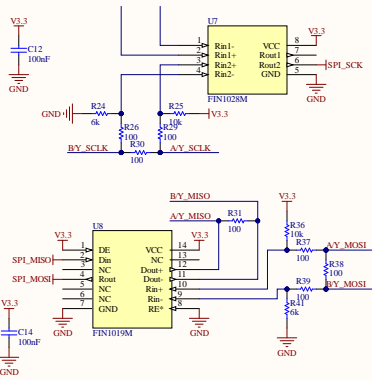
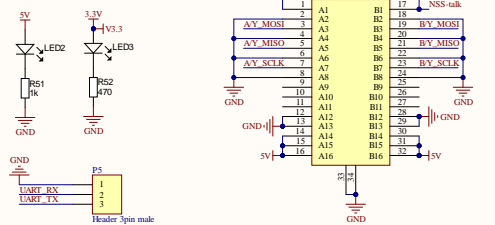


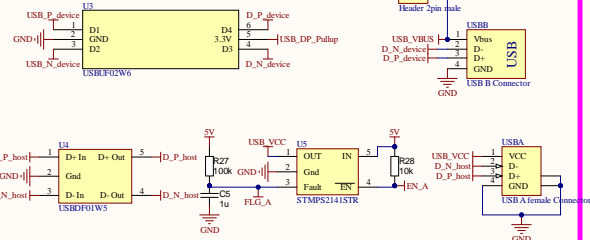
SPI1_Differential_PROTECT



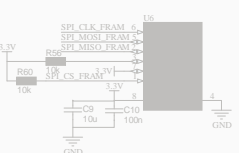
Supply LEDs & Connectors



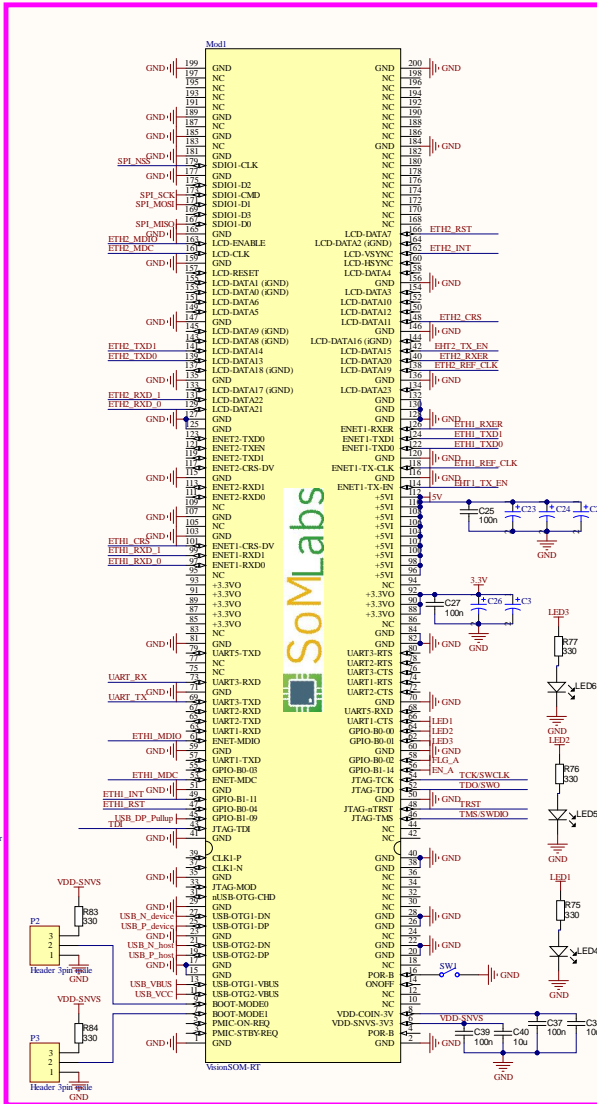
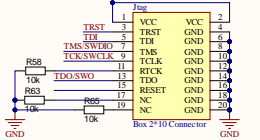
USB



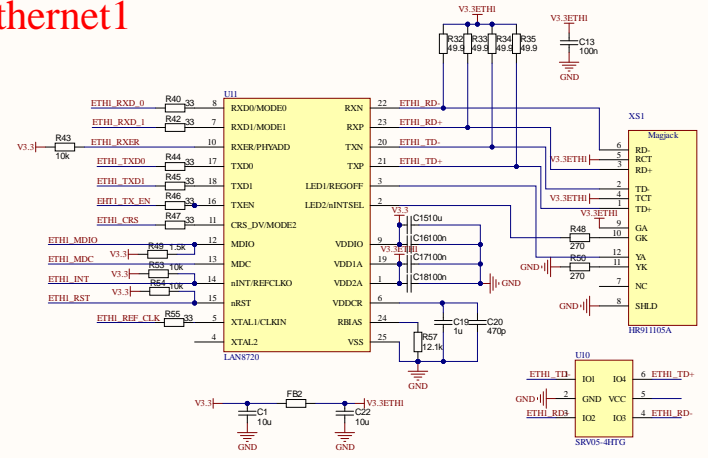
Serial SRAM/FRAM



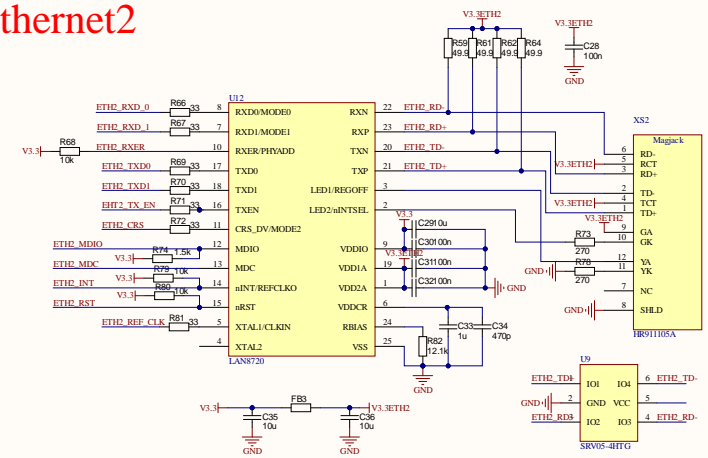
Jtag

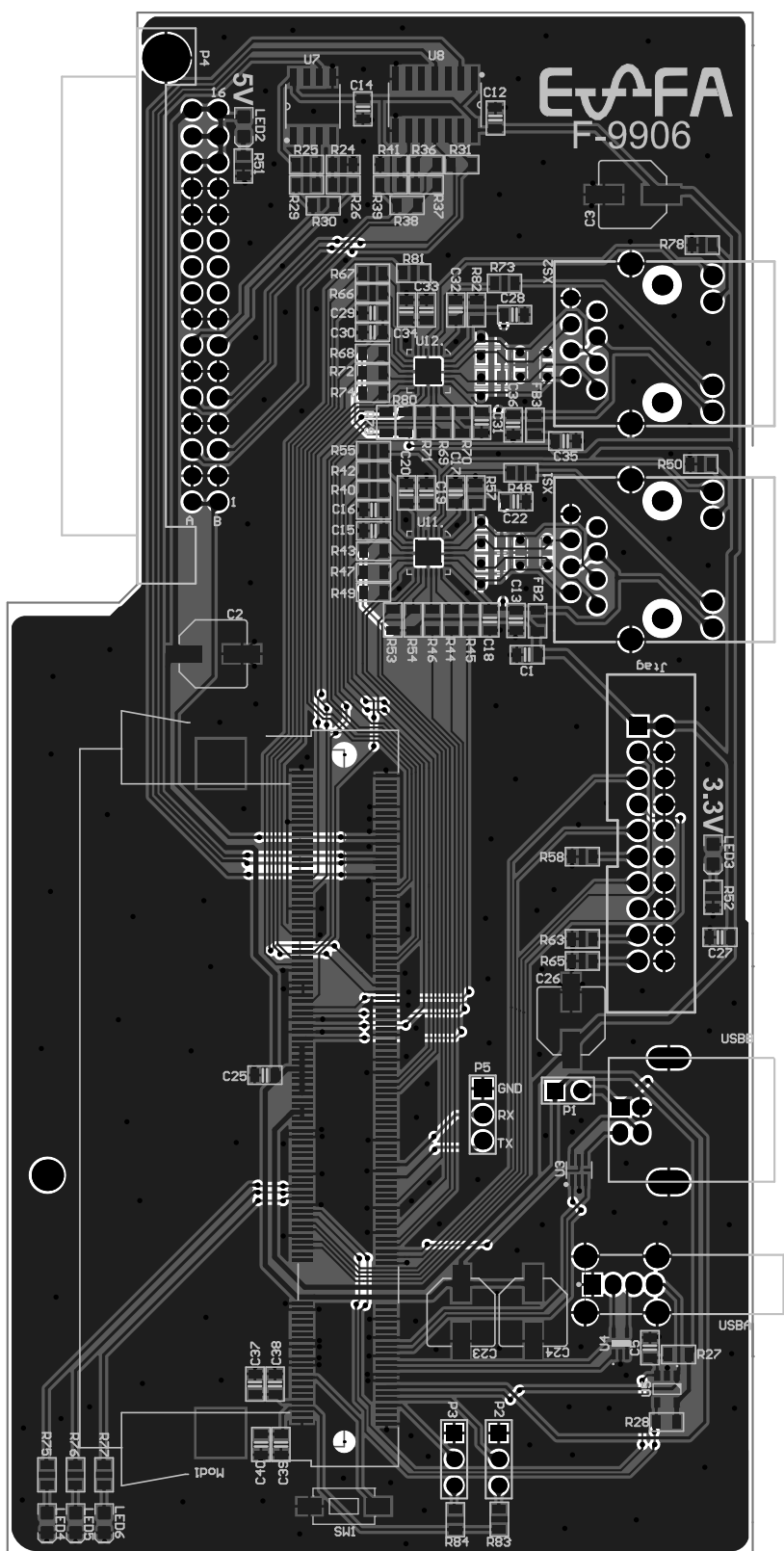


Ethernet1



Ethernet2





Comment	Description	Designator	Quantity	Value
C 0603/0805	Capacitor SMD package 0603/0805 multiLayer	C1, C15, C22, C29, C35, C36, C38, C40	8	10u
	Capacitor smd Alum	C2, C3, C23, C24	4	220u 16v
C 0603/0805	Capacitor SMD package 0603/0805 multiLayer	C5, C19, C33	3	1u
C 0603/0805	Capacitor SMD package 0603/0805 multiLayer	C12, C14	2	100nF
C 0603/0805	Capacitor SMD package 0603/0805 multiLayer	C13, C16, C17, C18, C25, C27, C28, C30, C31, C32, C37, C39	12	100n
C 0603/0805	Capacitor SMD package 0603/0805 multiLayer	C20, C34	2	470p
Capacitor smd Alum	Capacitor smd Alum	C26	1	220u 16v
Ferrite Bead 0603	Ferrite Bead 0603	FB2, FB3	2	
Box 2*10 Connector	Box 2*10 Connector	Jtag	1	
LED 0805 Green	LED 0805 Green	LED2, LED3, LED4, LED5, LED6	5	
VisionSOM-RT	SoMLabs VisionSOM-RT5x	Mod1	1	
Header 2pin male	Header 2pin male	P1	1	
Header 3pin male	Header 3pin male	P2, P3, P5	3	
Din Connector 2*16 male	Din Connector 2*16 male	P4	1	
R 0603/0805	Resistor SMD package 0603 or 0805 telorance 1%	R24, R41	2	6k
R 0603/0805	Resistor SMD package 0603 or 0805 telorance 1%	R25, R28, R36, R43, R53, R54, R58, R63, R65, R68, R79, R80	12	10k
R 0603/0805	Resistor SMD package 0603 or 0805 telorance 1%	R26, R29, R30, R31, R37, R38, R39	7	100
R 0603/0805	Resistor SMD package 0603 or 0805 telorance 1%	R27	1	100k
R 0603/0805	Resistor SMD package 0603 or 0805 telorance 1%	R32, R33, R34, R35, R59, R61, R62, R64	8	49.9
R 0603/0805	Resistor SMD package 0603 or 0805 telorance 1%	R40, R42, R44, R45, R46, R47, R55, R66, R67, R69, R70, R71, R72, R81	14	33
R 0603/0805	Resistor SMD package 0603 or 0805 telorance 1%	R48, R50, R73, R78	4	270
R 0603/0805	Resistor SMD package 0603 or 0805 telorance 1%	R49, R74	2	1.5k
R 0603/0805	Resistor SMD package 0603 or 0805 telorance 1%	R51	1	1k
R 0603/0805	Resistor SMD package 0603 or 0805 telorance 1%	R52	1	470
R 0603/0805	Resistor SMD package 0603 or 0805 telorance 1%	R57, R82	2	12.1k
R 0603/0805	Resistor SMD package 0603 or 0805 telorance 1%	R75, R76, R77, R83, R84	5	330
Tact Switch	Tact Switch	SW1	1	
USBUF02W6	TVS for USB	U3	1	Value
USBDF01W5	TVS for USB	U4	1	
STMP52141STR	Supply for USB	U5	1	
FIN1028M	Dual LVDS Receiver	U7	1	
FIN1019M	LVDS Driver/Receiver	U8	1	
SRV05-4HTG	TVS for Ethernet	U9, U10	2	
LAN8720	Ethernet Phy	U11, U12	2	
USB A female Connector	USB A female Connector	USBA	1	
USB B Connector	USB B Connector	USBB	1	
HR911105A	RJ45 Connector	XS1, XS2	2	HR911105A