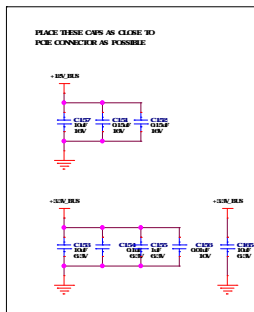
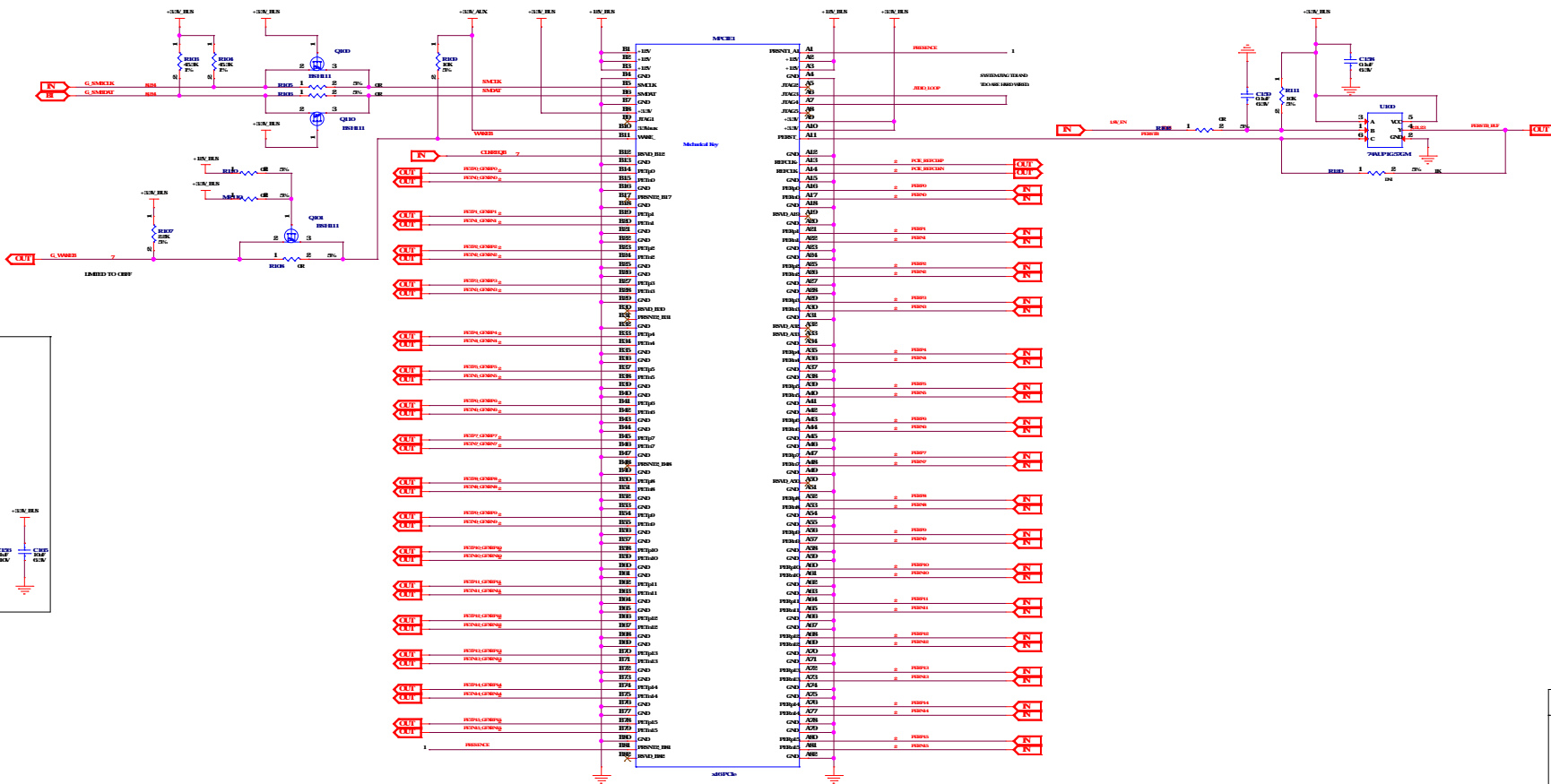




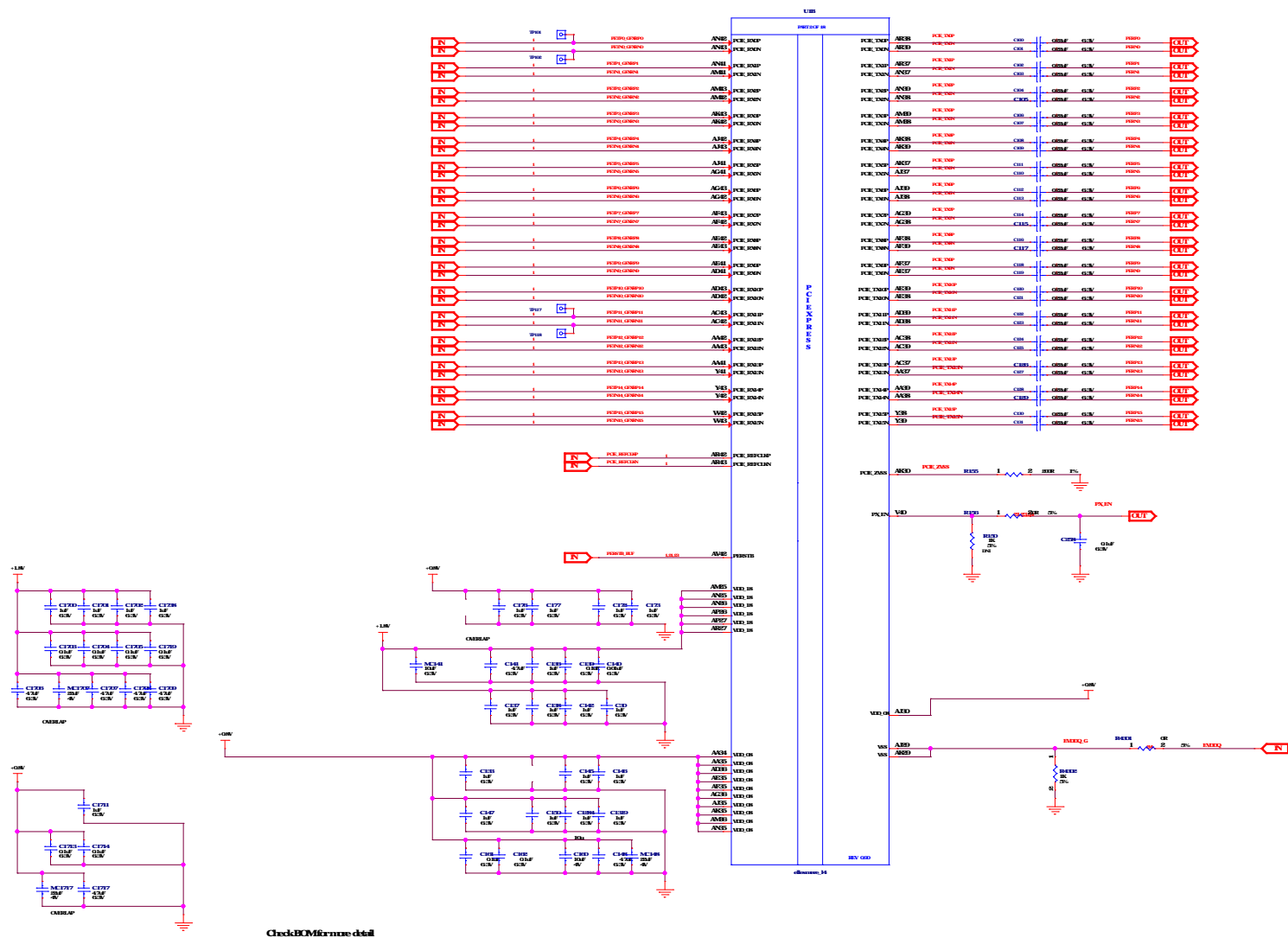
(1) PCI EXPRESS EDGE CONNECTOR

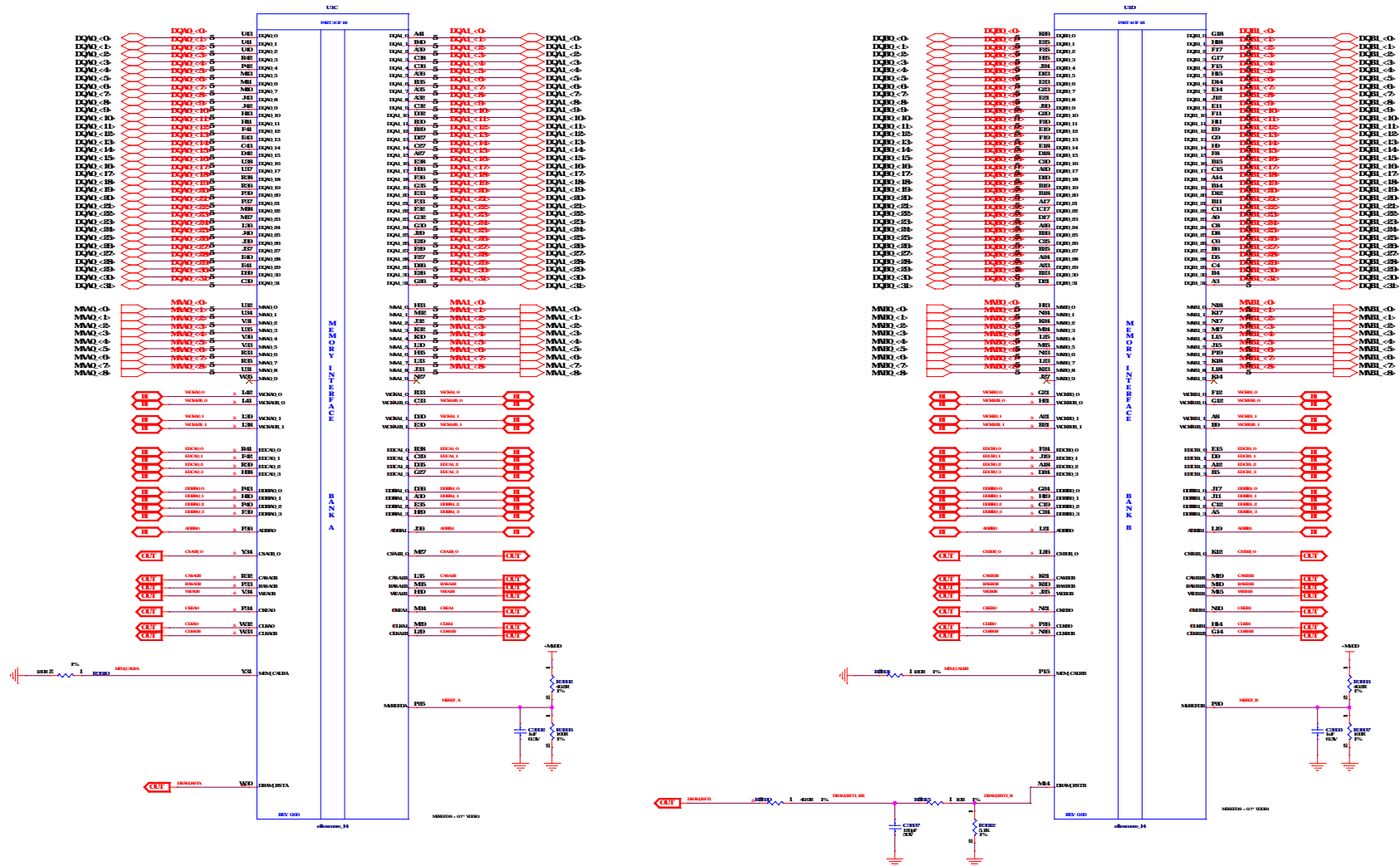


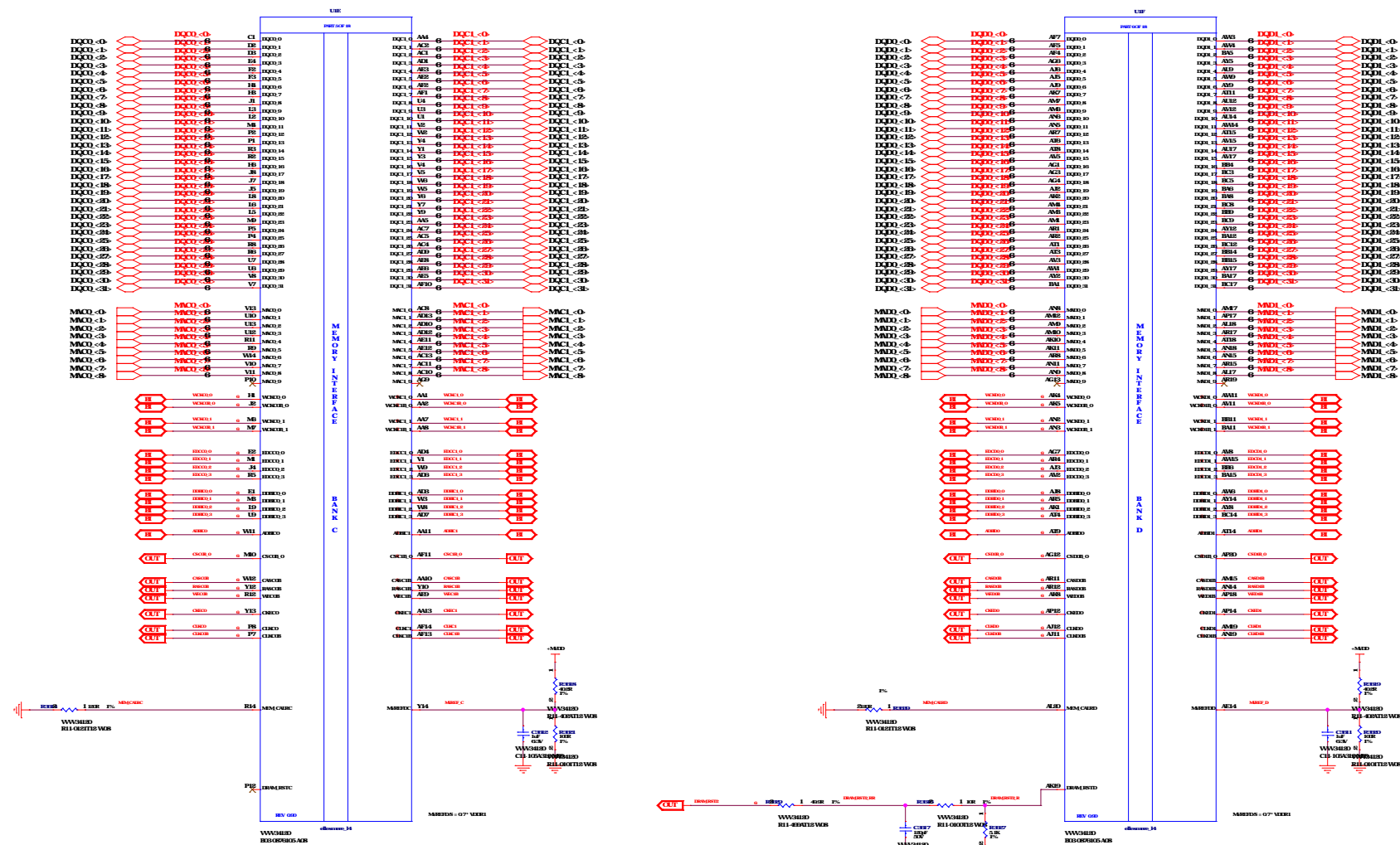
SYMBOL LEGEND	
DNI	DO NOT INSTALL
ISAC	AC/DC ISOL
BOO	BRING UP ONLY
	DIGITAL GROUND
	ANALOG GROUND



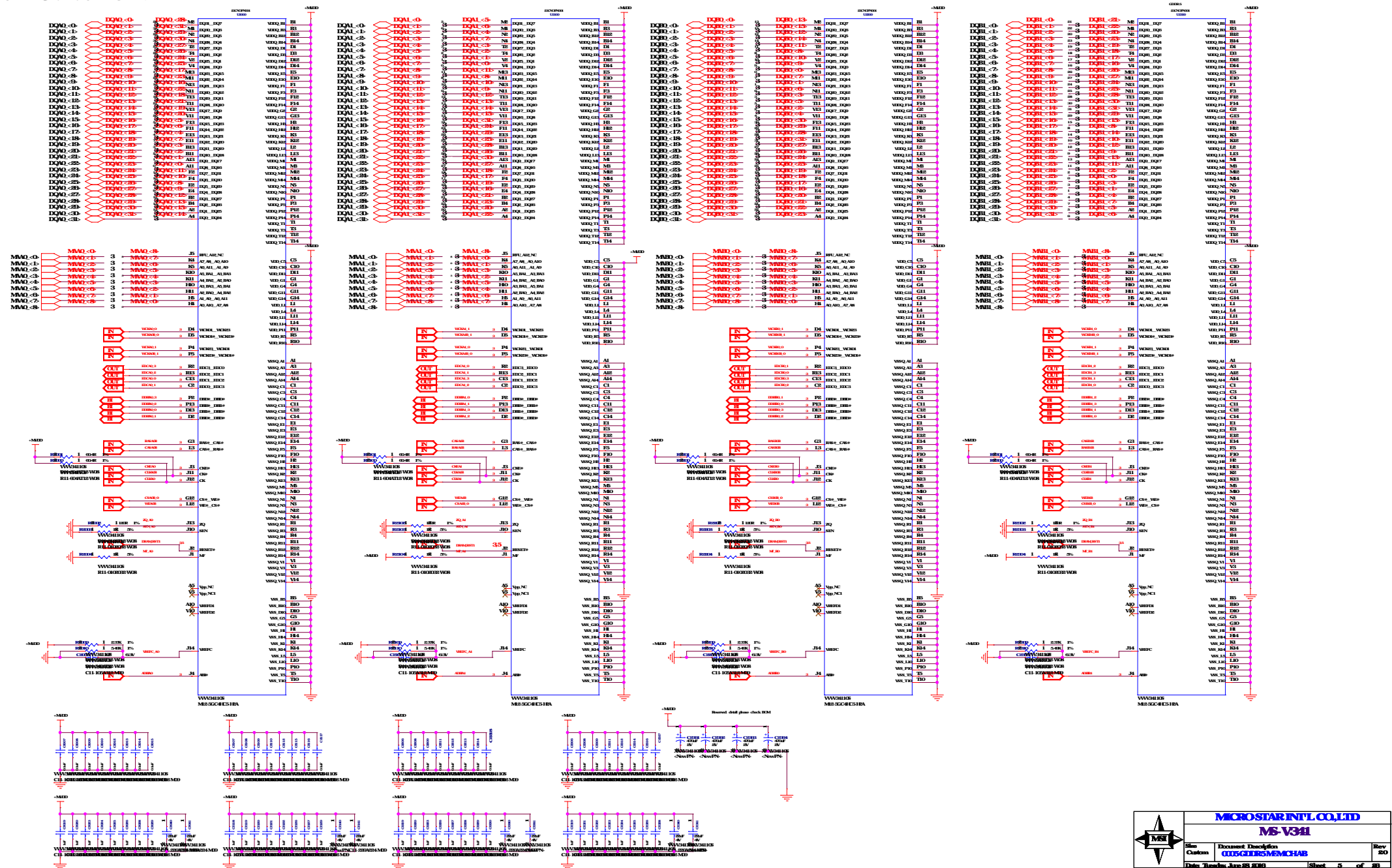
(2) ELLESMERE PCIe INTERFACE



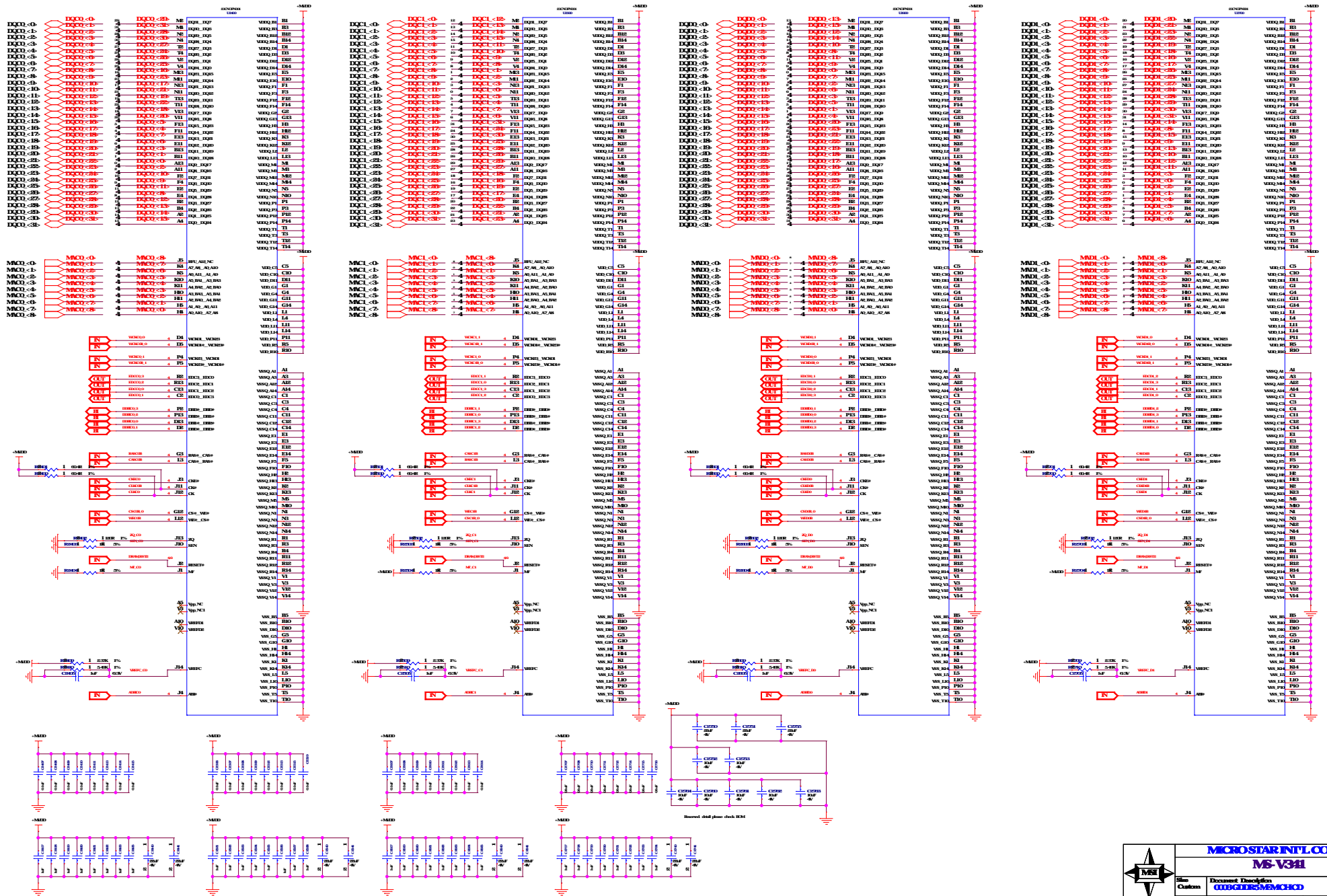




(5) GDDR5 MEMORY CHAB



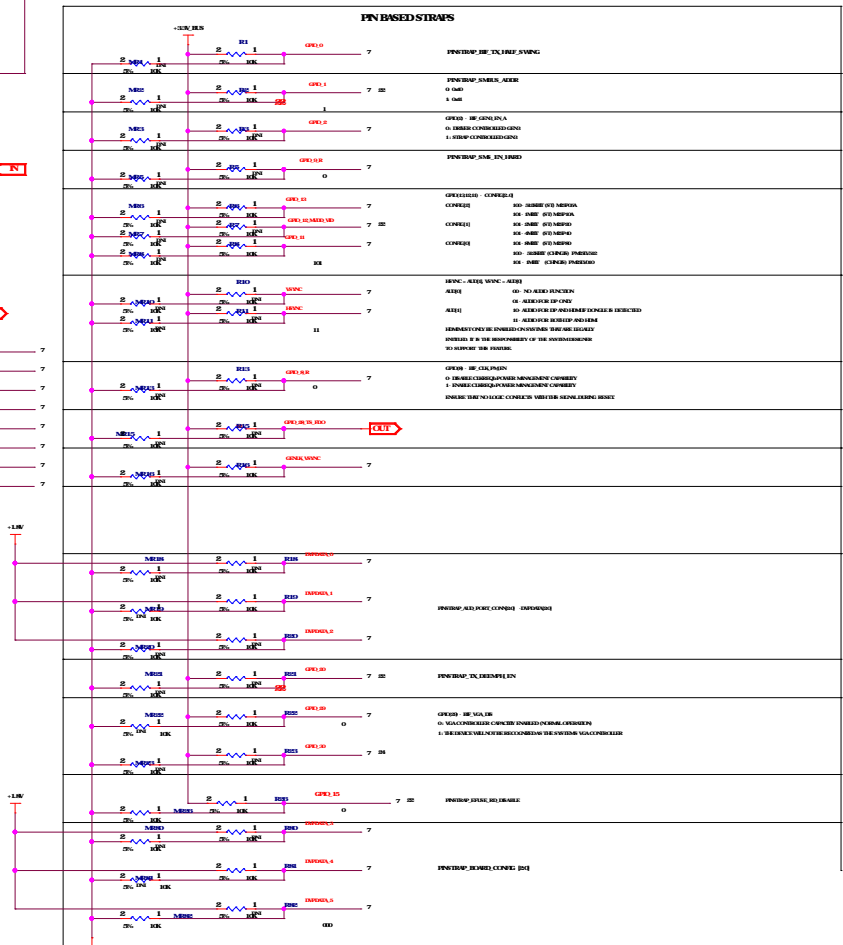
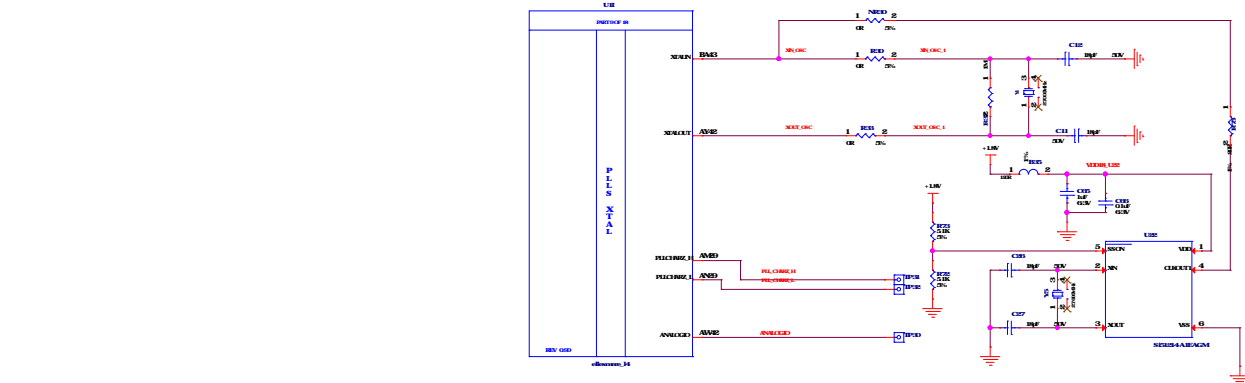
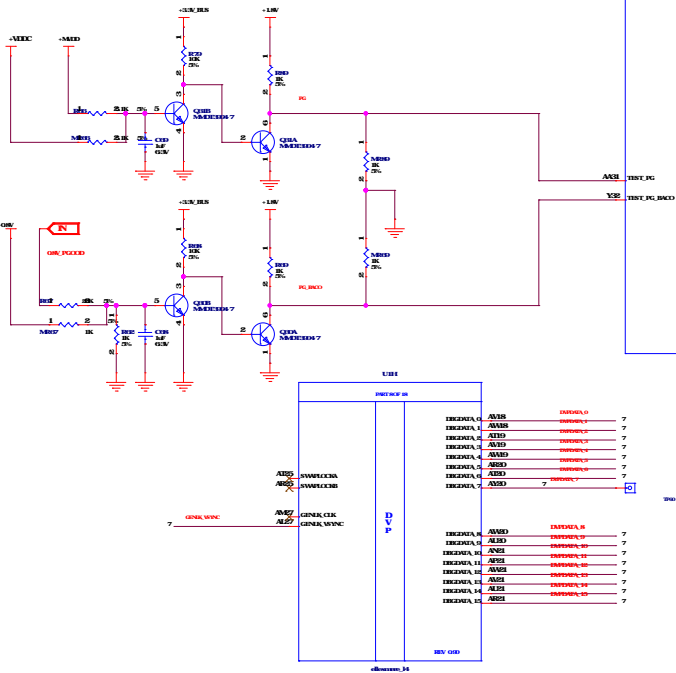
(6) GDDR5 MEMORY CHC/D

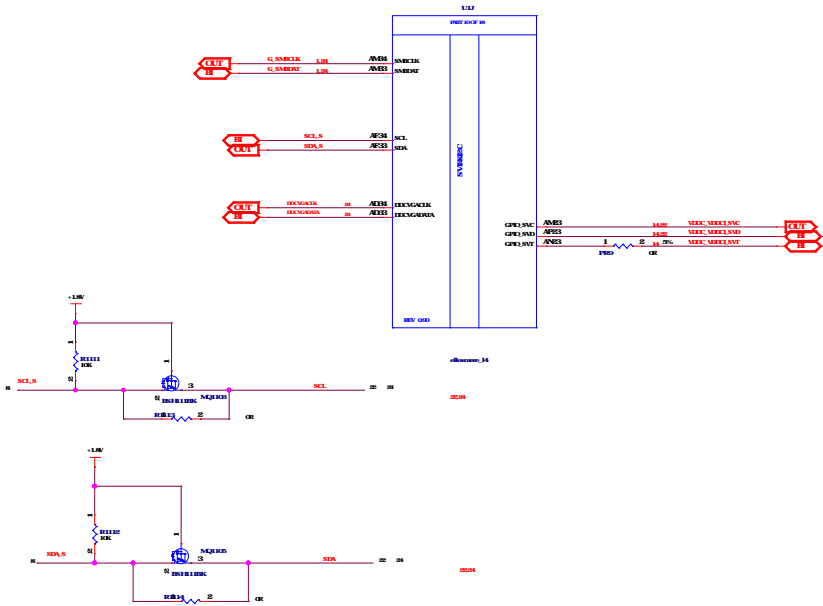


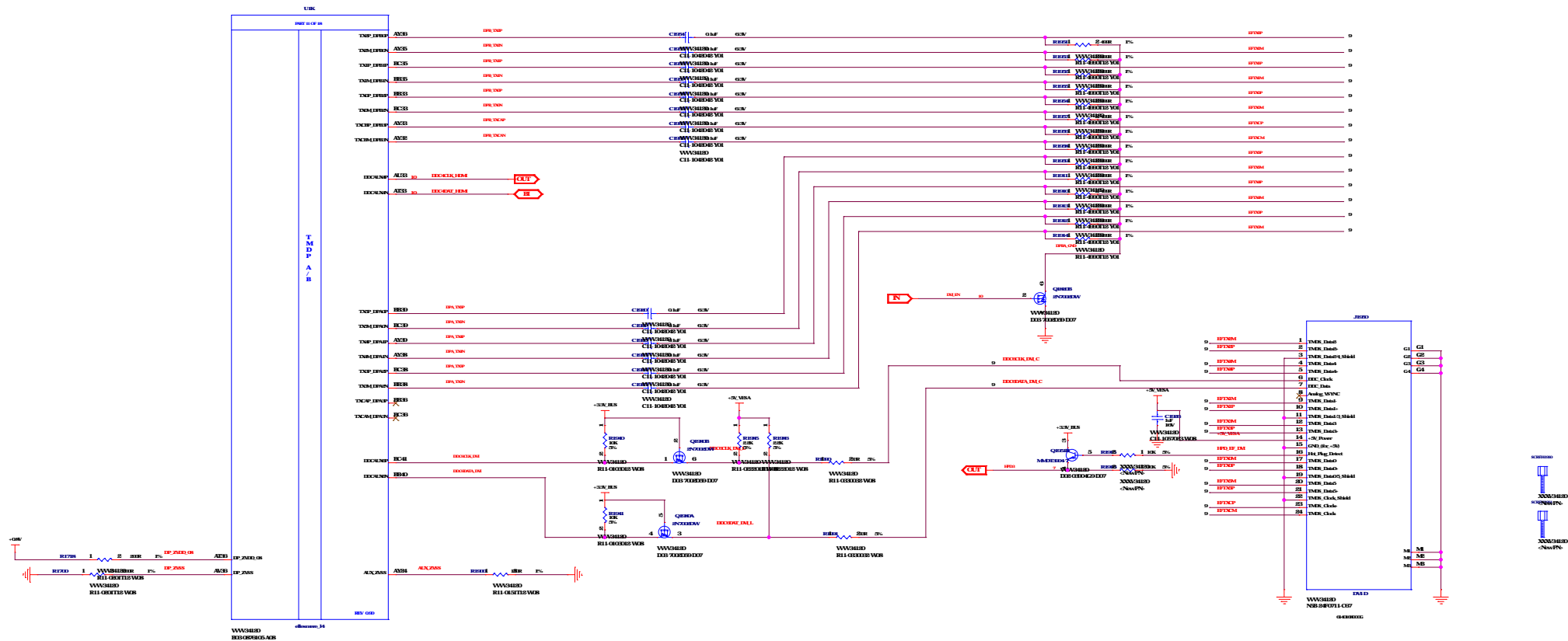
ELLESmere GPIO STRAP OF XIAL

REMARKS	FUNCTION	REMARK

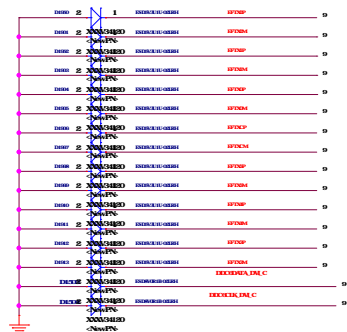
REMARKS	FUNCTION	REMARK

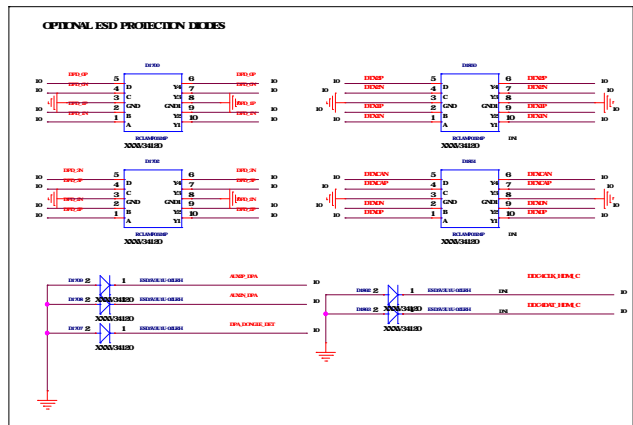
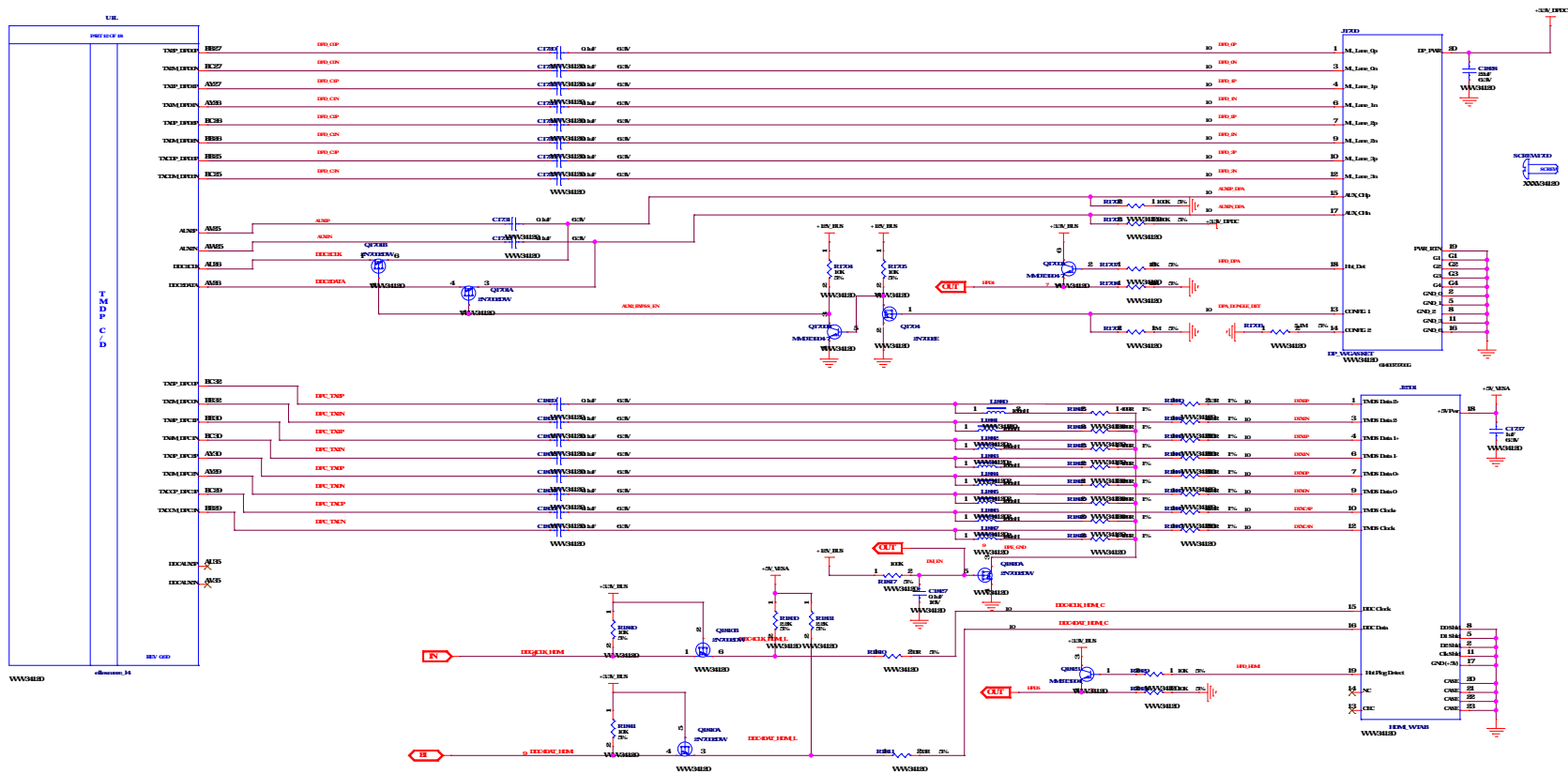




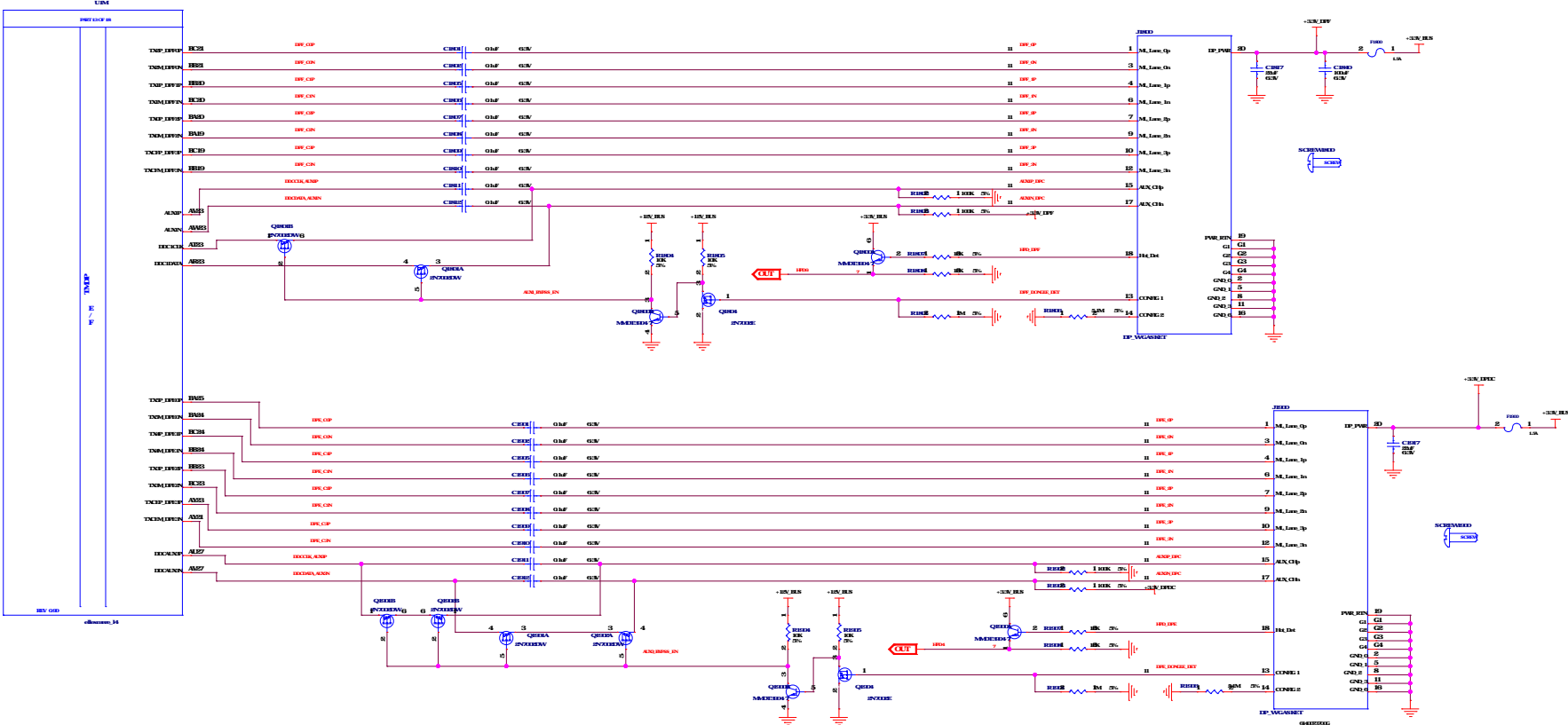


OPTIONAL ESD PROTECTION DIODES

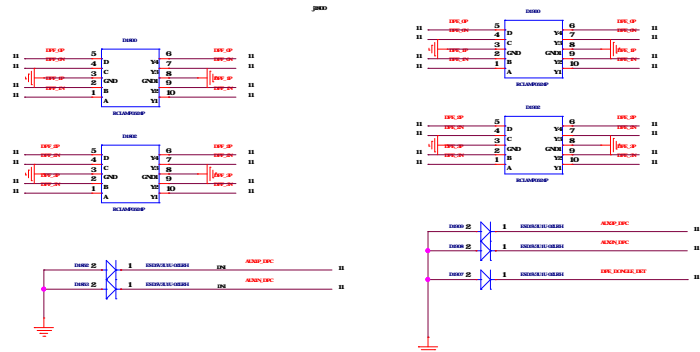


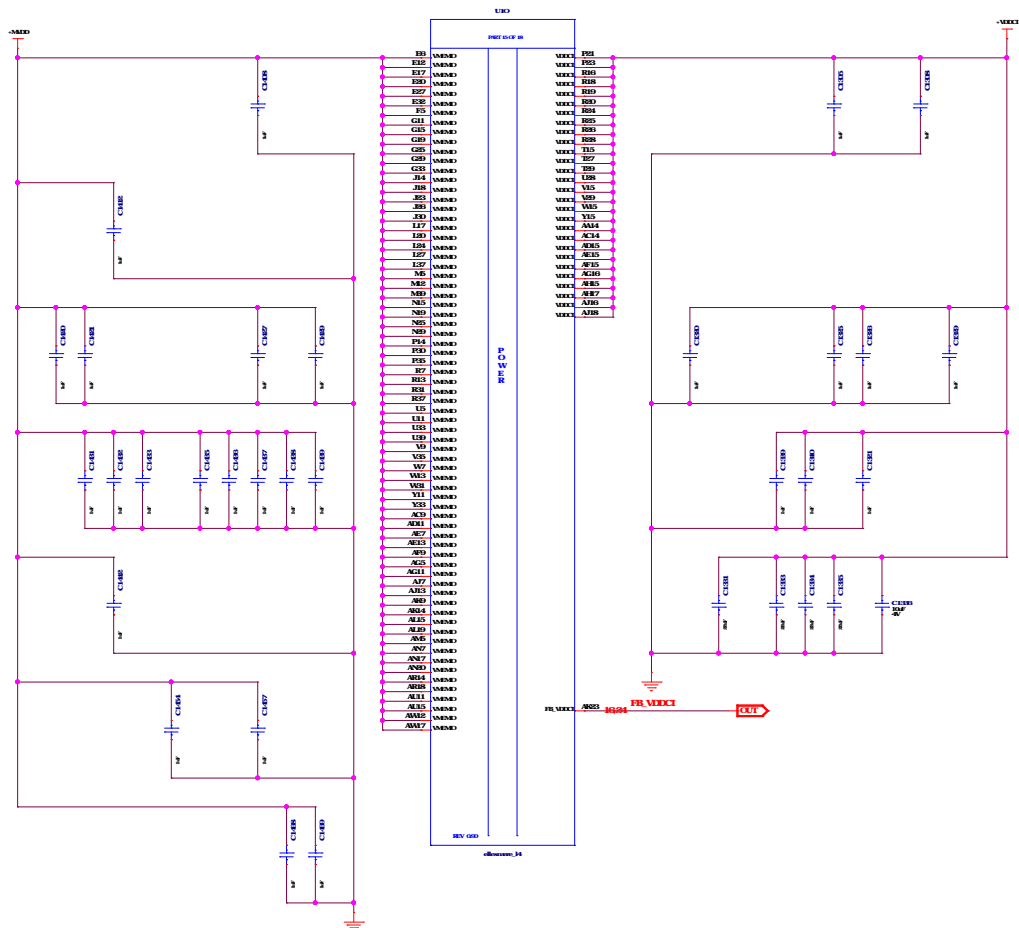


(11) ELLESMERE LYTM DP E/F

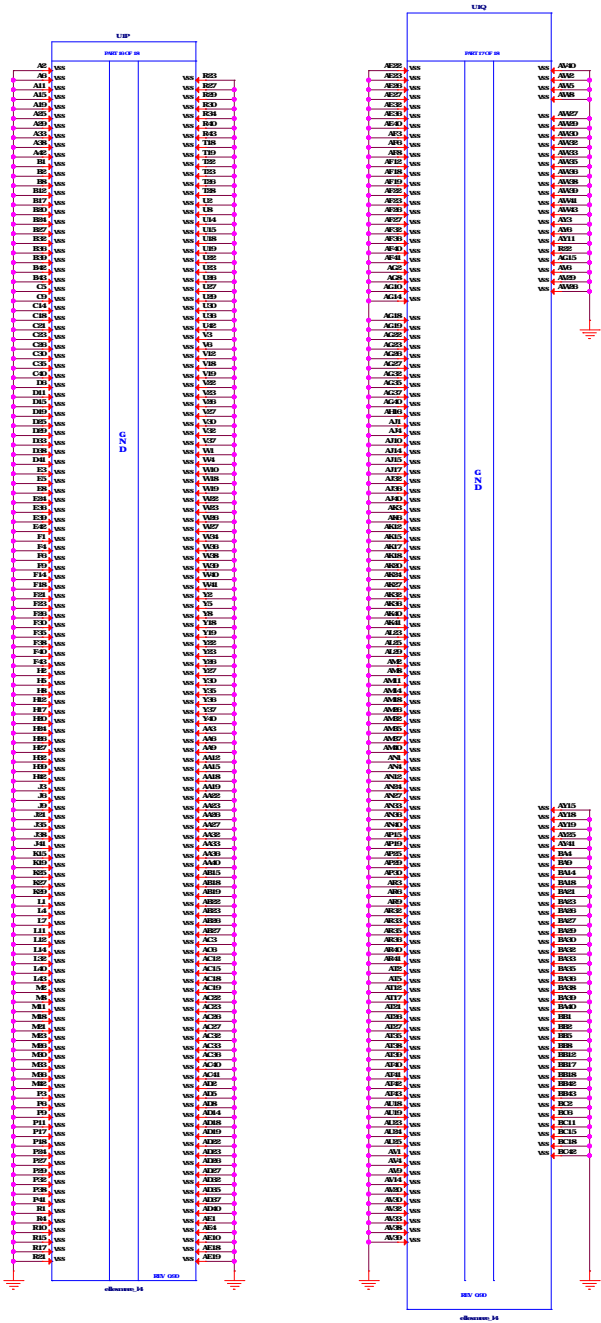


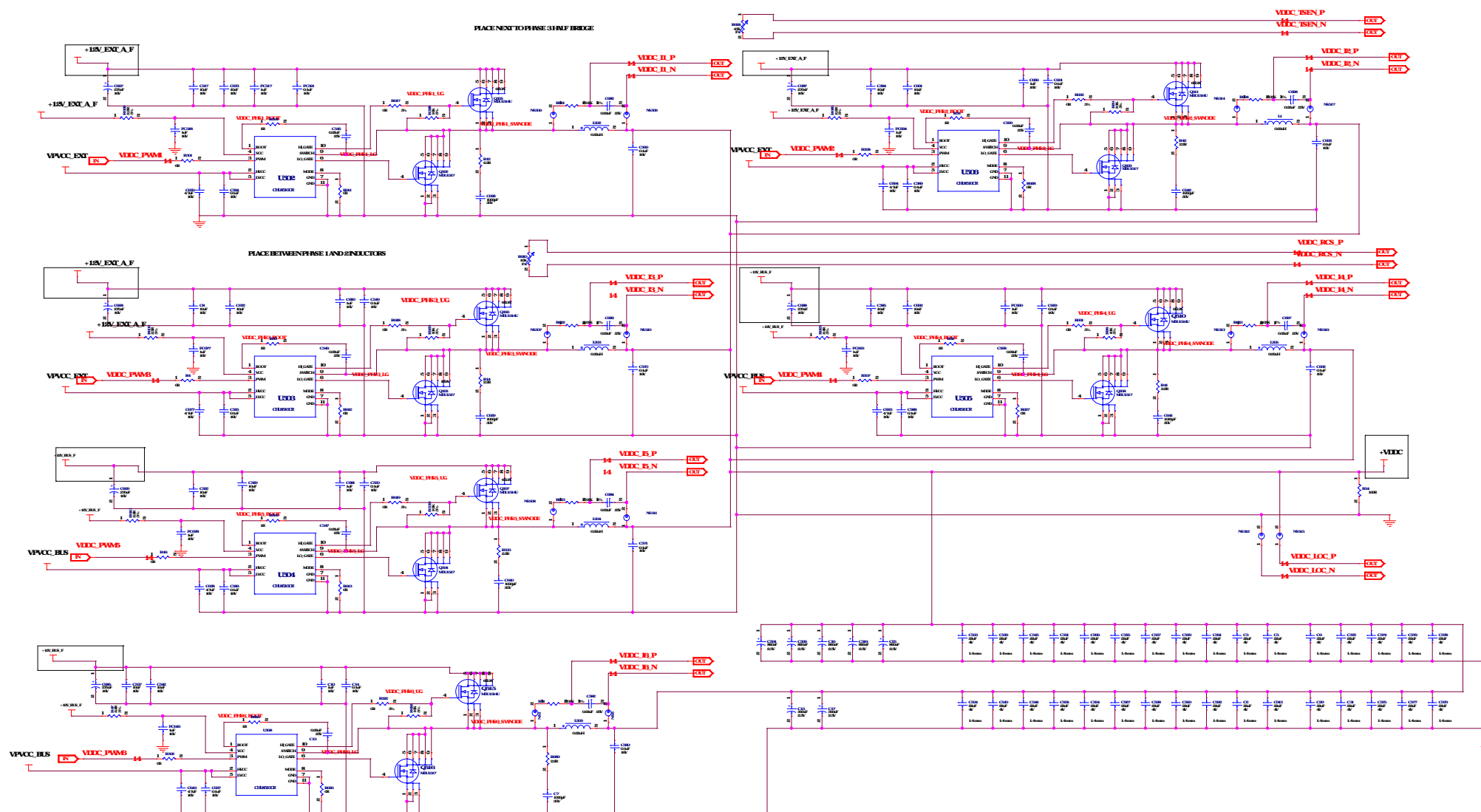
OPTIONAL ESD PROTECTION DIODES

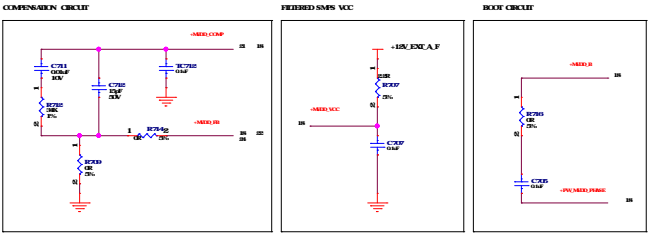


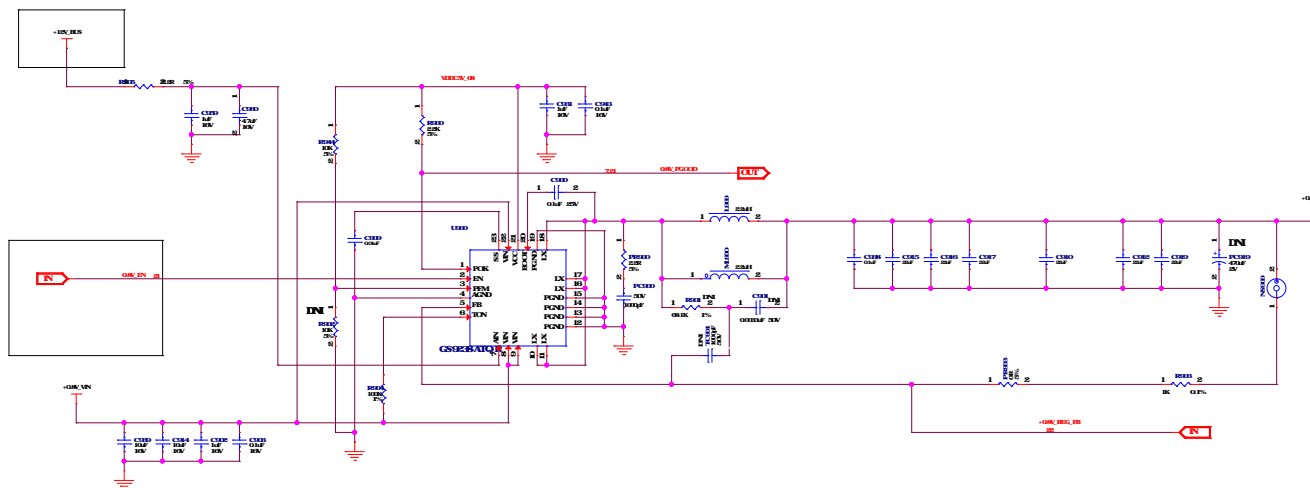


(13) ELLESMERE GROUND





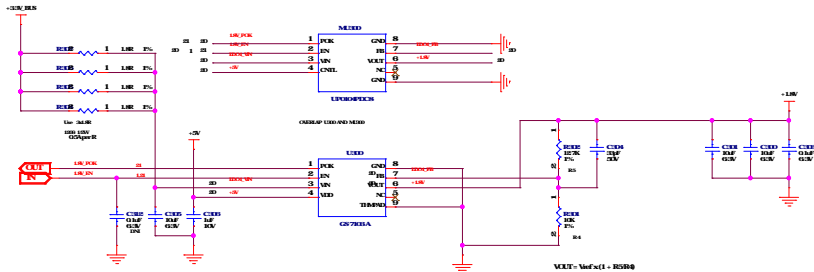




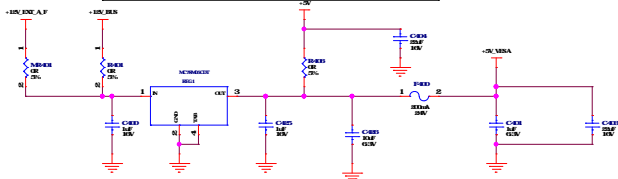
(18) SMALL RAIL REGULATORS

IDO #1: VN= 30V TO 36V/MAX VOUT= +1.8V +/- 2%

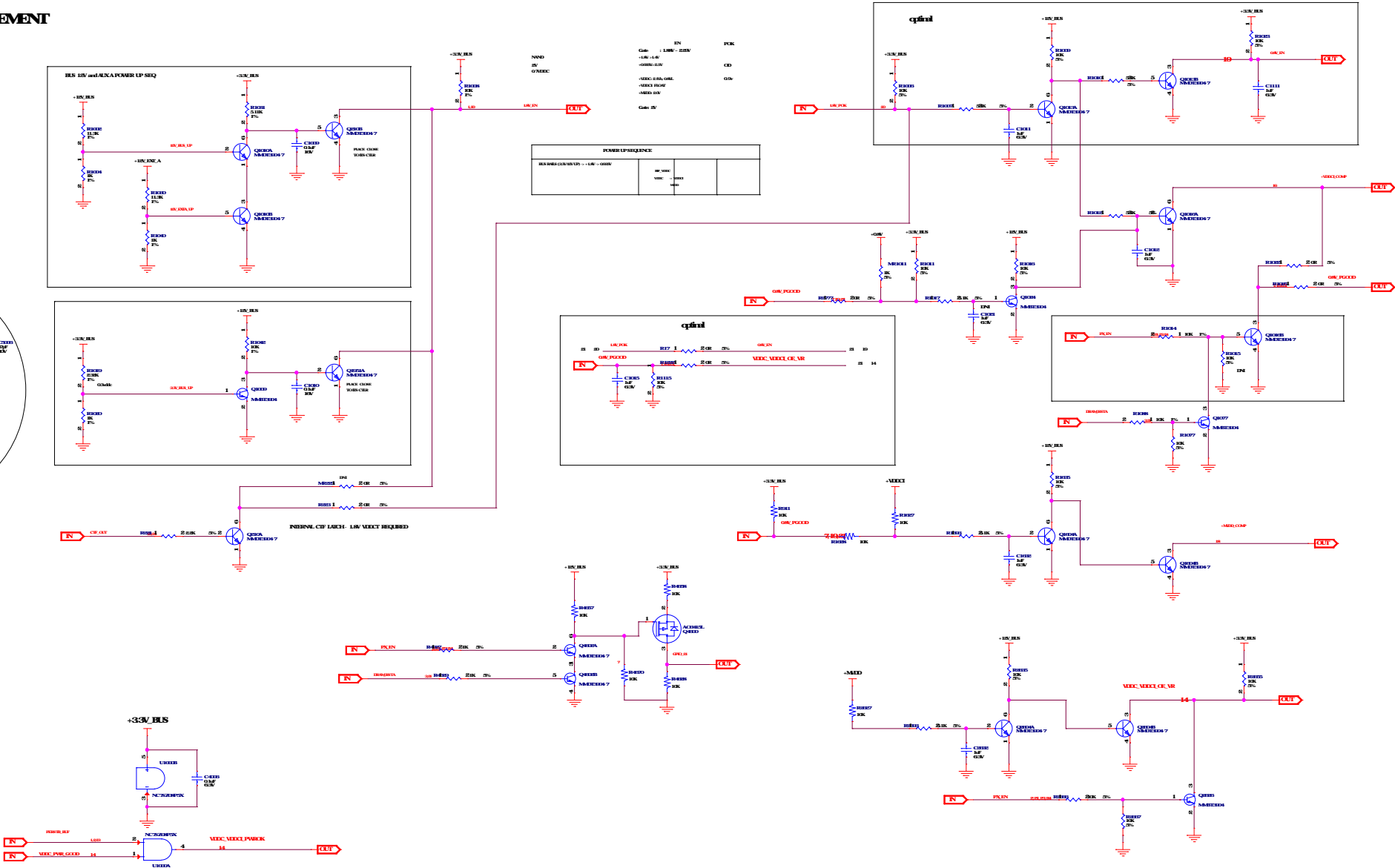
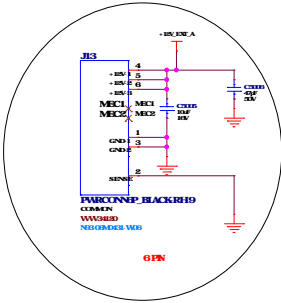
PCB 50 TO 70mmSQ COPPER AREA FOR COOLING

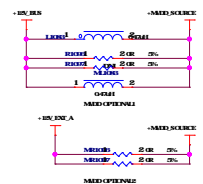
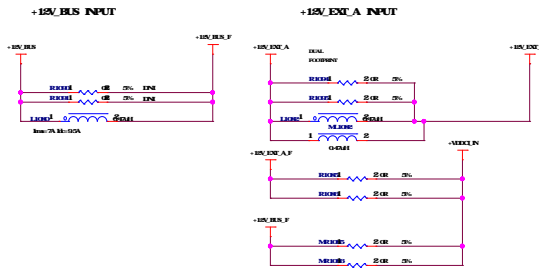
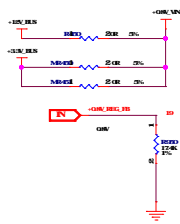
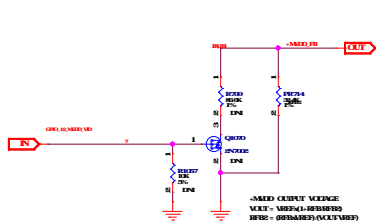
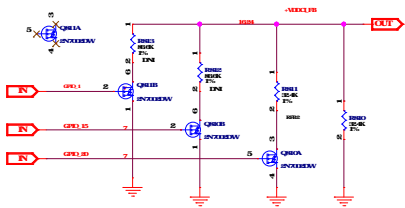
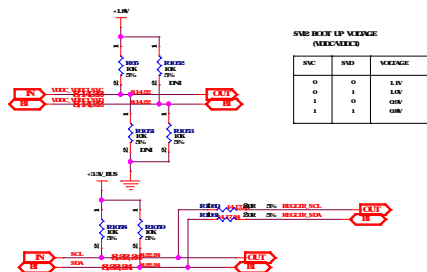


REGULATOR FOR
IOUTMAX= 150mA

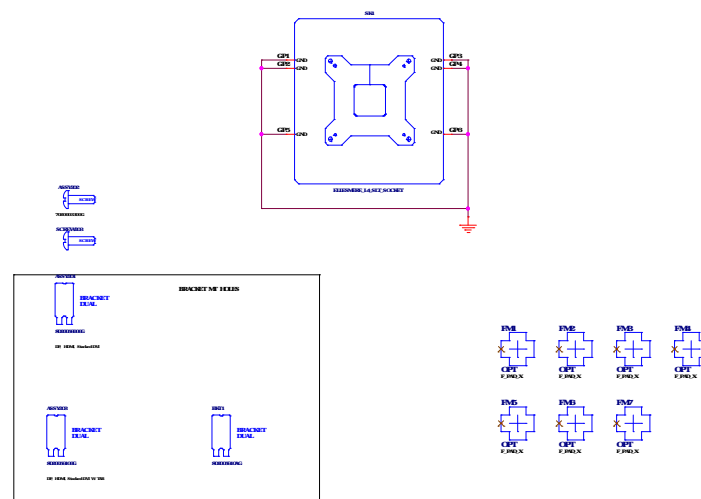
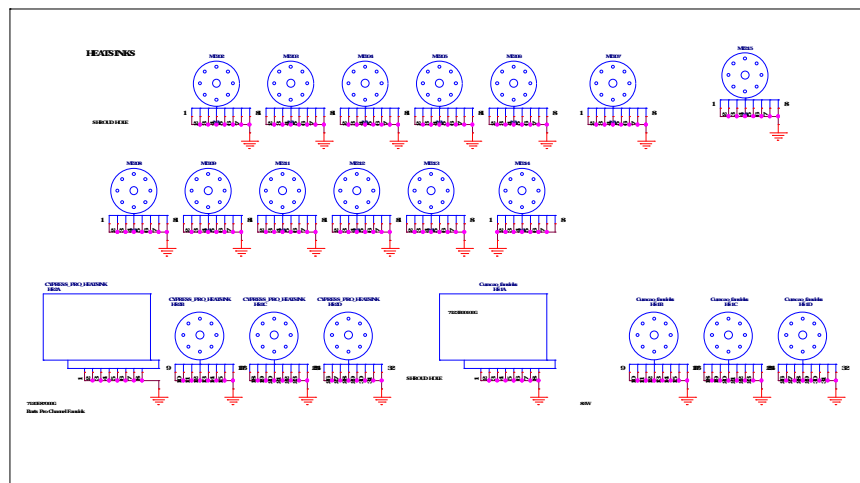
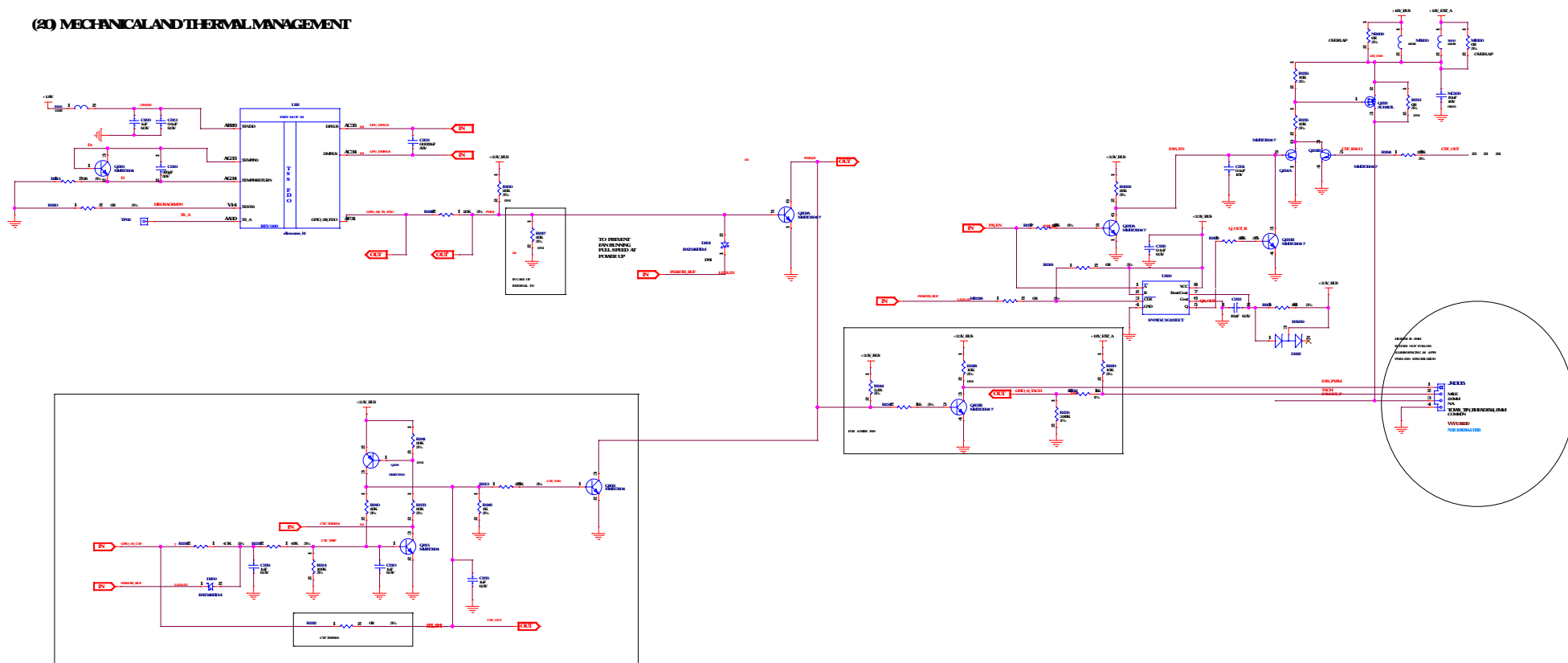


(19) POWER MANAGEMENT

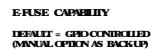
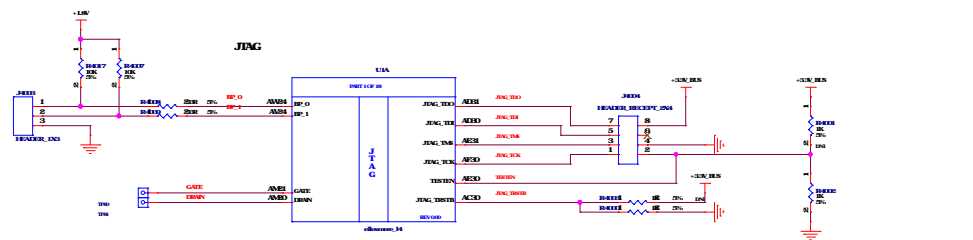




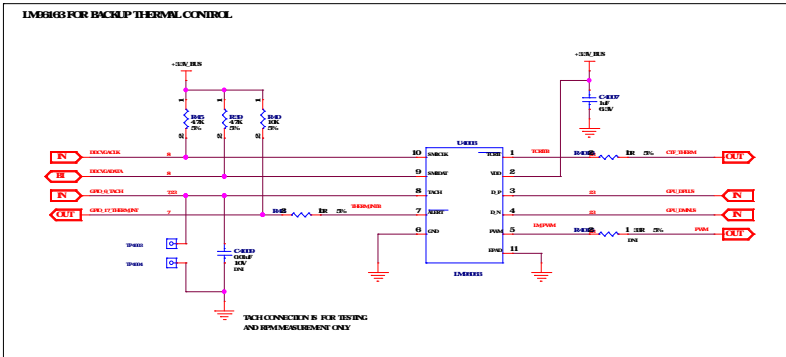
(20) MECHANICAL AND THERMAL MANAGEMENT



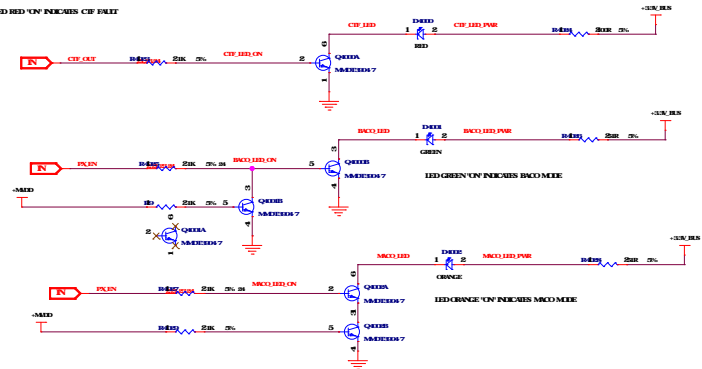
(21) DEBUG CIRCUITS

**DIGITAL POIS****DIGITAL POIS**

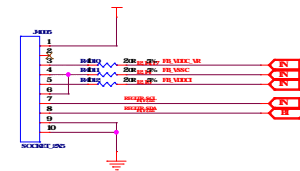
SWITCHES



LED RED 'ON' INDICATES CTF FAULT



VIMM- TEST CONNECTOR FOR VOLTAGE MEASUREMENTS



23 6PIN
26 1*4