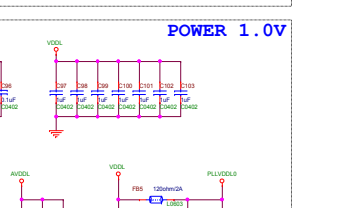
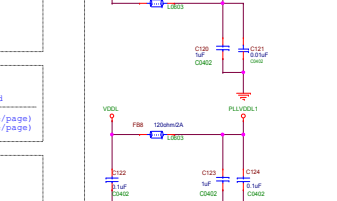
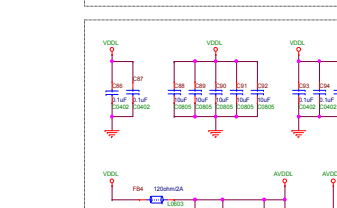
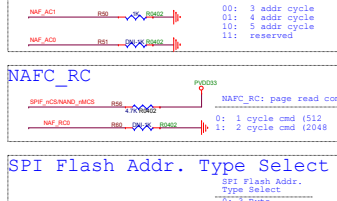
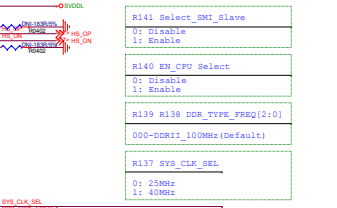
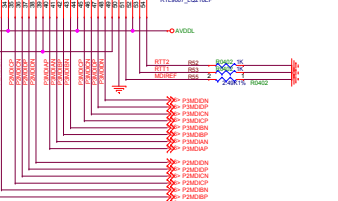
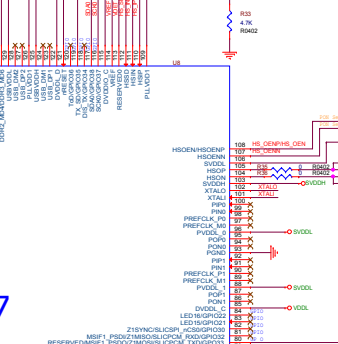
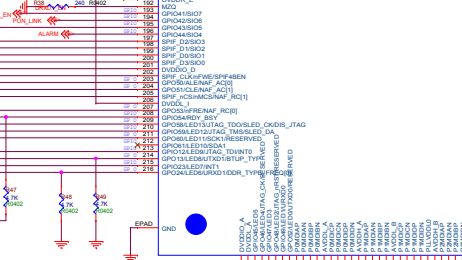
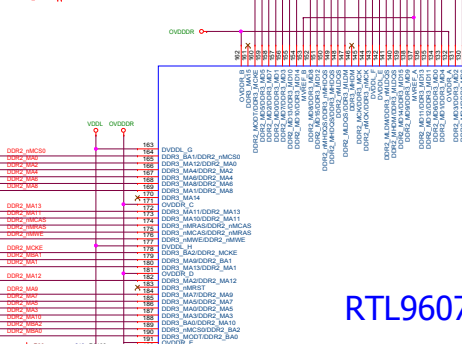
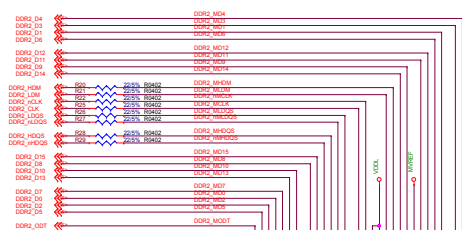
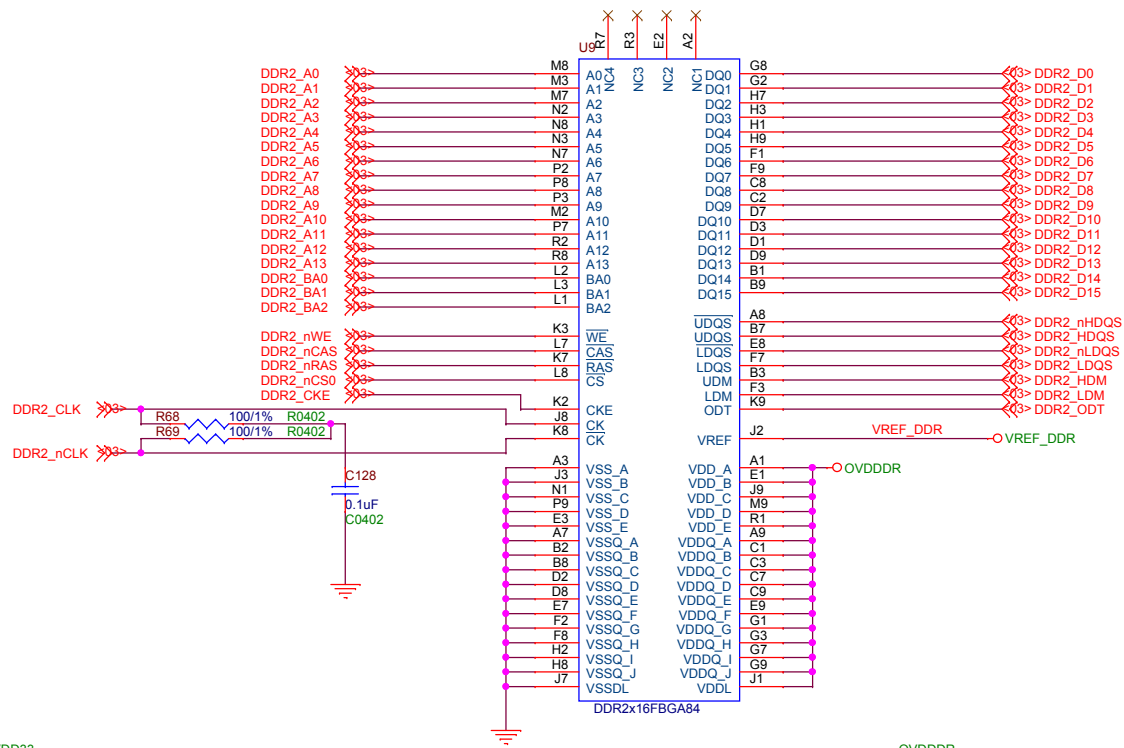
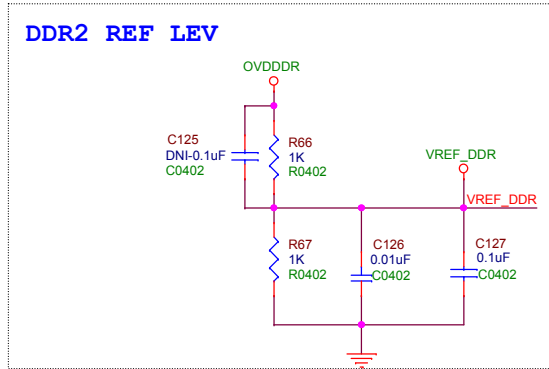


[illegible]

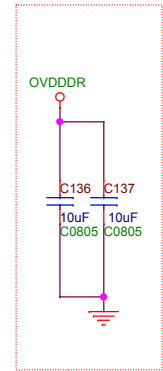
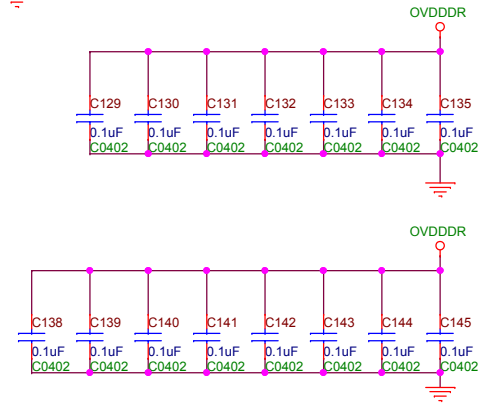
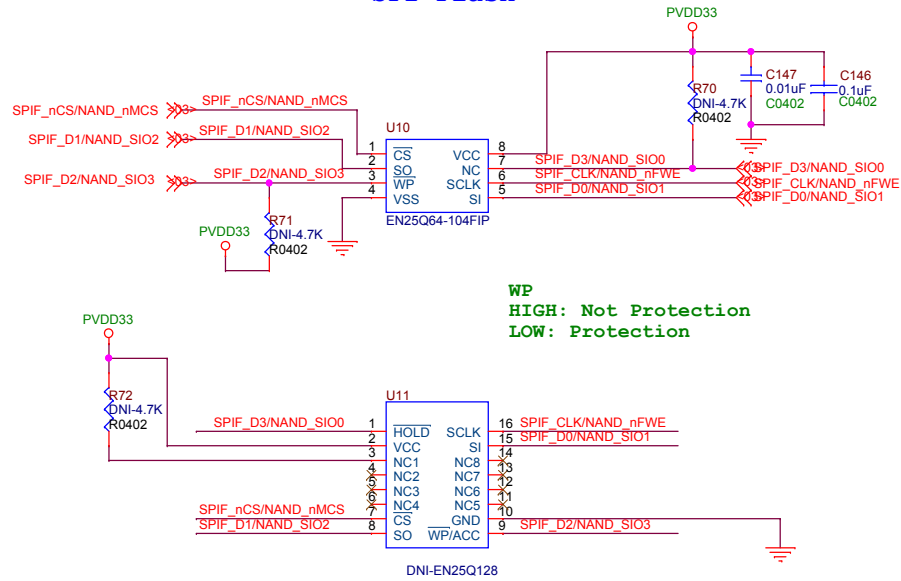
The schematic diagram illustrates the power supply section of the ADXL345 module. It features a PVD033 input connected to a network of capacitors (C24, C21, C25, C26, C27, C28) and resistors (R9, R10, R11, R13). The circuit includes a 3.3V regulator (U3, SY8089B) and a 4.7uH inductor (L5). The output is connected to the VDDI pin of the ADXL345.

IF SY7208 : $V_{out}=0.6 \cdot (1+R_{109}/R_{108})$, $R_{109}=174K$, $R_{108}=10K$

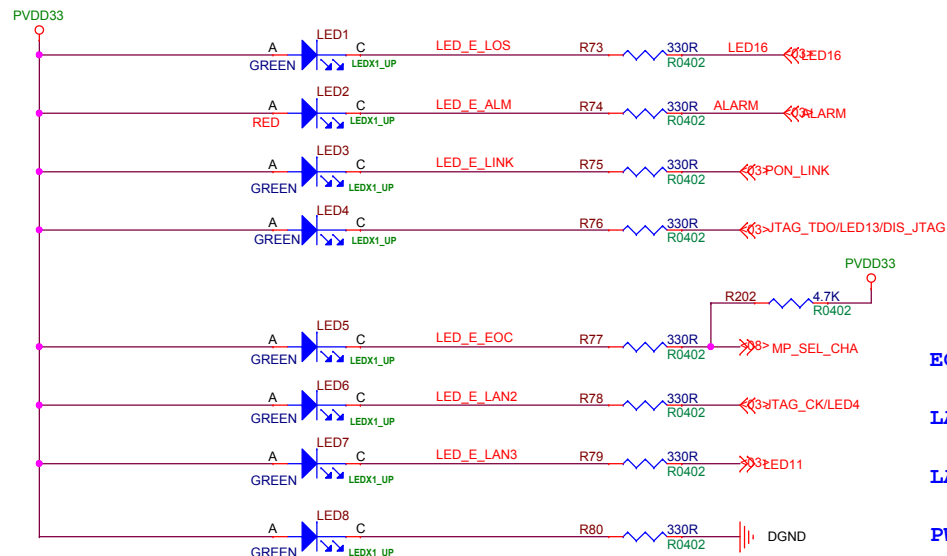




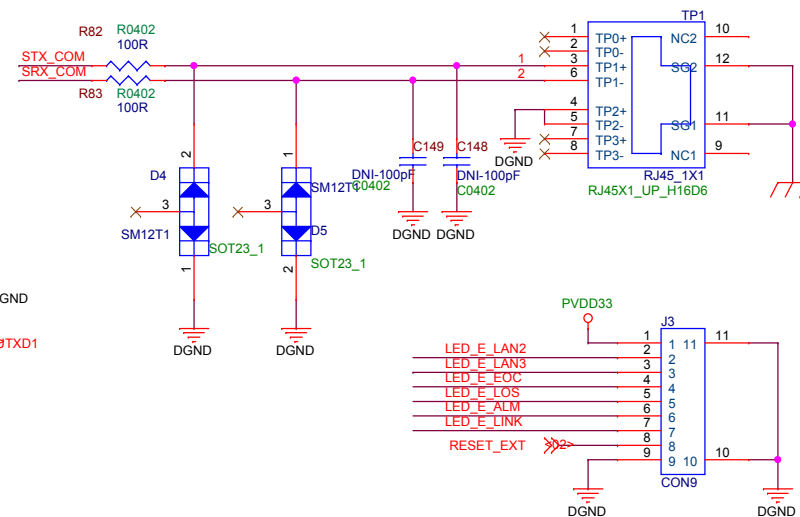
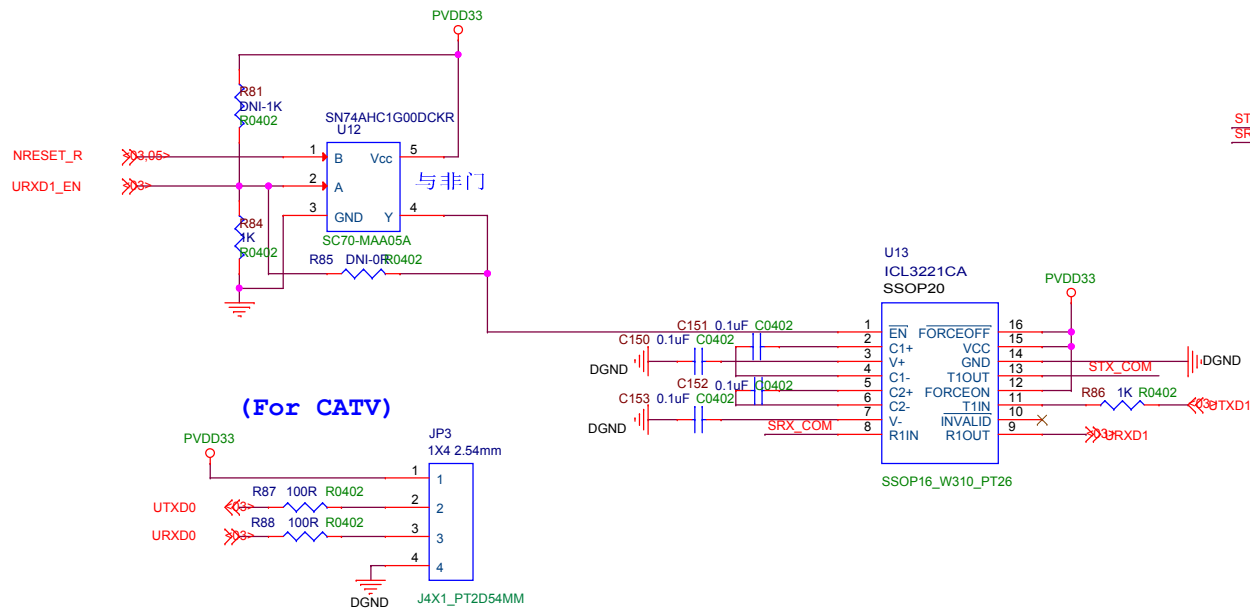
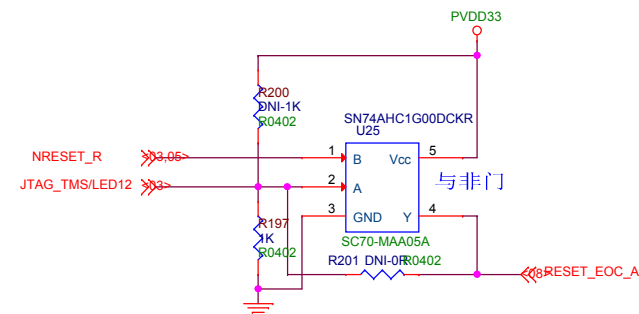
SPI Flash

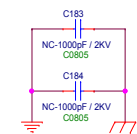
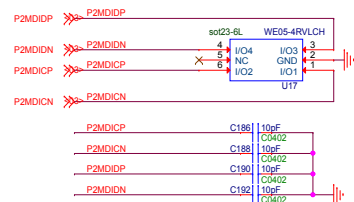
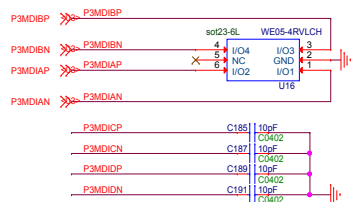
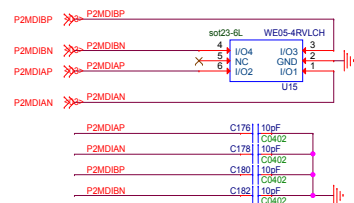
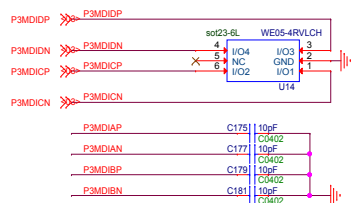
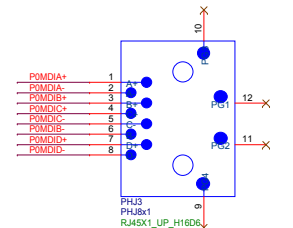
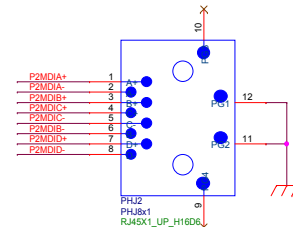
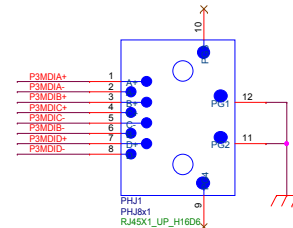
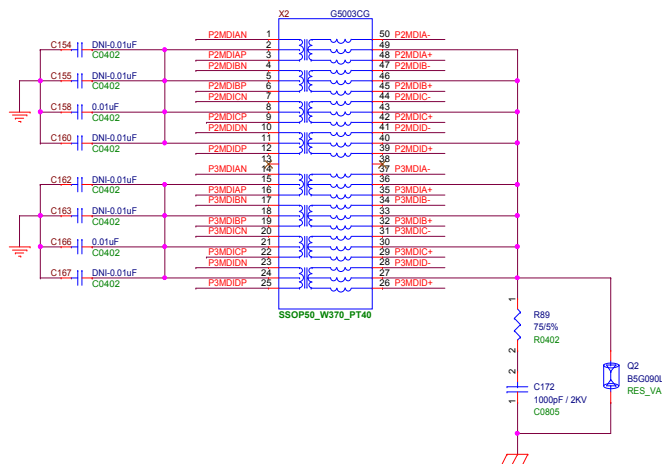
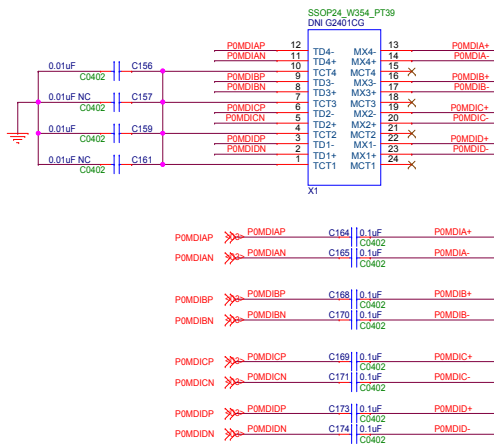


LED



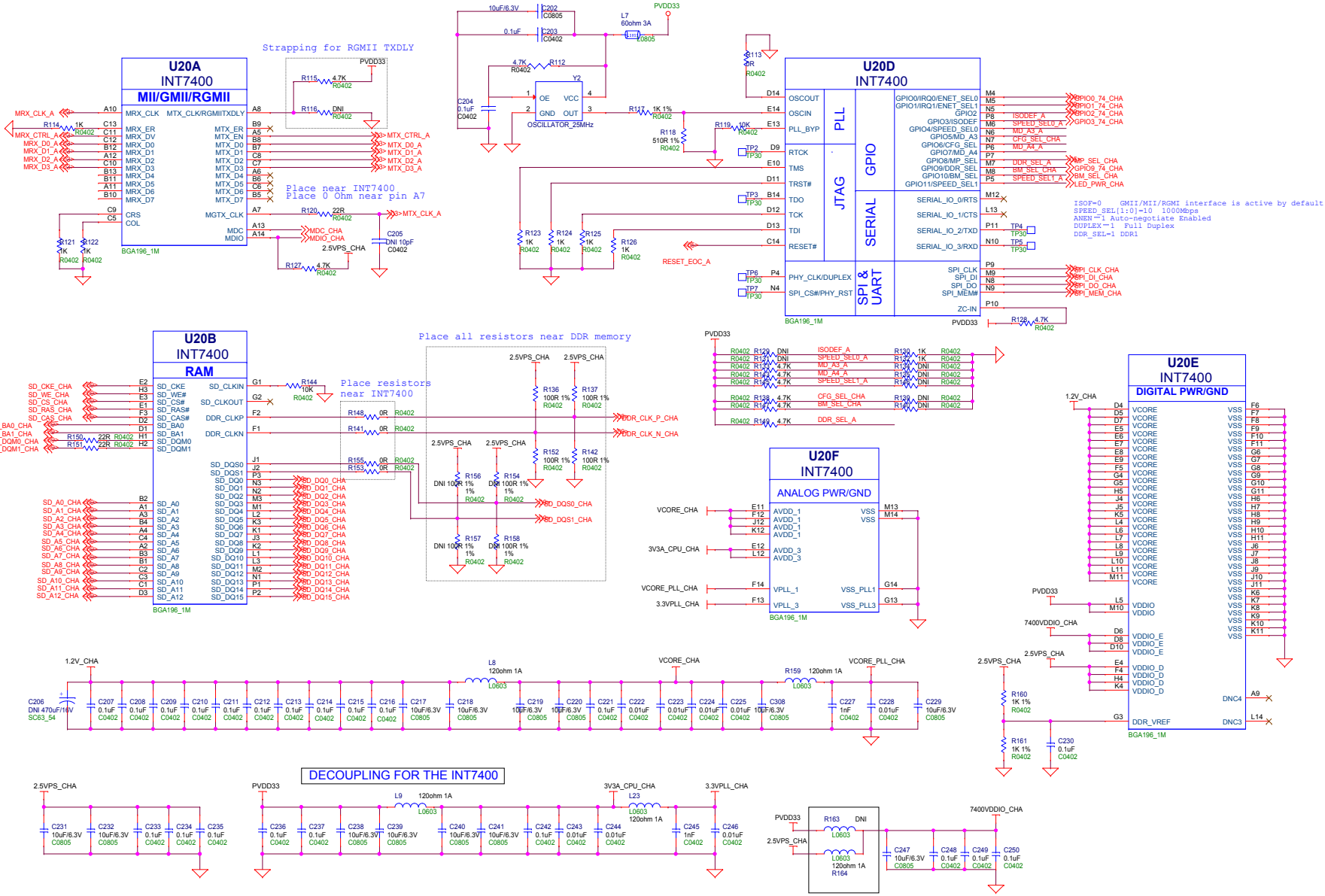
PON LOS
long radiation alarm
SYS
PON LINK
LAN0
EOC Dialg
LAN2
LAN3
PWR



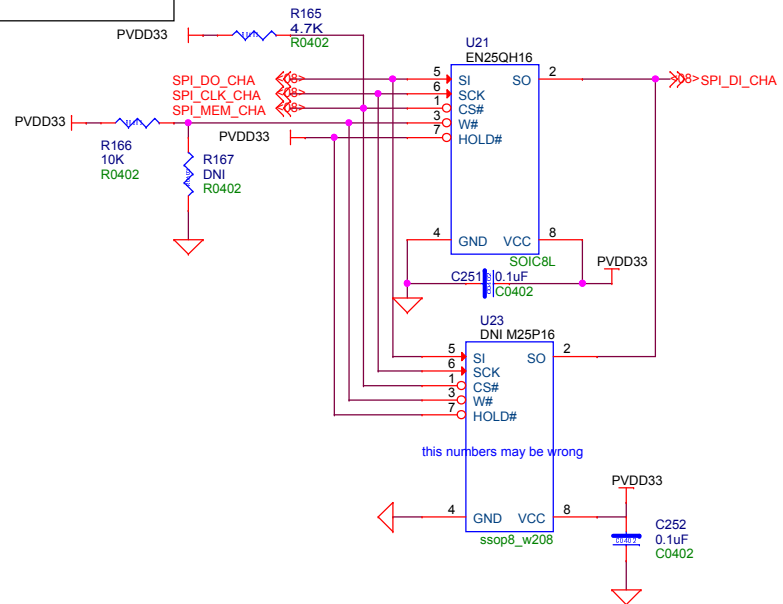


LAN3

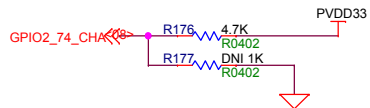
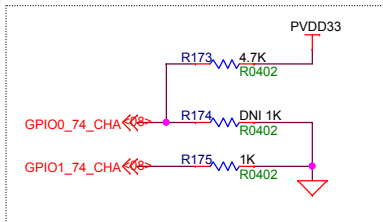
LAN2



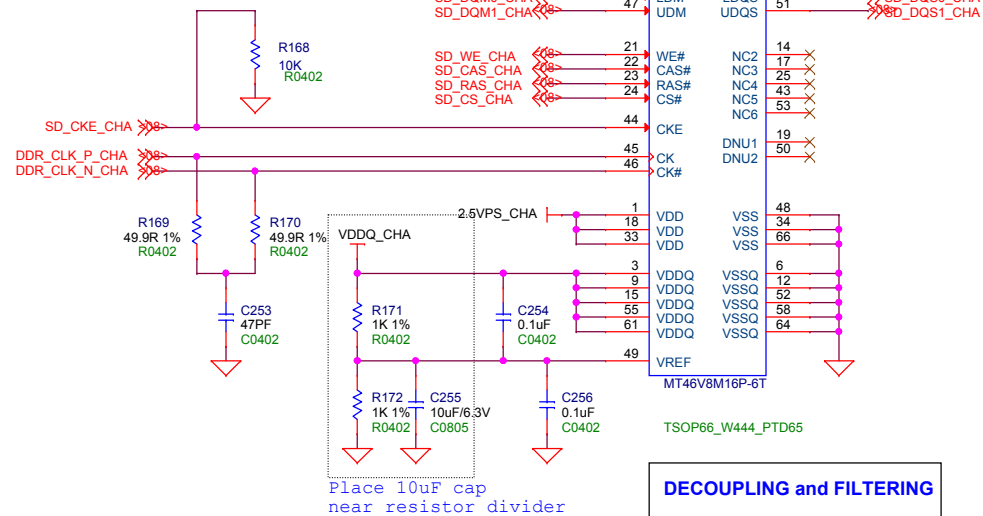
SERIAL FLASH & EEPROM



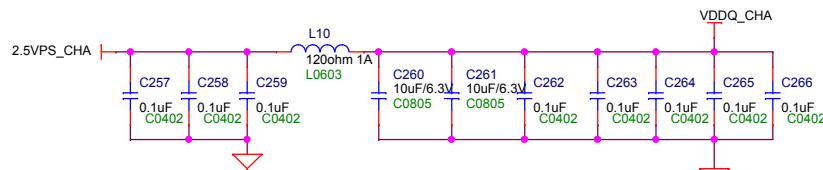
Strapping for ENET_SEL.
Set to RGMII with Install
option to add internal RX delay.

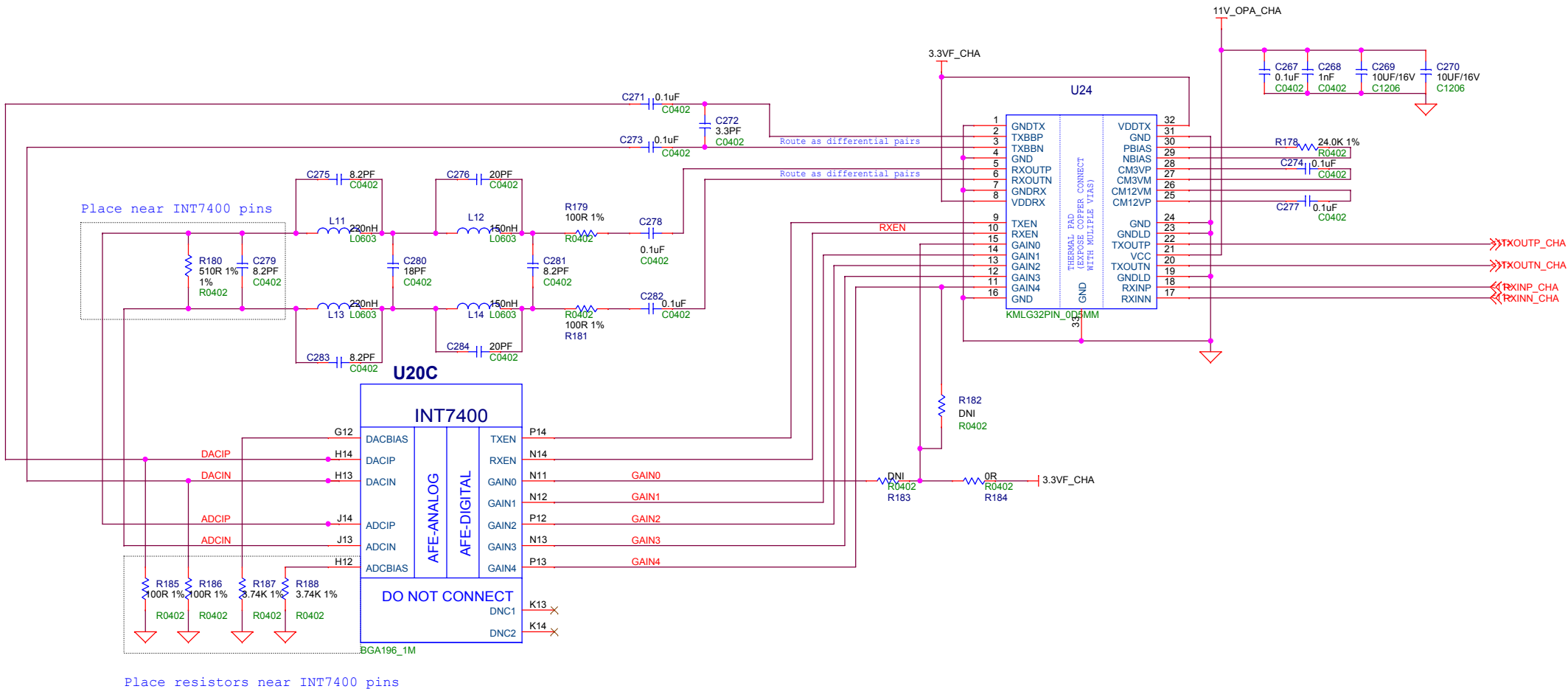


SD A12 is routed to
allow the installation
of larger memory device.



DECOUPLING and FILTERING





AFE 3.3VA DECOUPLING

