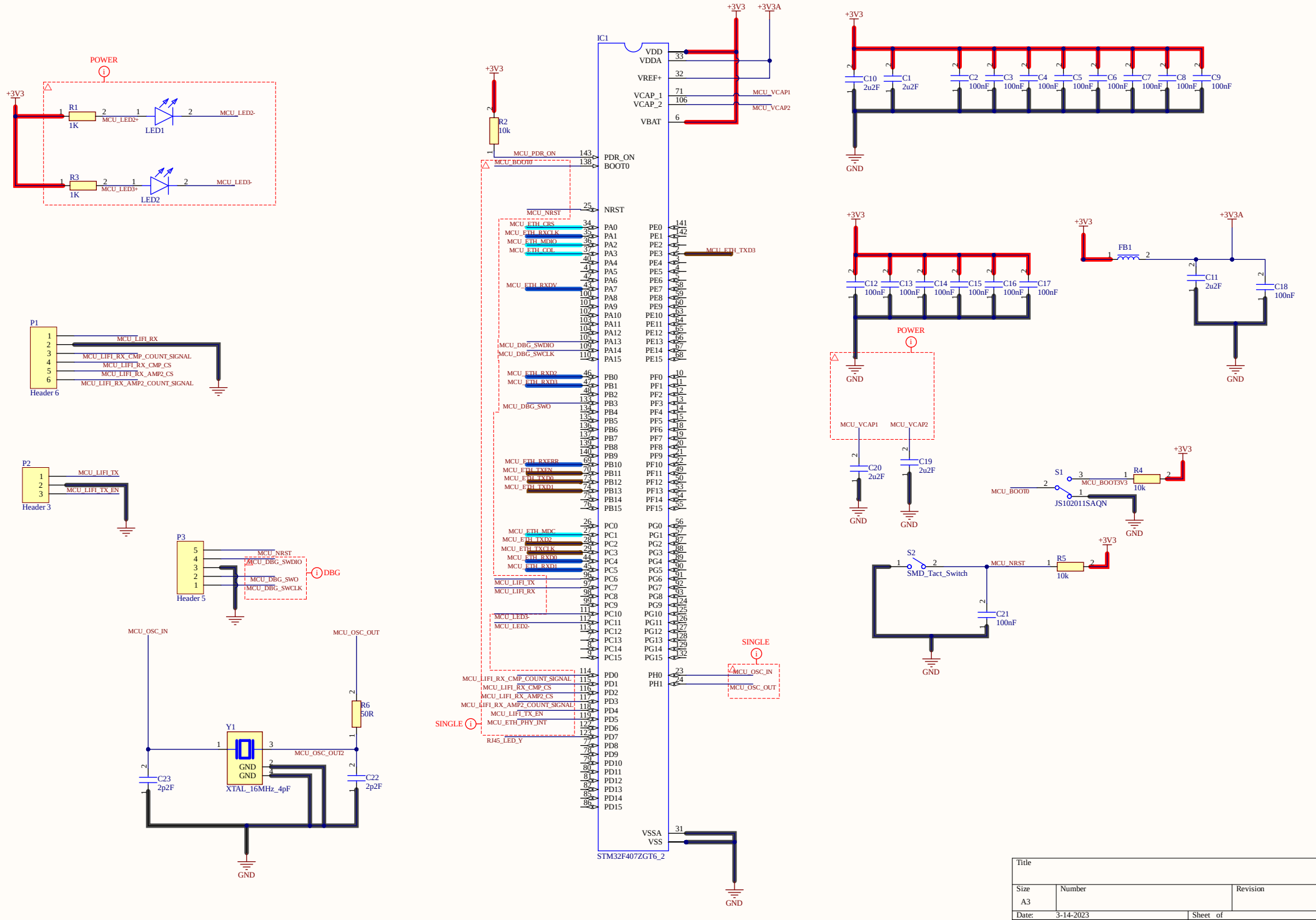

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Date: 3-14-2023	Sheet of	
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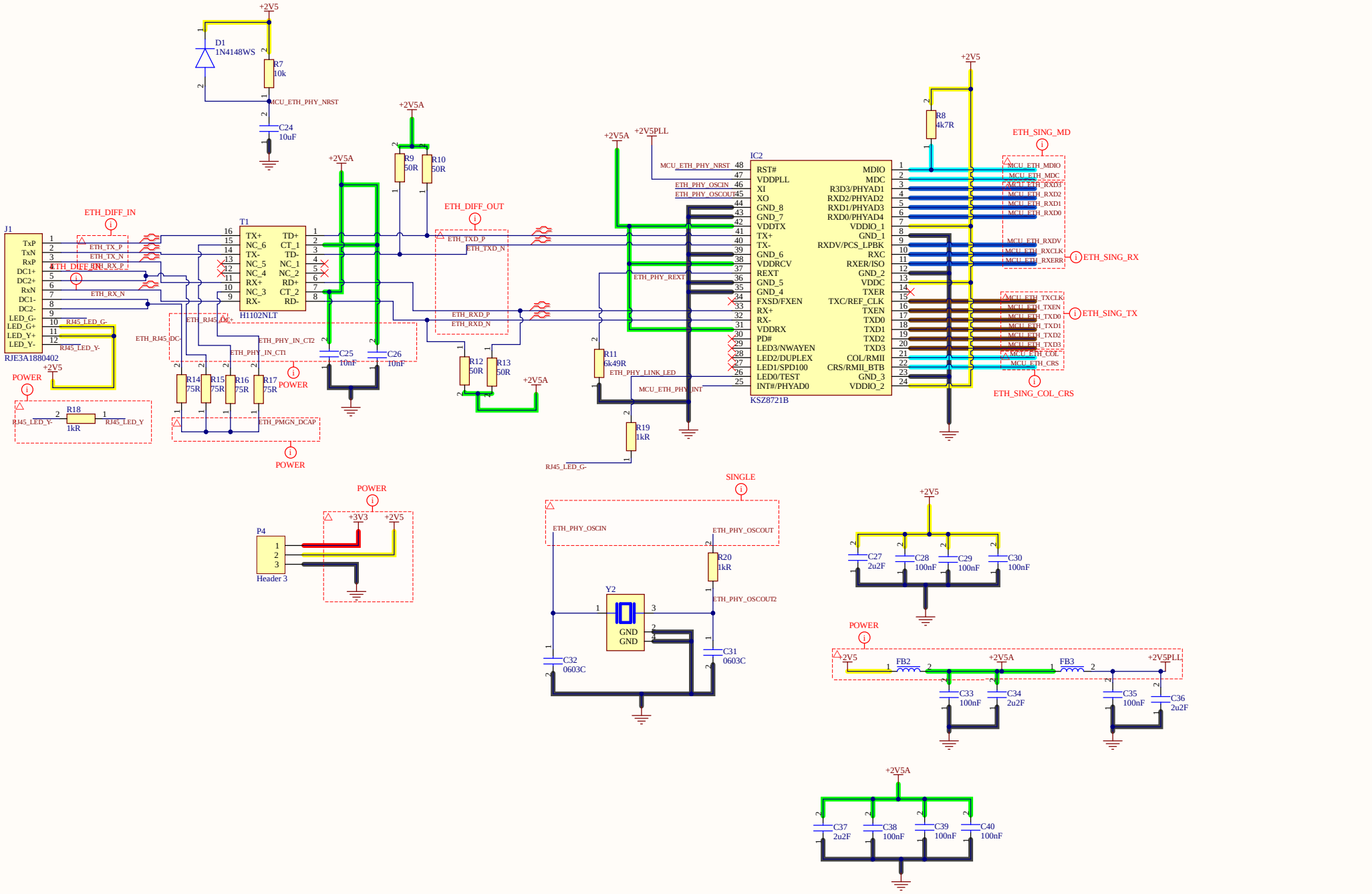

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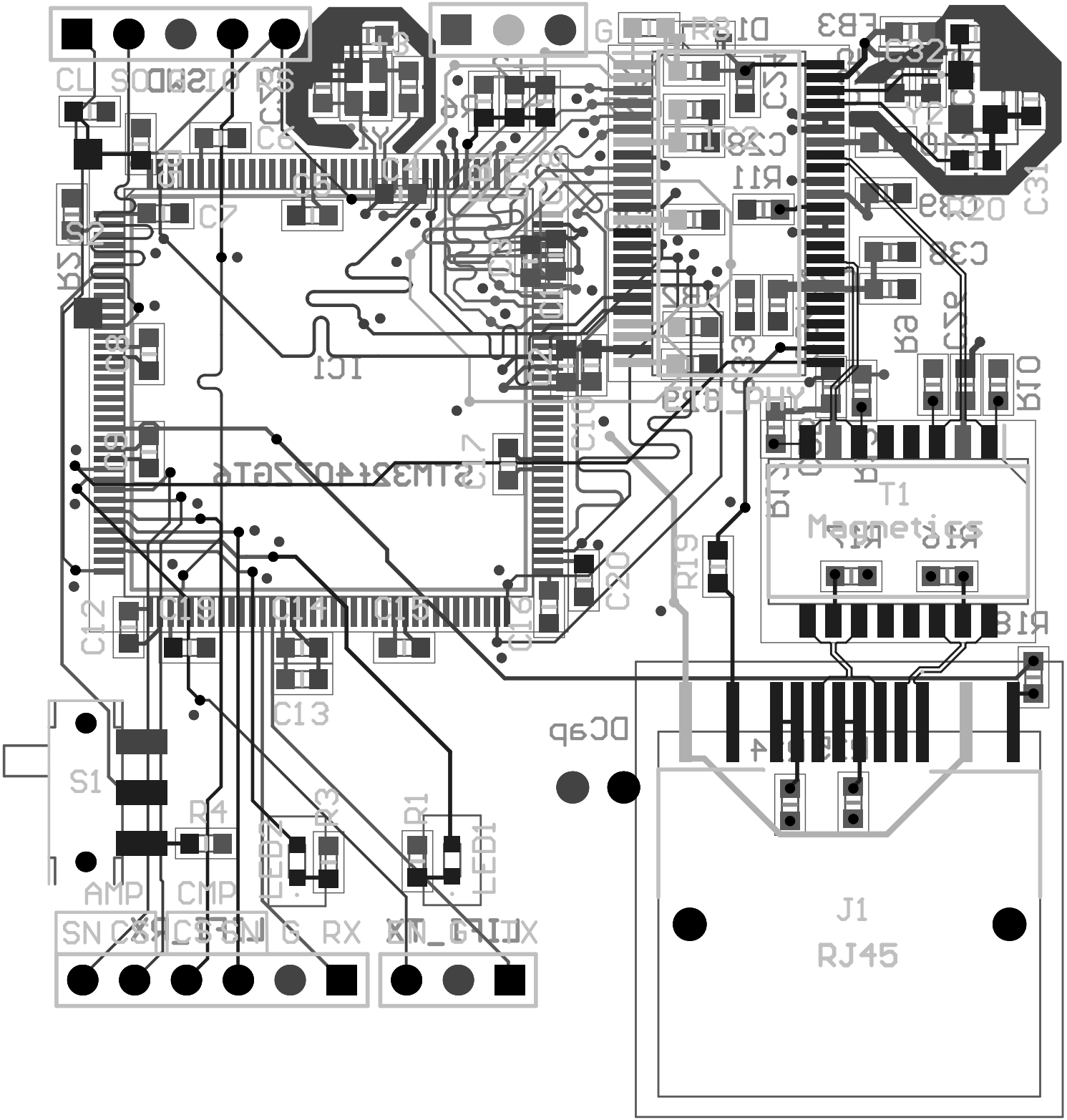

T1
Magnetics
J1
RJ45
S1
AMP
CMP
DCap

Comment	Description	Designator	Footprint	LibRef	Quantity
2u2F		C1, C10, C11, C19, C20, C27, C34, C36, C37	0603	0603C	9
100nF		C2, C3, C4, C5, C6, C7, C8, C9, C12, C13, C14, C15, C16, C17, C18, C21, C28, C29, C30, C33, C35, C38, C39, C40	0603	0603C	24
2p2F		C22, C23	0603	0603C	2
10uF		C24	0603	0603C	1
10nF		C25, C26	0603	0603C	2
0603C		C31, C32	0603	0603C	2
1N4148WS	Diode	D1	SODFL2512X90N	1N4148WS	1
Ferrite Bead @100R	Ferrite Bead	FB1, FB2, FB3	BEADC1608X90N	Ferrite Bead @100R	3
STM32F407ZGT6_2	MCU 32-bit STM32F ARM Cortex M4F RISC 1024KB Flash 2.5V/3.3V 144-Pin LQFP Tray	IC1	MCU_STM32F407ZGT6	STM32F407ZGT6_2	1
KSZ8721B	Integrated Circuit	IC2	ETH_PHY_SOP64P1031X279-48N	KSZ8721B	1
RJE3A1880402	Connector	J1	RJE3A1880402	RJE3A1880402	1
0603 LED Green	LED	LED1, LED2	0603 LED	0603 LED Green	2
Header 6	Header, 6-Pin	P1	HDR1X6	Header 6	1
Header 3	Header, 3-Pin	P2, P4	HDR1X3	Header 3	2
Header 5	Header, 5-Pin	P3	HDR1X5	Header 5	1
1K		R1, R3	0603	0603R	2
10k		R2, R4, R5, R7	0603	0603R	4
50R		R6, R9, R10, R12, R13	0603	0603R	5
4k7R		R8	0603	0603R	1
6k49R		R11	0603	0603R	1
75R		R14, R15, R16, R17	0603	0603R	4
1kR		R18, R19, R20	0603	0603R	3
JS102011SAQN	Slide Switch SPDT Surface Mount, Right Angle	S1	SW_JS102011SAQN	JS102011SAQN	1
SMD_Tact_Switch	SMD Tactile Switch, 3x6x2.5mm	S2	SMD_Tact_Switch	SMD_Tact_Switch	1
H1102NLT	Transformer	T1	SOIC127P940X622-16N	H1102NLT	1
XTAL_16MHz_4pF	ABM10W-16.0000MHZ-4-D1X-T3	Y1	XTAL_16.0000MHZ_4PF	XTAL_16MHz_4pF	1
XTAL_25MHz_18pF	ABM10W-16.0000MHZ-4-D1X-T3	Y2	ABM8G16000MHZB4YT	XTAL_25MHz_18pF	1