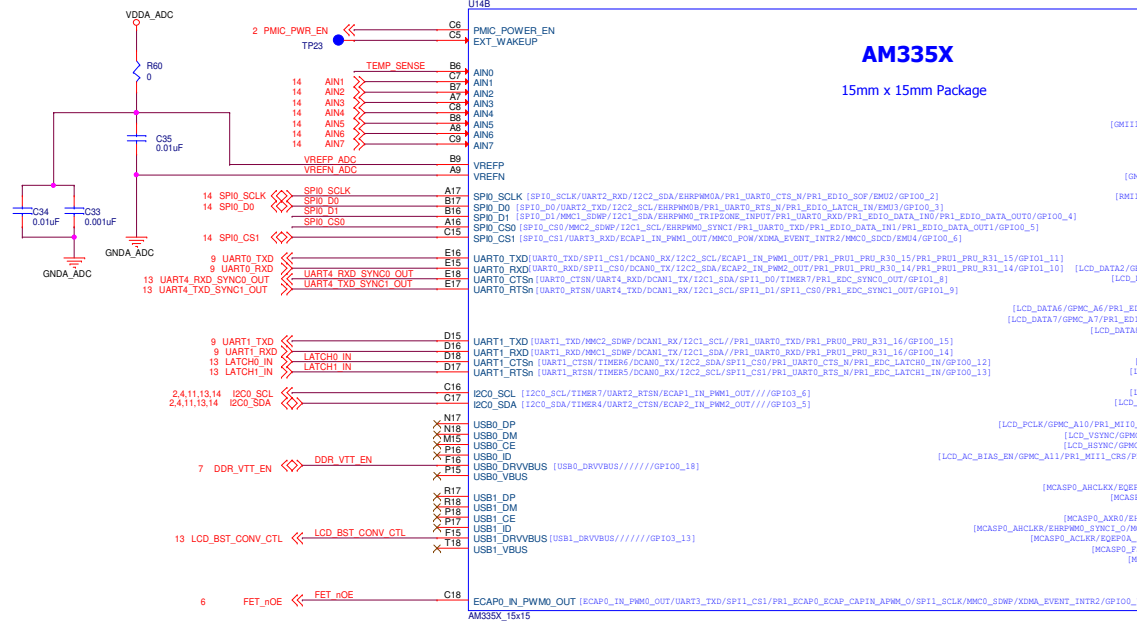
GND PROBING POINTS



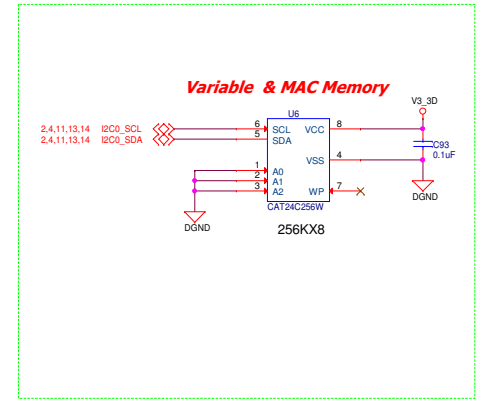
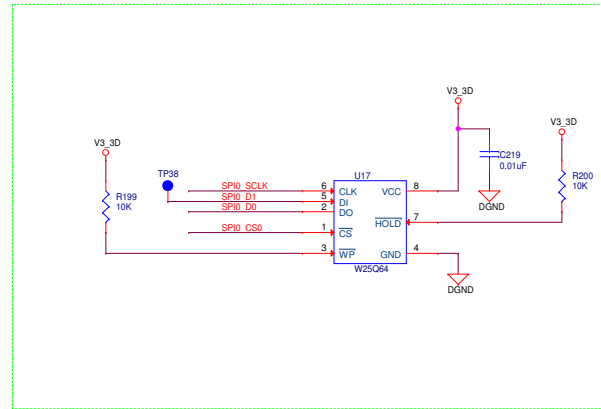
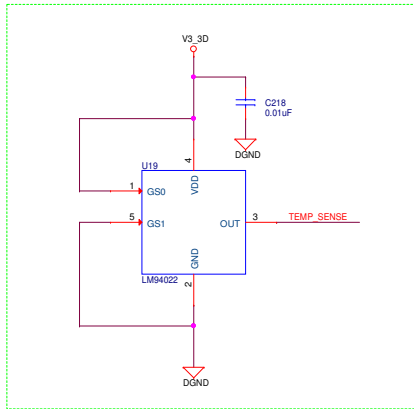
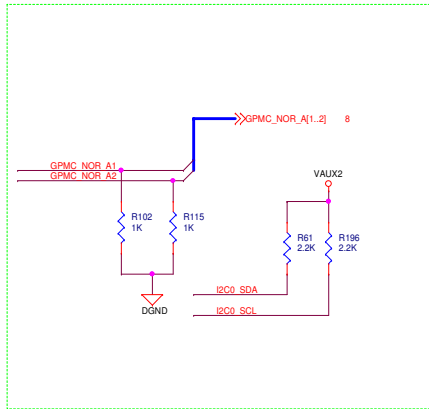
MOUNT HOLES



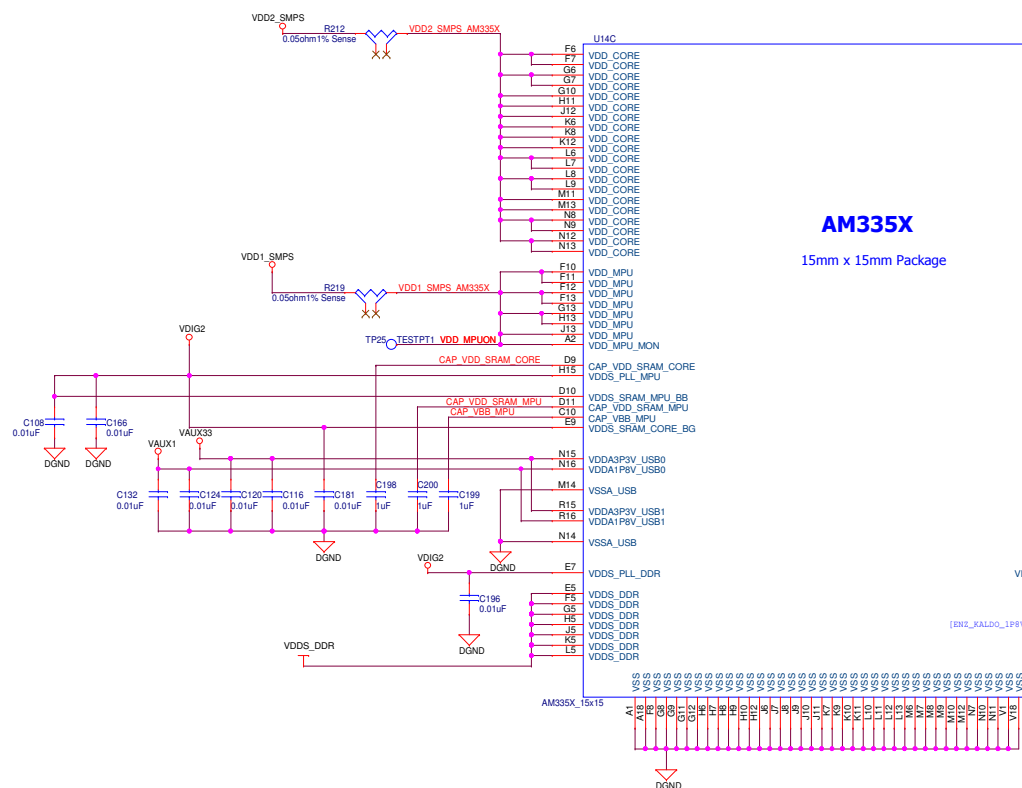




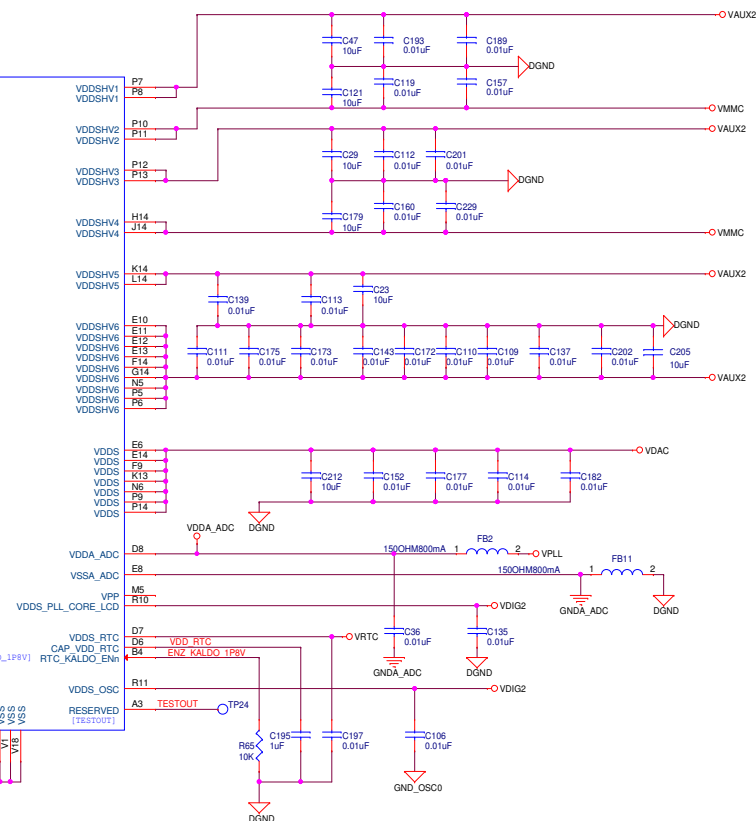
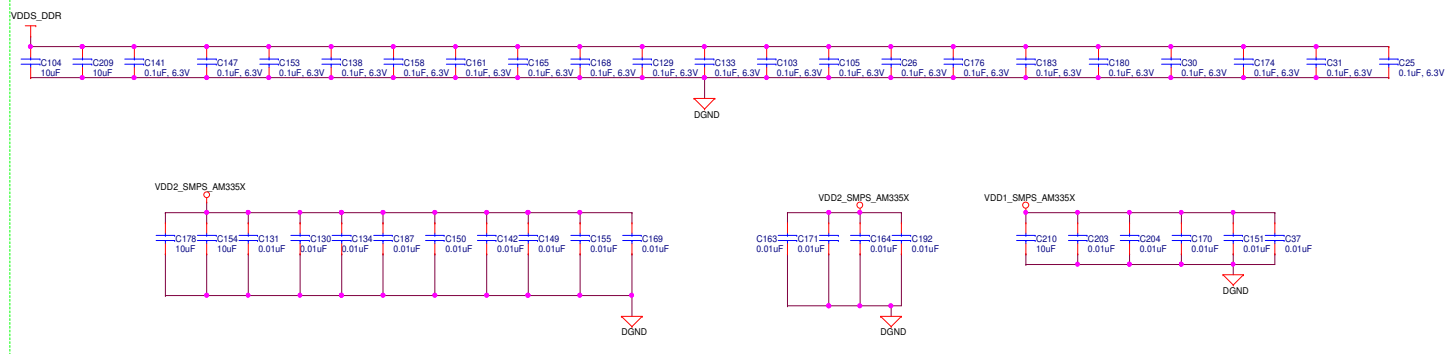
TEMPERATURE SENSOR



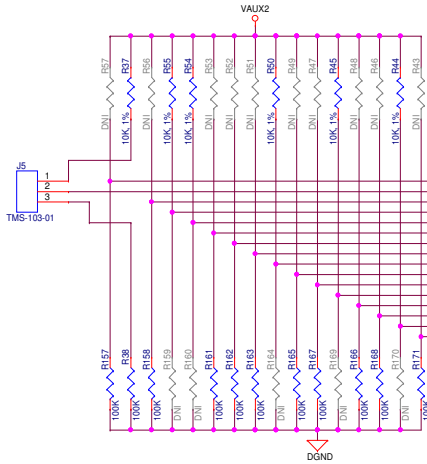
AM335X POWER



15mm x 15mm Package

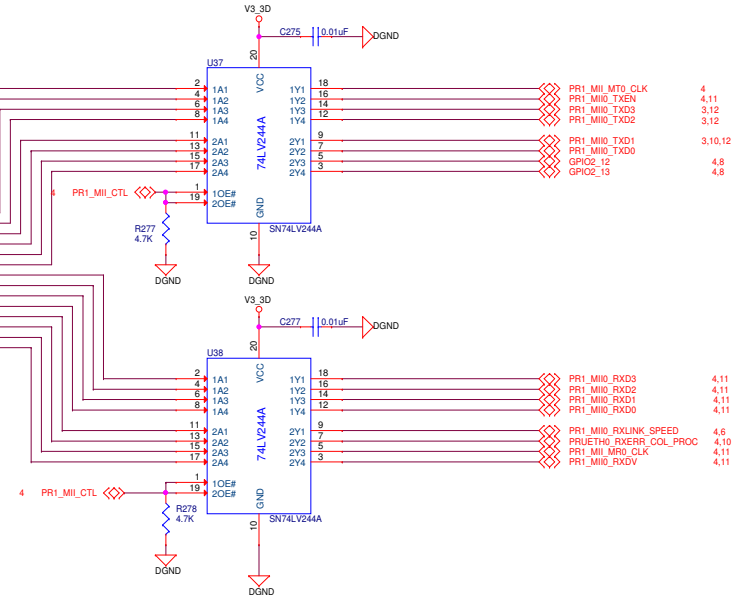
**DECAPS**

BOOT CONFIGURATION

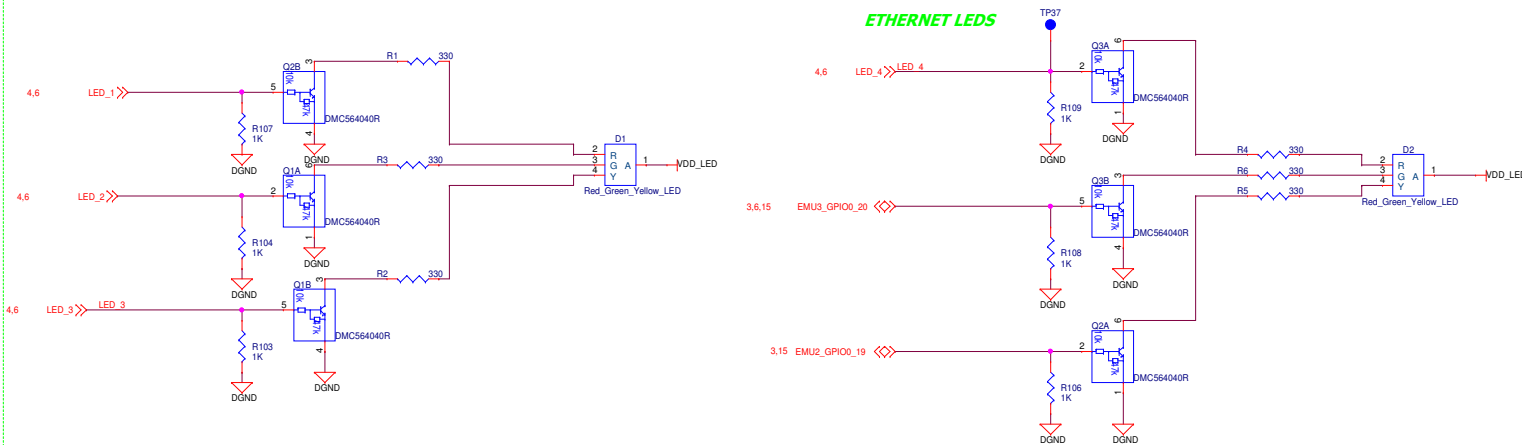


Check Hardware User's Guide for Boot Sequence Details

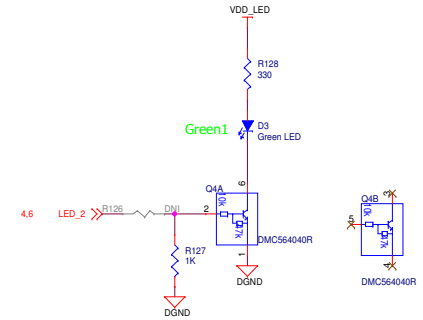
SYS BOOT BUFFERS



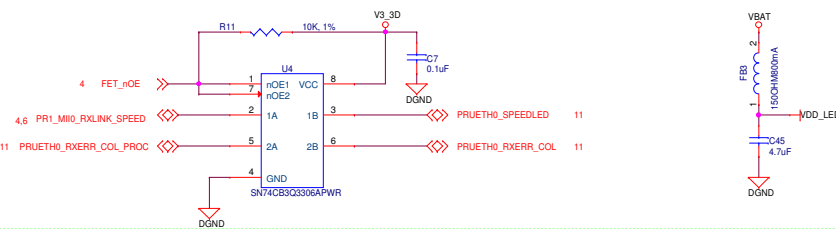
ETHERNET LEDS



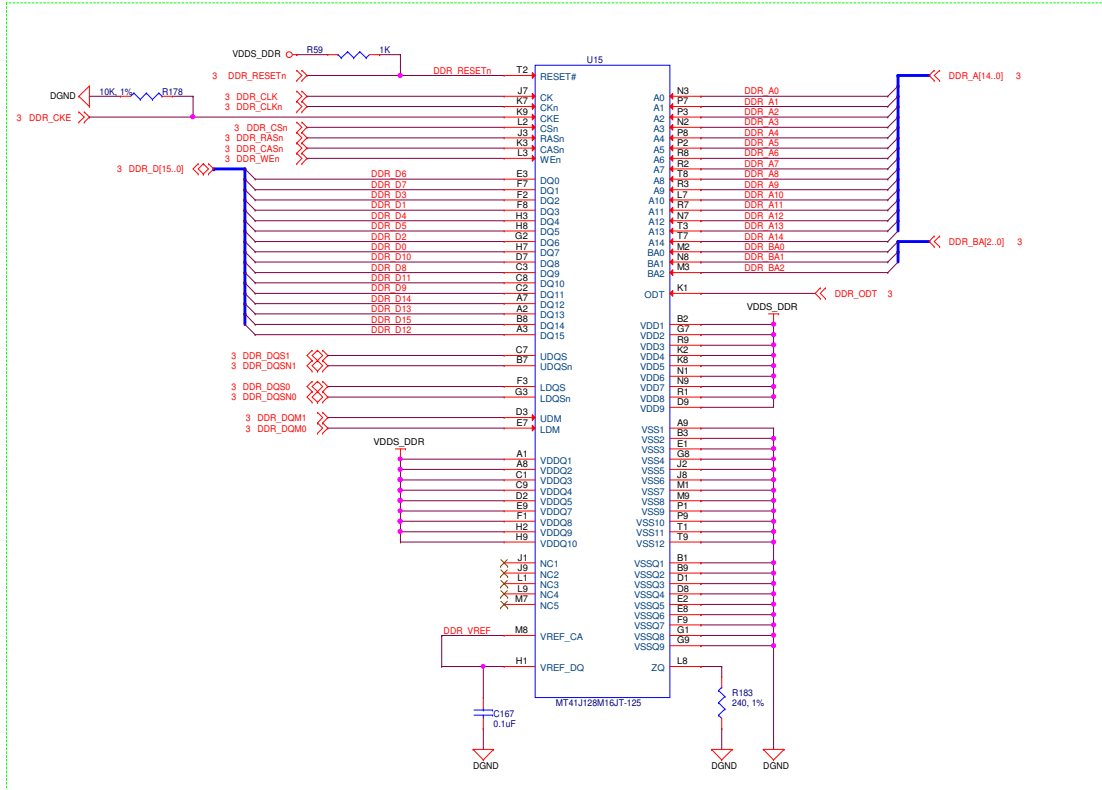
PROFINET Power ON



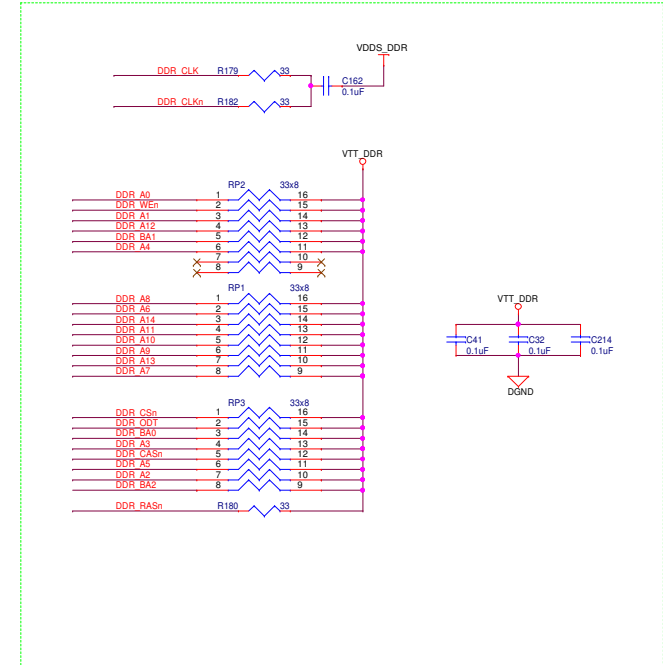
FET SWITCH



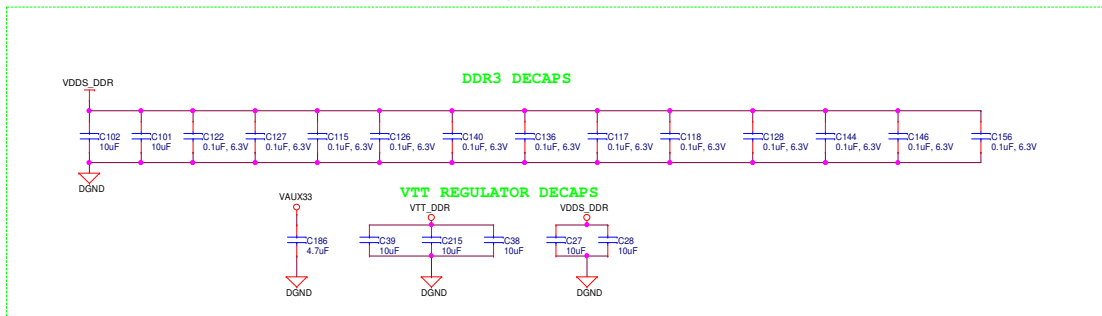
DDR3 SDRAM



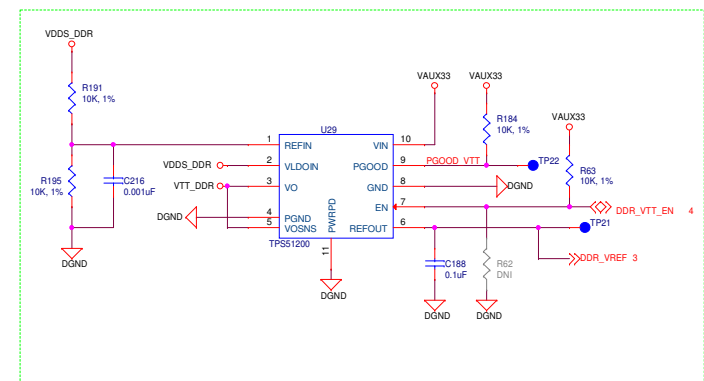
Terminations



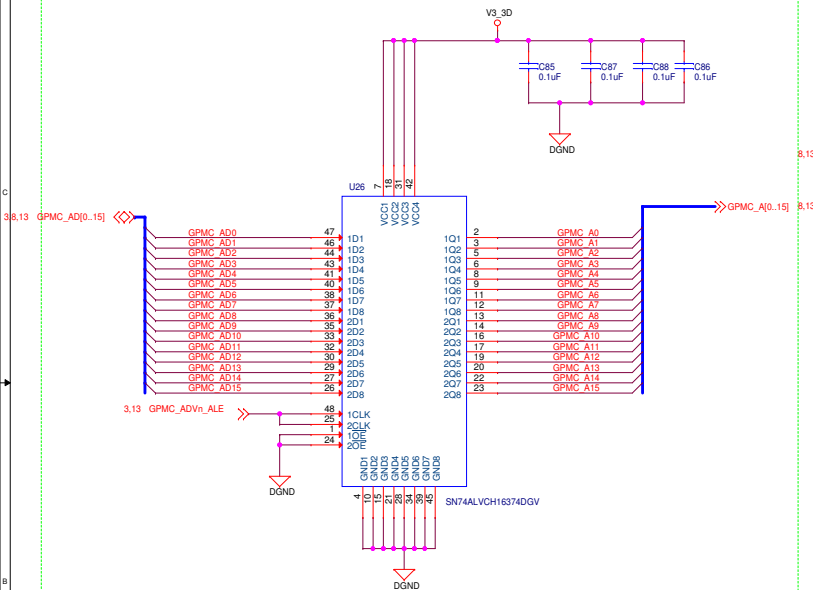
DECAPS



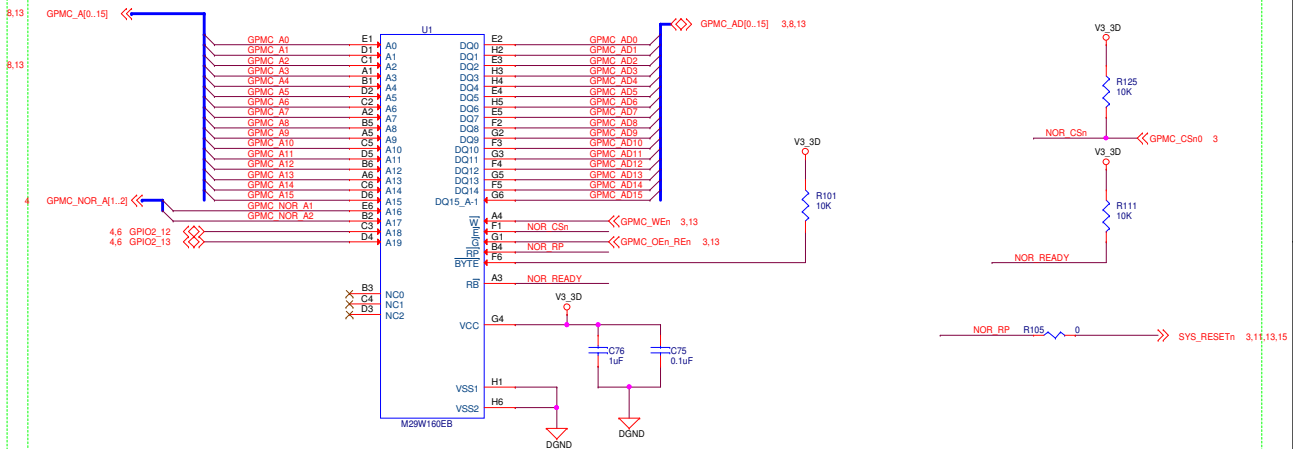
VTT REGULATOR



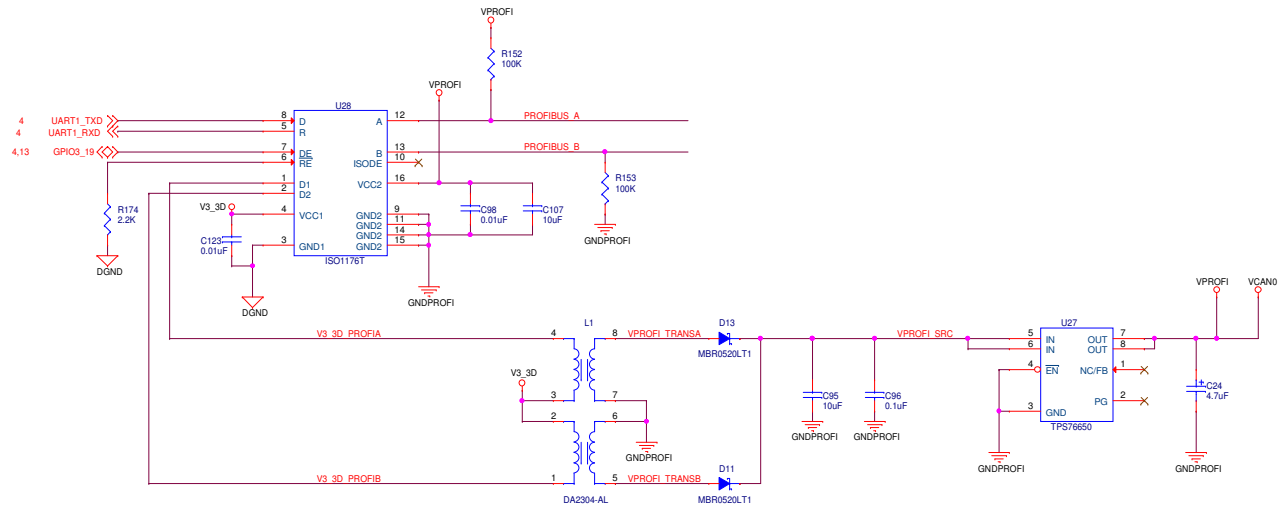
D FLIPFLOP



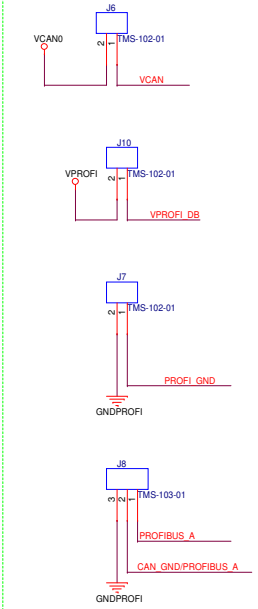
NOR FLASH



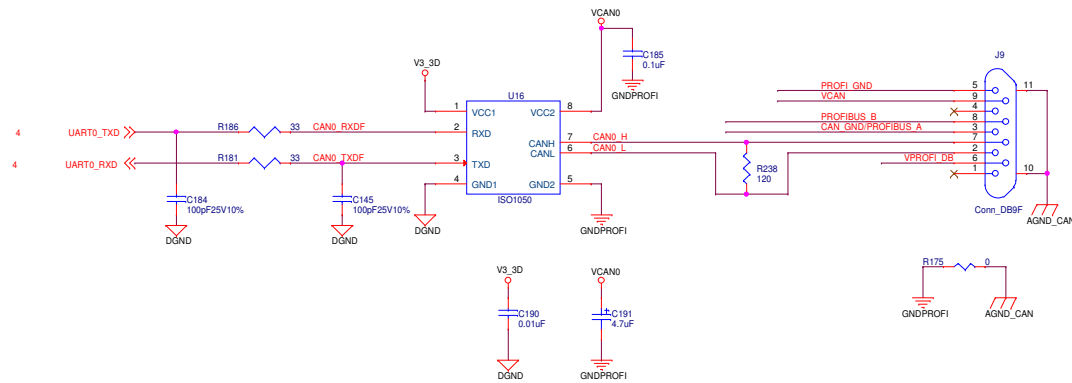
PROFIBUS



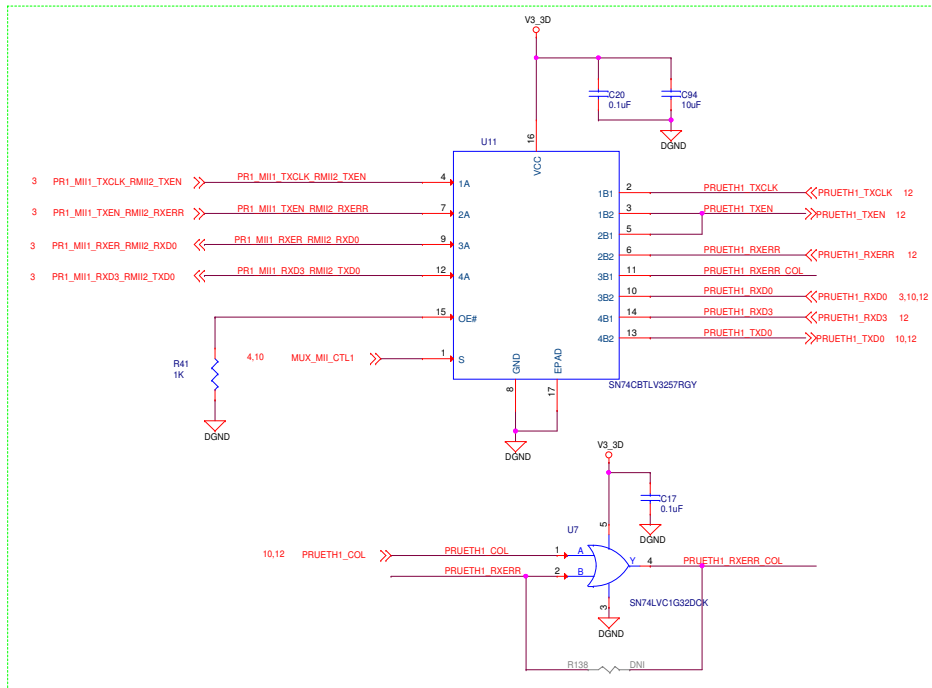
CAN / PROFIBUS SELECTION



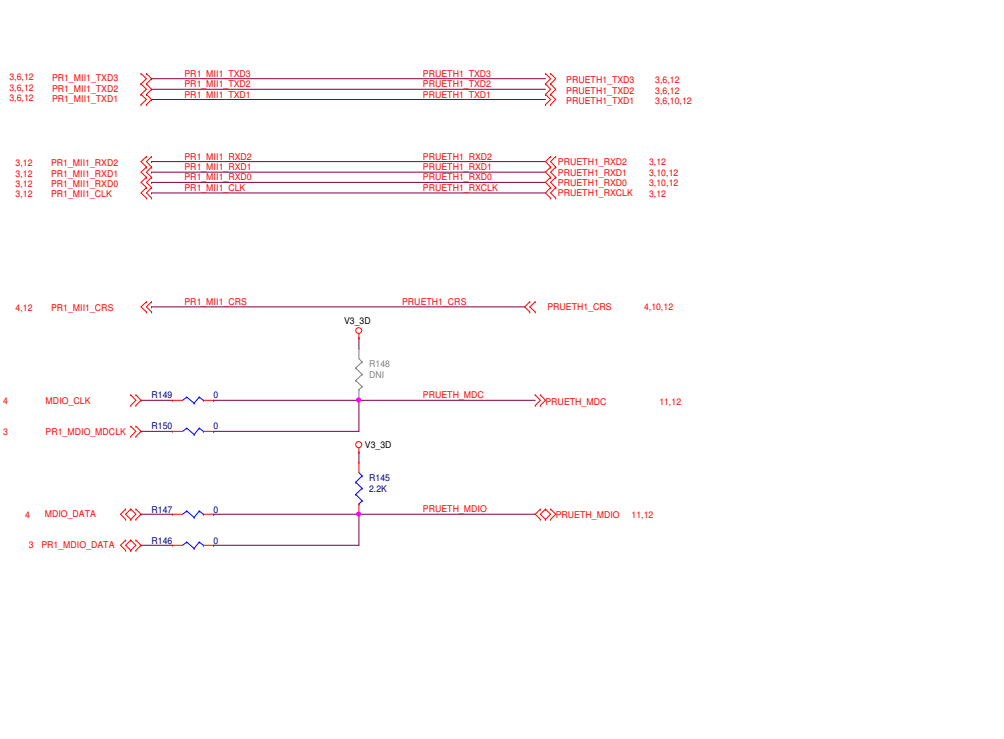
CAN PORT



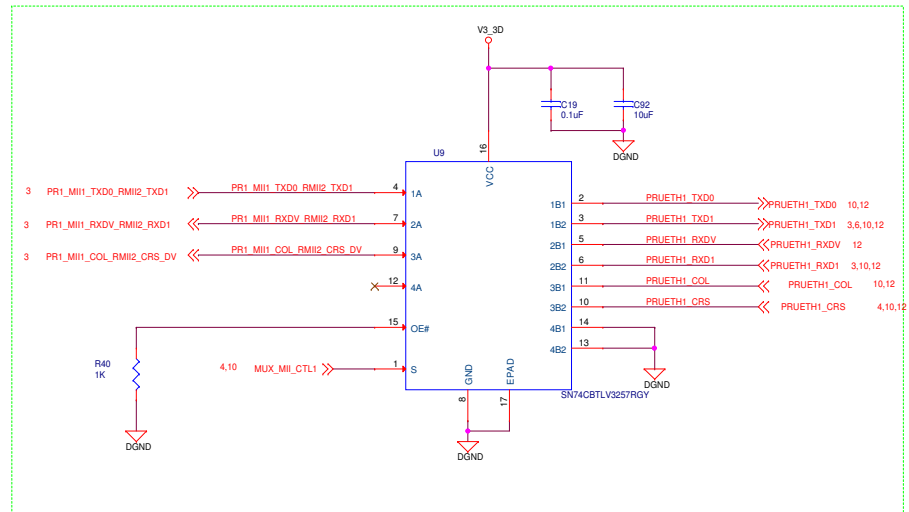
MII1_MUX1



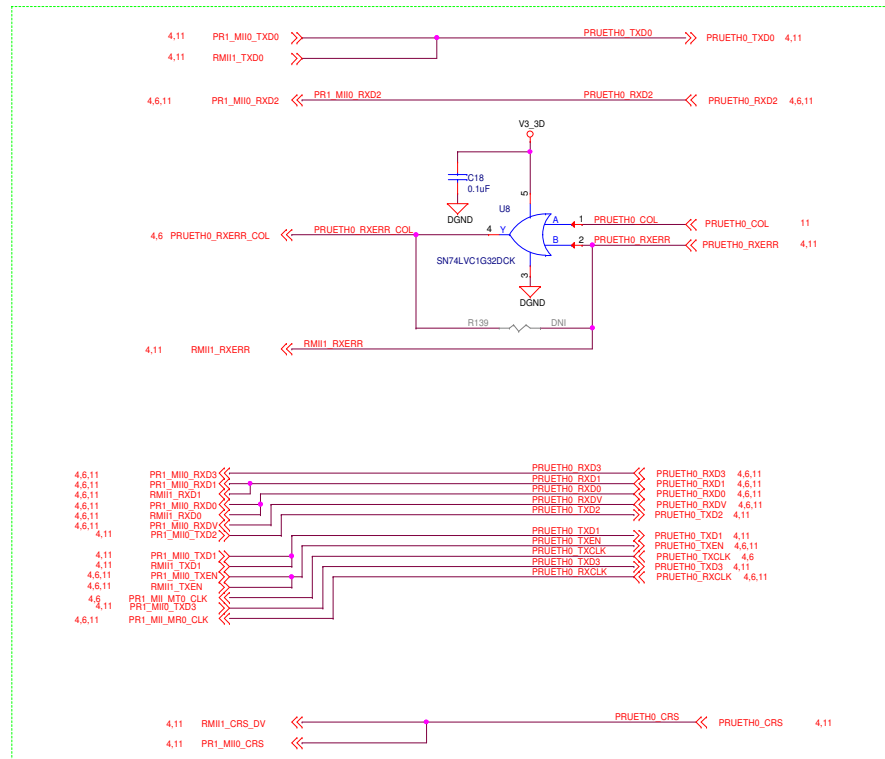
MII1_MUX



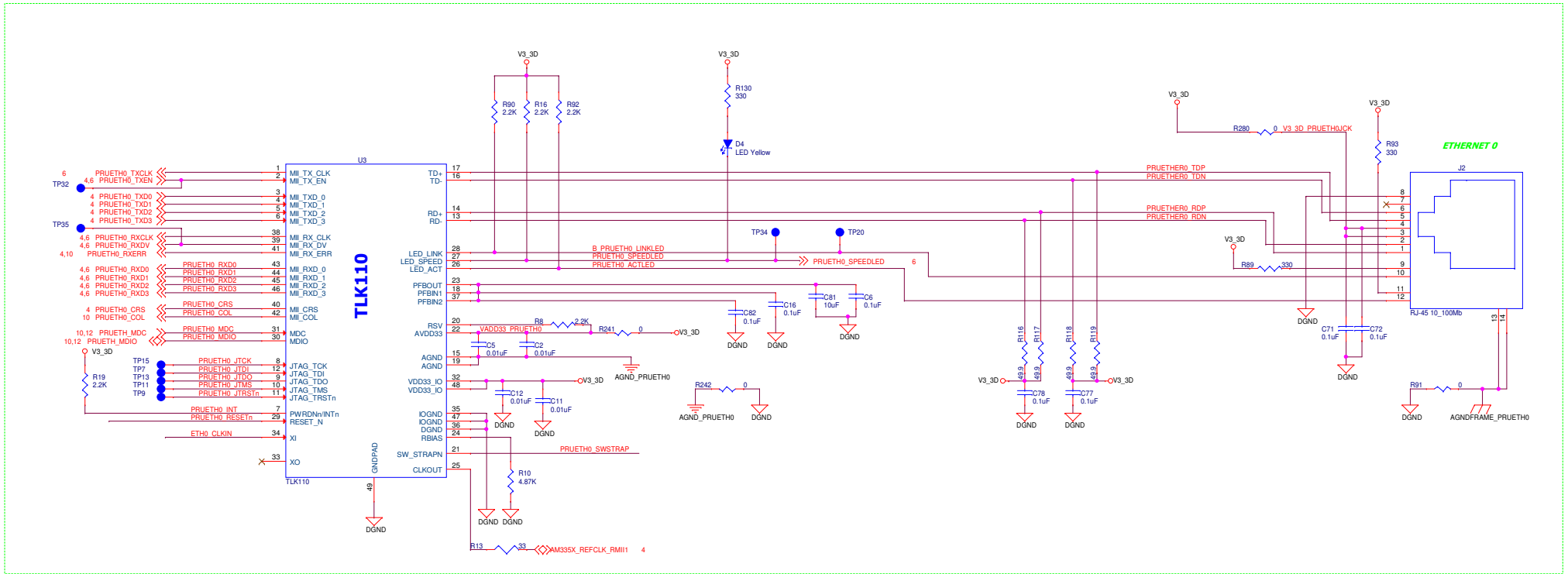
MII1_MUX2



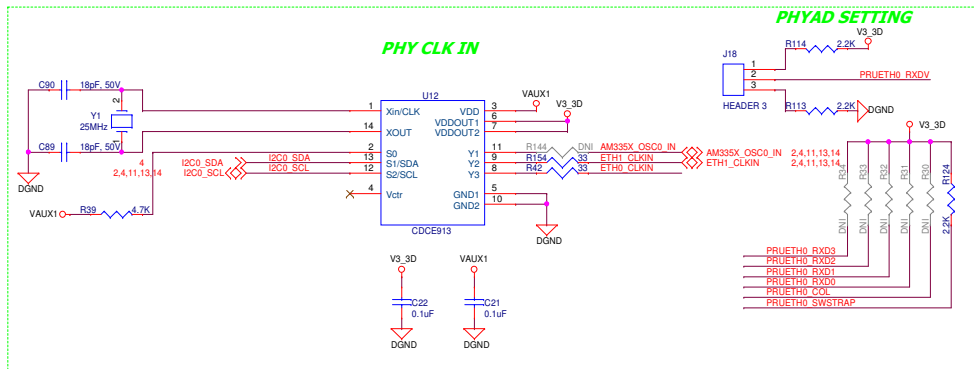
MII0_MUX



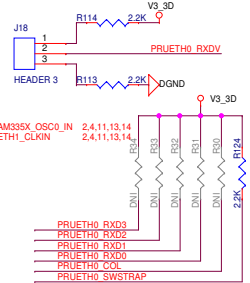
ETHERNET 0



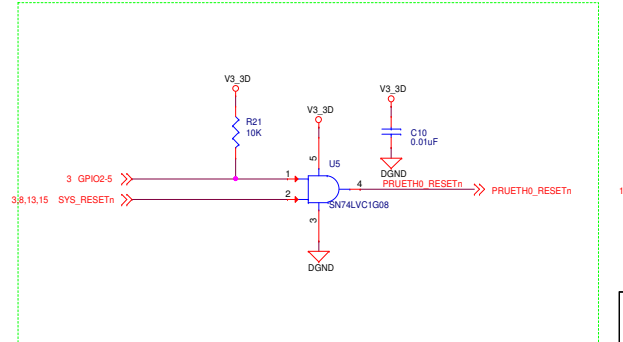
PHY CLK IN

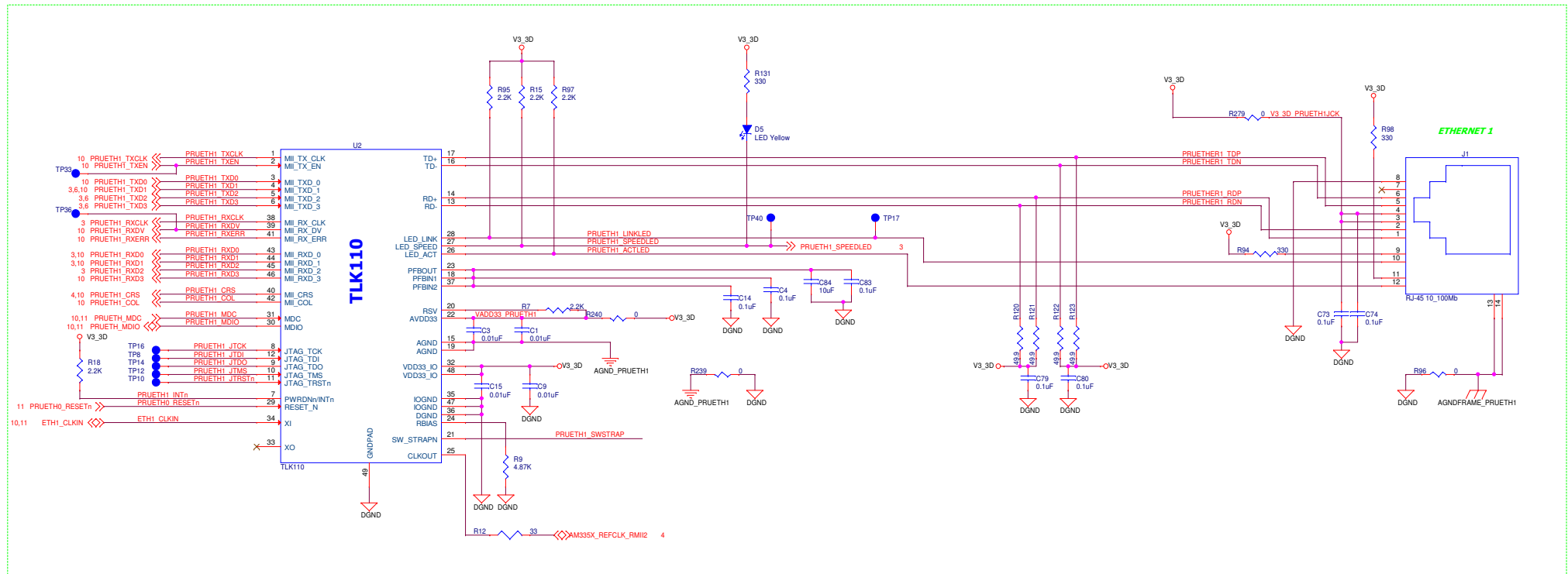


PHYAD SETTING

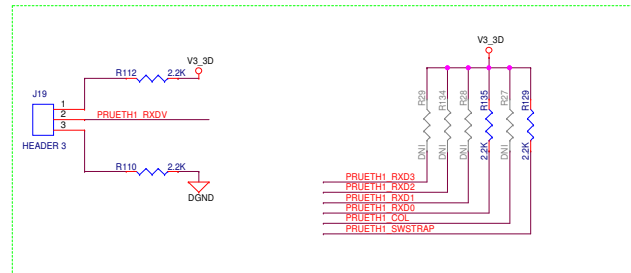


ETHERNET 0&1 RESET

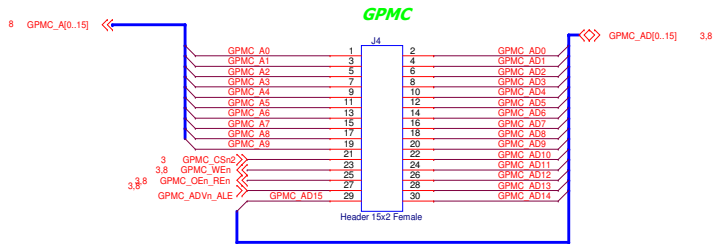


ETHERNET 1

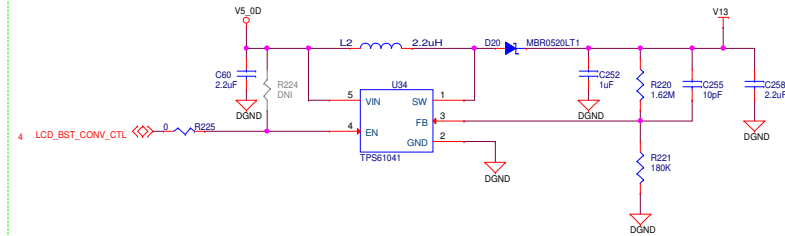
PHYAD SETTING



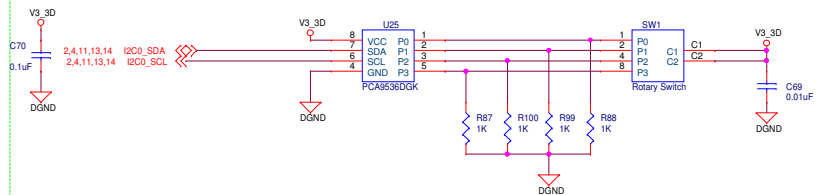
HOST EXPANSION HEADERS



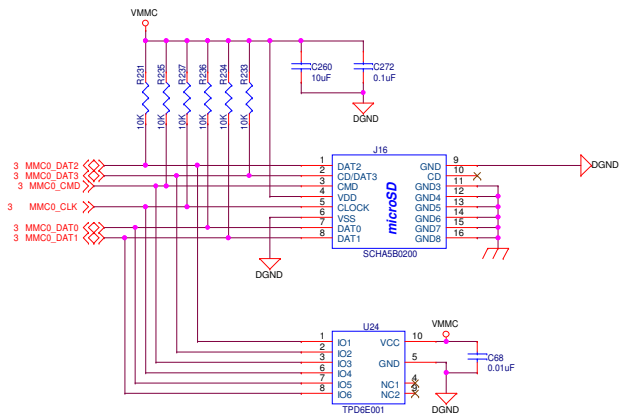
5V TO 13V BOOST CONVERTER



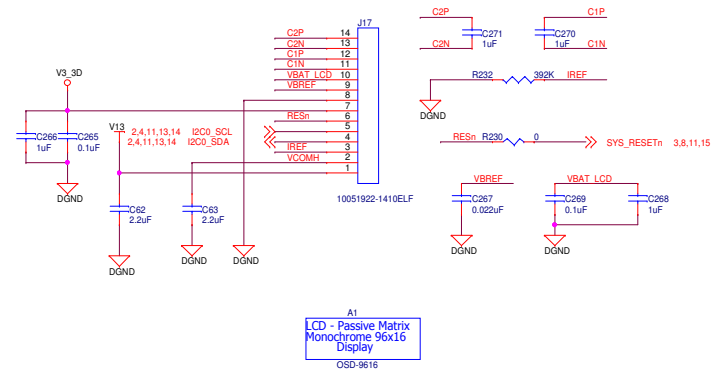
ROTARY SWITCH - INDUSTRIAL ETHERNET SLAVE ADDRESS SELECTOR



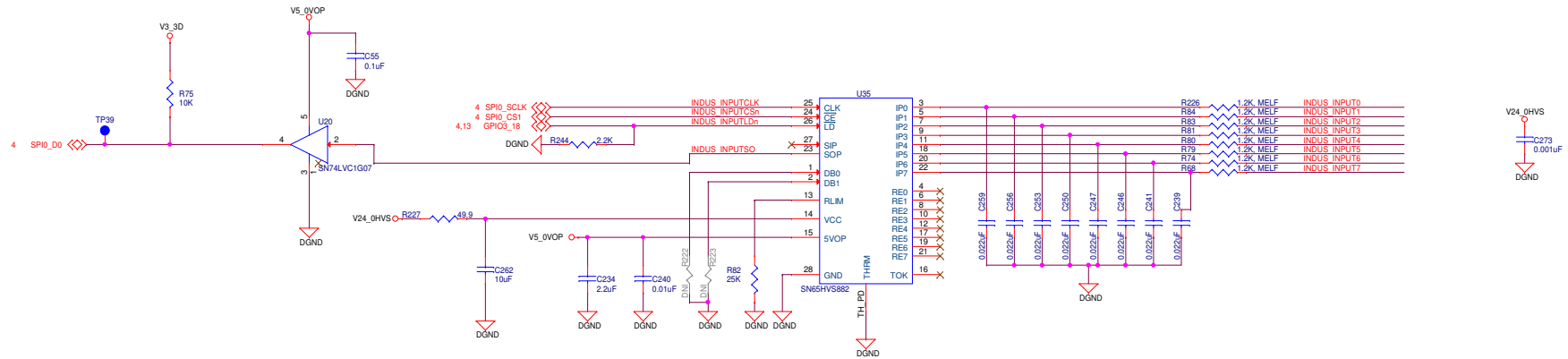
MICRO SD CARD SOCKET



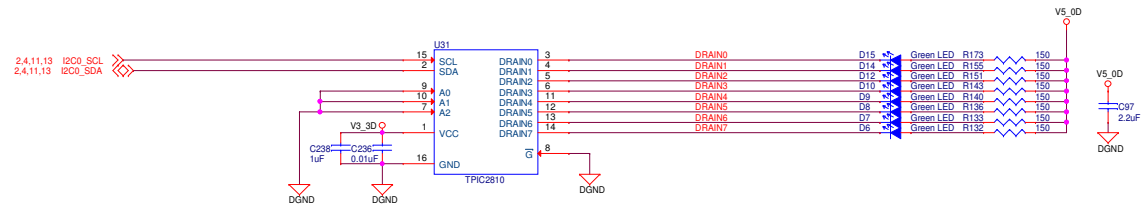
MONOCHROME LCD INTERFACE



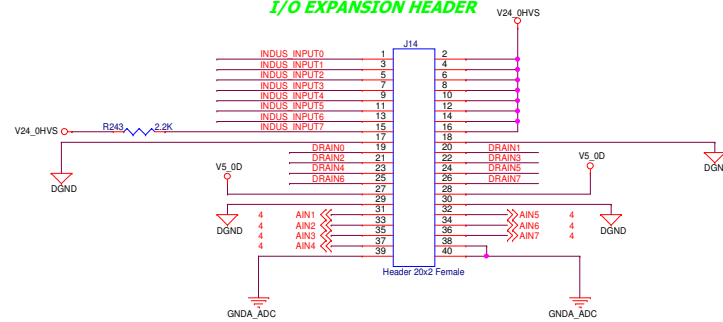
DIGITAL INPUTS



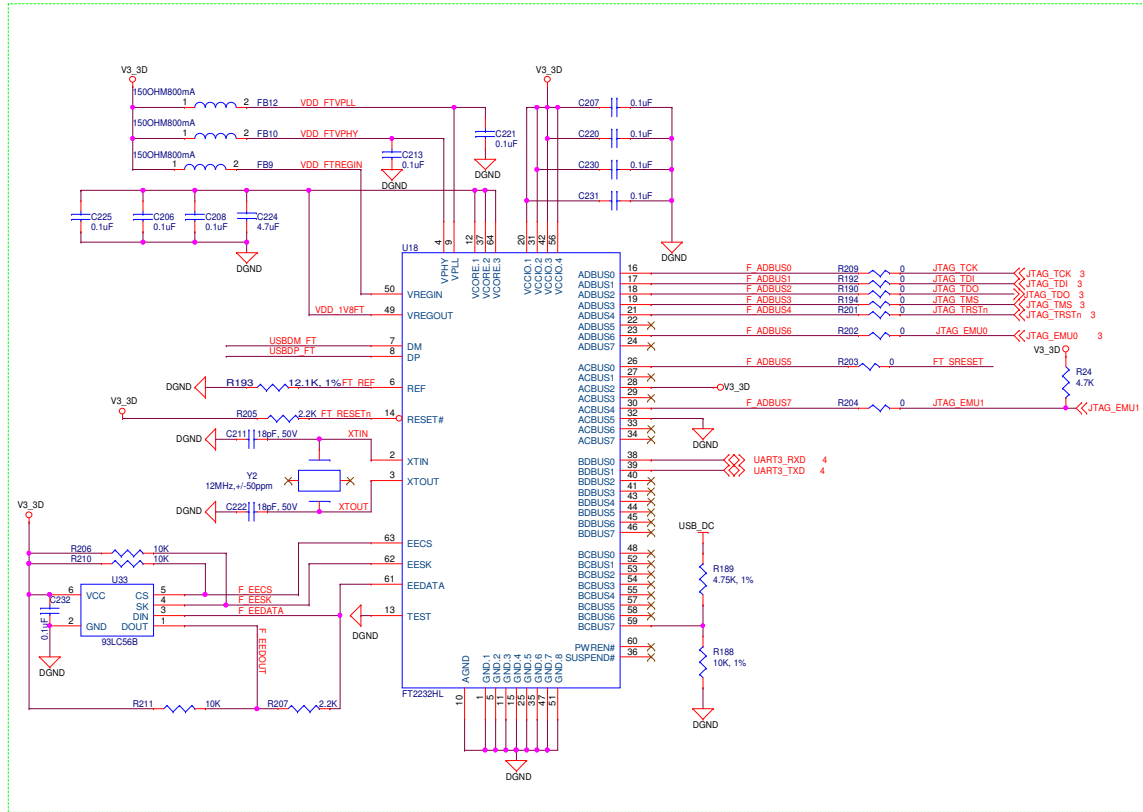
DIGITAL OUTPUTS



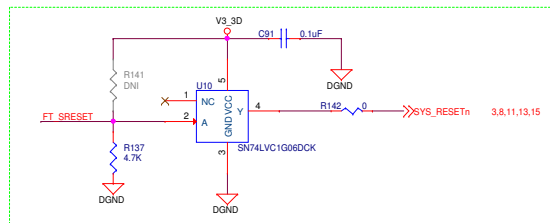
I/O EXPANSION HEADER



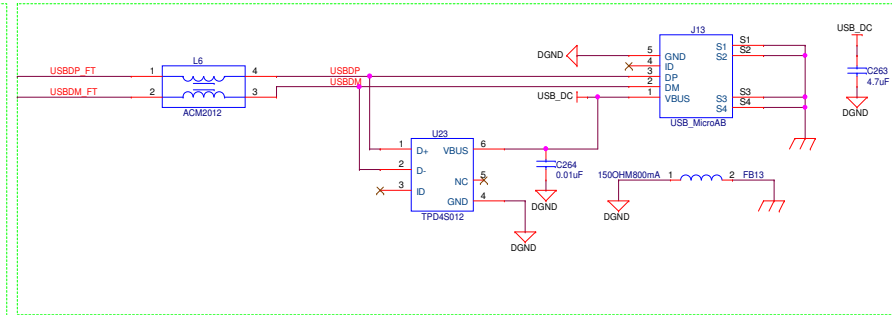
USB TO UART / JTAG



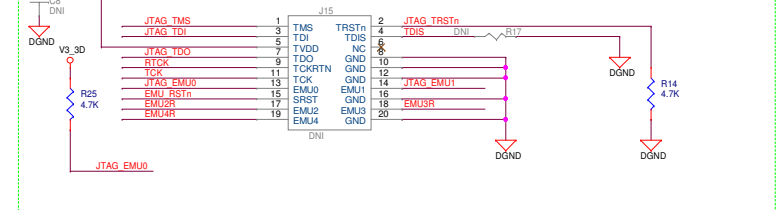
FT2232L RESET



Micro USB-AB



10X2 JTAG HEADER



BREAK UP RESISTORS

