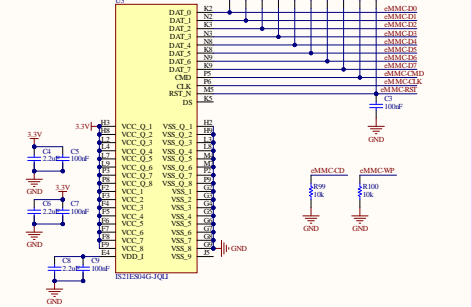
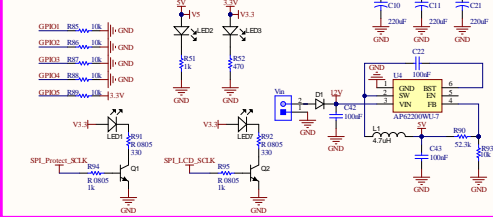


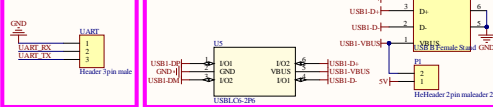
eMMC



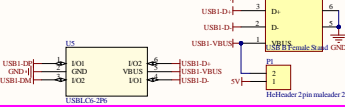
Supply & LEDs & GPIOs



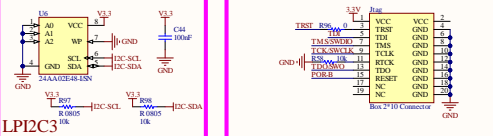
UART



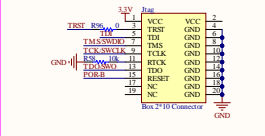
USB



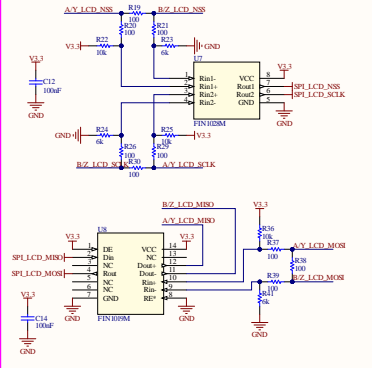
EEPROM with MAC



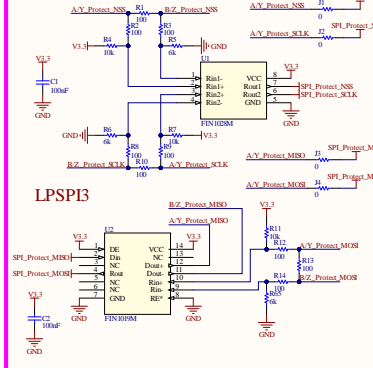
Jtag



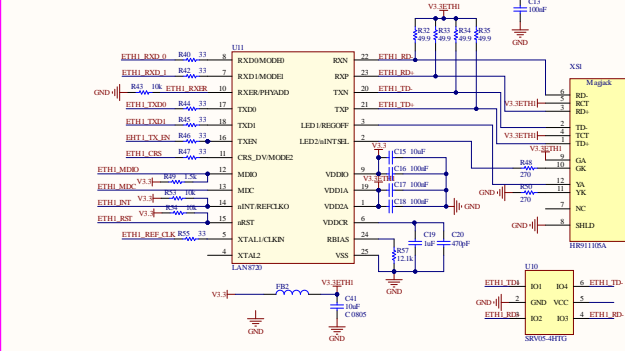
SPI_Differential_LCD



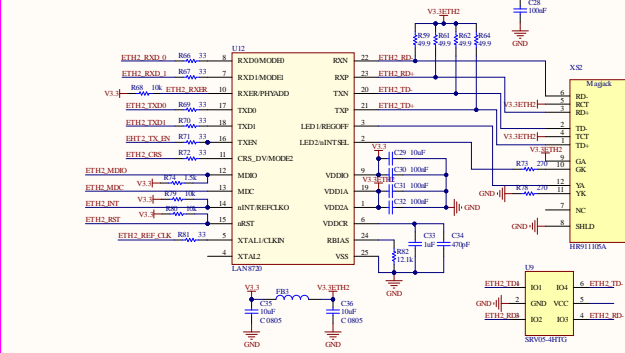
SPI_Differential_PROTECT



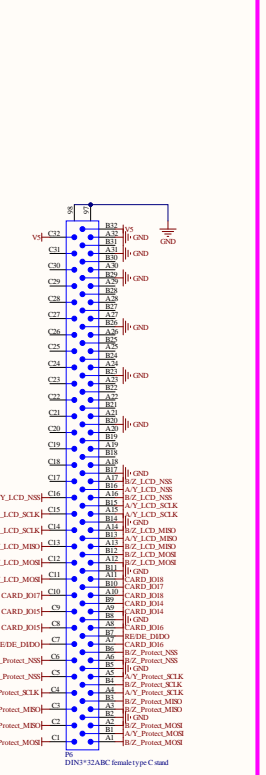
Ethernet1

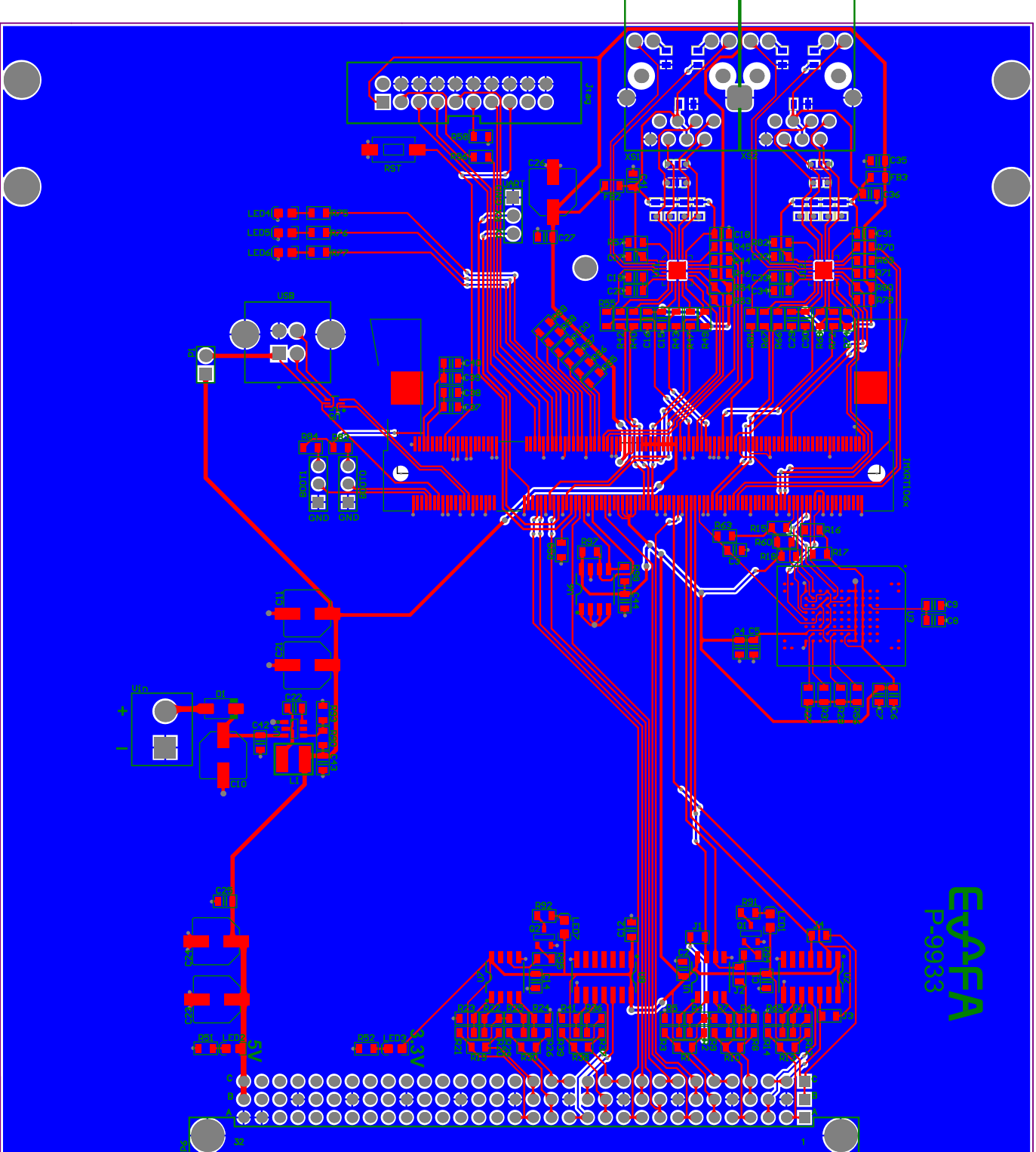


Ethernet2



Connectors





Comment	Description	Designator	Footprint	LibRef	Quantity
Header 3pin male	Header 3pin male	BOOT0, BOOT1, UART	HDR1X3	Header 3	3
C 0603/0805	Capacitor SMD package 0603/0805 multiLayer	C1, C2, C12, C14	C 0805_3mm	Cap	4
C 0805	Capacitor SMD Cer 50V 0805	C3, C4, C5, C6, C7, C8, C9, C13, C15, C16, C17, C18, C19, C20, C22, C25, C27, C28, C29, C30, C31, C32, C33, C34, C35, C36, C37, C38, C39, C40, C41, C42, C43, C44	C 0805_3mm	Cap	34
Capacitor electrolyt 6.3*7.7 16v	Capacitor electrolyt	C10, C11, C21	WCAP-PSLP_6.3x7.7	Cap2	3
Capacitor smd Alum	Capacitor smd Alum	C23, C24, C26	WCAP-PSLP_6.3x7.7	WCAP-PSLP 6.3x7.7x2.2 875105445007	3
ss14_DO-214AC	ss14 SMA DO-214AC	D1	DO-214AC	DIODE_100V_1.5A_SMA	1
ferrite bead 0805	ferrite bead 0805	FB2, FB3	R 0805_3mm	WE-PD, 744778610	2
VisionSOM-RT	SoMLabs VisionSOM-RT5x	IMXRT106x	J/SODIMM200/TE/1473005-4	VisionSOM-RT (single)	1
R 0805	Resistor-0805-1%-0.125w	J1, J2, J3, J4, R1, R2, R3, R8, R9, R10, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R37, R38, R39, R40, R42, R43, R44, R45, R46, R47, R48, R49, R50, R51, R52, R53, R54, R55, R56, R57, R58, R59, R60, R61, R62, R63, R64, R66, R67, R68, R69, R70, R71, R72, R73, R74, R75, R76, R77, R78, R79, R80, R81, R82, R83, R84, R85, R86, R87, R88, R89, R90, R91, R92, R93, R94, R95, R96, R97, R98, R99, R100	R 0805_3mm	Res1	92
Box 2*10 Connector	Box 2*10 Connector	Jtag	JTAG	JTAG	1
NRS4018T4R7MDGJ	Inductor SMD	L1	NRS4018T4R7MDGJ	INDC_2u2_1210_1200mA	1
LED 0805 Green	LED 0805 Green	LED1, LED2, LED3, LED4, LED5, LED6, LED7	LED-0805-K	LED_SMD_Red_0805_6mcd	7
HeHeader 2pin maleader 2	HeHeader 2pin maleader 2	P1	HDR1X2	Header 2	1
DIN3*32ABC female type C stand	DIN3*32ABC female type C stand	P6	CNVME96	CNVME96	1
BC817-40WT1G	NPN Transistor	Q1, Q2	SOT23-3	NPN_MMBT3904	2
NA	Resistor-0805-1%-0.125w	R4, R5, R6, R7, R11, R22, R23, R24, R25, R36, R41, R65	R 0805_3mm	Res1	12
Tact Switch	Tact Switch	RST	434111043826	WE-Tact Switches WS-TASV 434111043826	1
FIN1028M	Dual LVDS Receiver	U1, U7	D8-M	FIN1028M	2
FIN1019M	LVDS Driver/Receiver	U2, U8	D14-M	FIN1019M	2
IS21ES04G-JQLI	4GB eMMC	U3	BGA100C100P10X17_1400X1800X140	IS21ES04G-JQLI	1
AP62200WUJ-7	2A Buck Regulator	U4	TSOT23-6	AP62200WUJ-7	1
USBLC6-2P6	No Description Available	U5	SOT-666_STM-M	USBLC6-2P6	1
24AA02E48-I/SN	EEPROM with MAC Address	U6	D8-M	AT24C02BN-SP25-B	1
SRV05-4HTG	TVS for Ethernet	U9, U10	SOT23-6	SRV05	2
LAN8720	Ethernet Phy	U11, U12	QFN50P400X400X80-25N	LAN8720	2
USB B Female Stand	USB Connector-B Type Stand	USB	USB2.5-2V4	USB	1
Phoenix 2pin Stand 5.08	Phoenix 2pin Stand 5.08	Vin	691311500002	691311500002	1
HR911105A	RJ45 Connector	XS1, XS2	HR911105A1	HR911105A	2