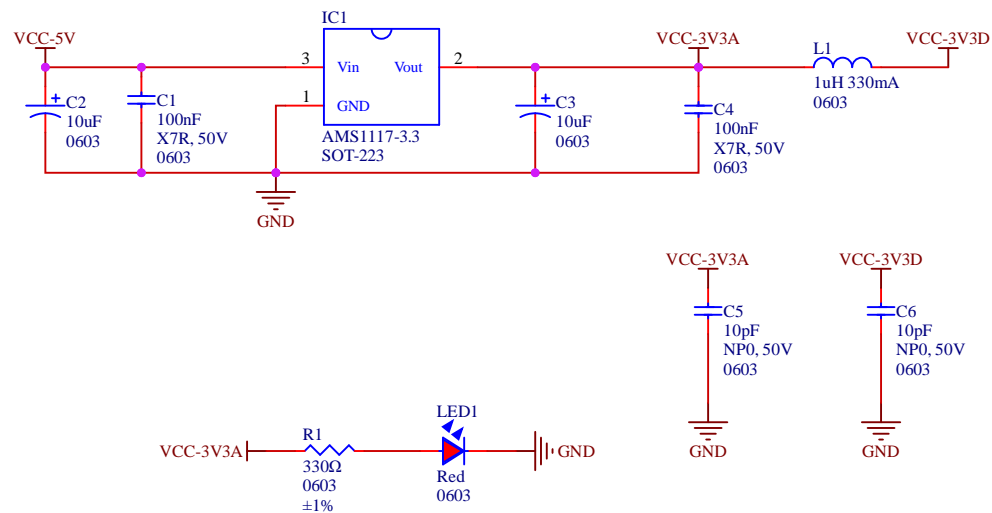
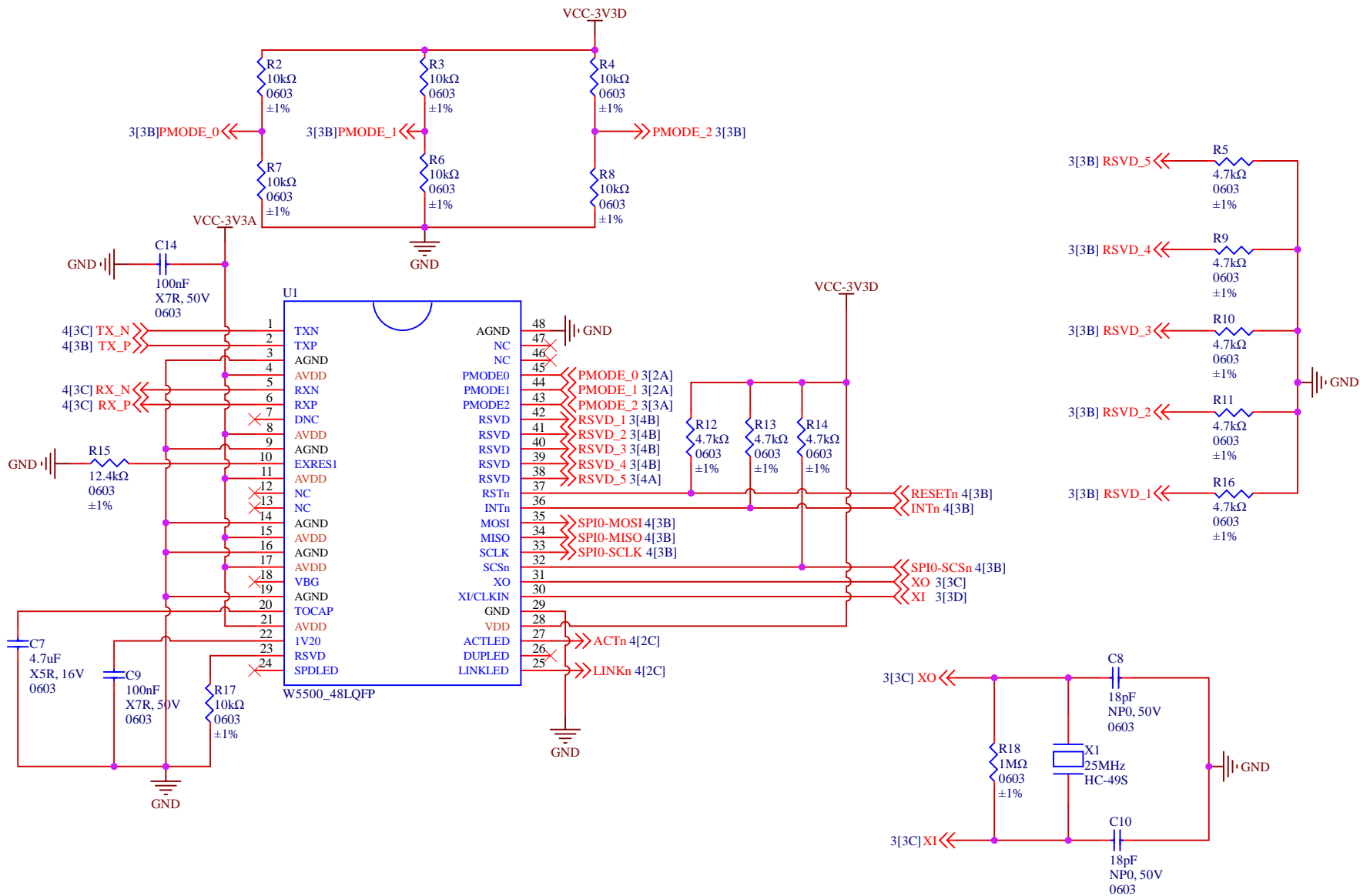


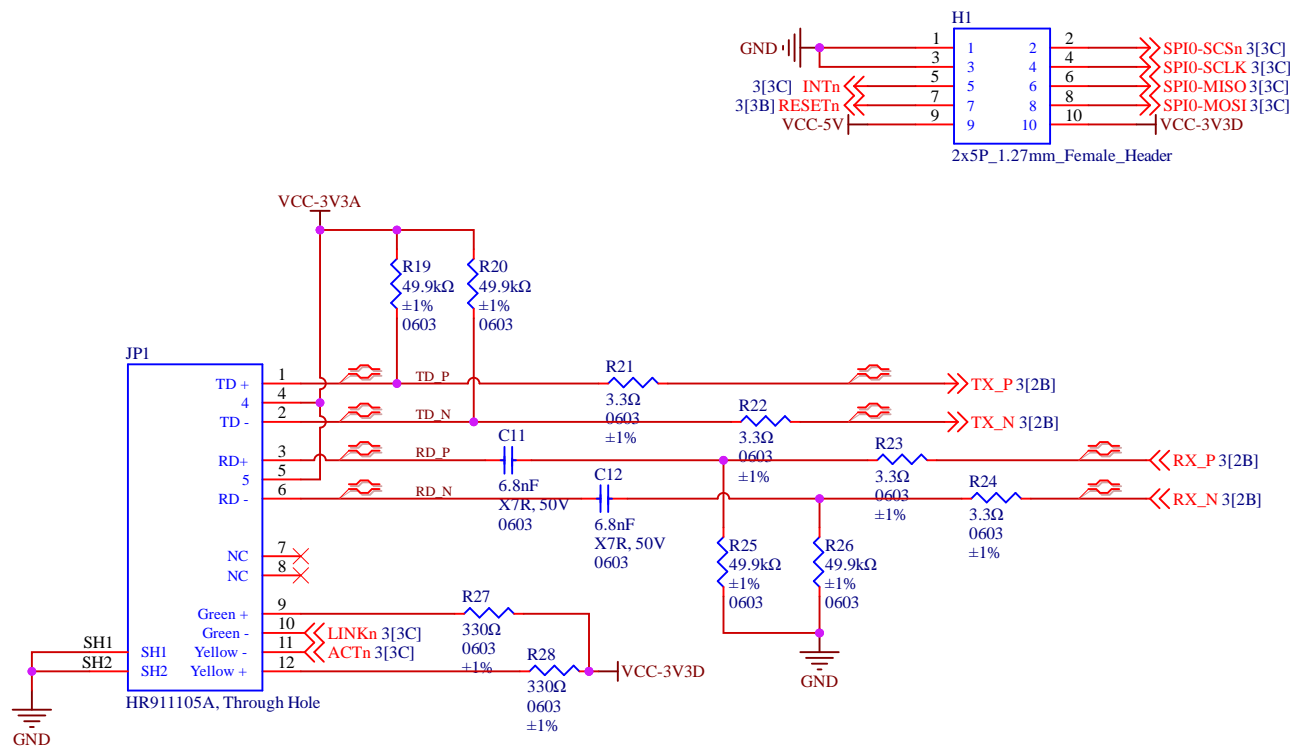
1	2	3	4	5	6	7	8																																											
TABLES OF CONTENTS				REVISION HISTORY																																														
<table><tr><th>PAGE</th><th>CONTENTS</th></tr><tr><td>1</td><td>REVERSION_HISTORY</td></tr><tr><td>2</td><td>VOLTAGE_RESOURCE</td></tr><tr><td>3</td><td>IC</td></tr><tr><td>4</td><td>PERIPHERALS</td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table>		PAGE	CONTENTS	1	REVERSION_HISTORY	2	VOLTAGE_RESOURCE	3	IC	4	PERIPHERALS																					<table><tr><th>VER#</th><th>DATE</th><th>REVISIONS</th><th>DESCRIPTION OF CHANGES</th><th>AUTHOR</th></tr><tr><td>V1.0</td><td>12/01/2025</td><td>MODULE_ETHERNET_W5500_V1.0</td><td></td><td>NGUYEN QUANG MINH</td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></table>				VER#	DATE	REVISIONS	DESCRIPTION OF CHANGES	AUTHOR	V1.0	12/01/2025	MODULE_ETHERNET_W5500_V1.0		NGUYEN QUANG MINH					
PAGE	CONTENTS																																																	
1	REVERSION_HISTORY																																																	
2	VOLTAGE_RESOURCE																																																	
3	IC																																																	
4	PERIPHERALS																																																	
VER#	DATE	REVISIONS	DESCRIPTION OF CHANGES	AUTHOR																																														
V1.0	12/01/2025	MODULE_ETHERNET_W5500_V1.0		NGUYEN QUANG MINH																																														



Title: VOLTAGE_RESOURCE			Author:	Cannot open file D:\Admin\Github\IOT_SOLUTIONS
Size: A4			Approved: CONFIDENTIAL	
Project: Module_Ethernet_W5500			Modified Date: 15/01/2026	
Date: 19/01/2026 15:32:02			Revision: SW Version: 24.1.2.44	
Sheet 2 of 4				



Title: IC			Author:		Cannot open file D:\Admin\Github\IOT_SOLUTIONS
			Approved:		
Size: A4			CONFIDENTIAL		
Project: Module_Ethernet_W5500			Modified Date: 17/01/2026		
			Revision:		
Date: 19/01/2026 15:32:02			SW Version: 24.1.2.44		
Sheet 3 of 4					



Title: PERIPHERALS			Author:	Cannot open file D:\Admin\Github\IOT_SOLUTIONS
Size: A4			Approved:	
Project: Module_Ethernet_W5500			CONFIDENTIAL	
Date: 19/01/2026 15:32:02			Modified Date: 17/01/2026	
Sheet 4 of 4			Revision:	
			SW Version: 24.1.2.44	

Module  
Ethernet  
W5500

NGUYEN QUANG MINH

Module  
Ethernet  
W5500

GND	SCS
GND	SCLK
INT	MISO
RST	MOSI
5V	3V3

Comment	Description	Designator	Footprint	LibRef	Quantity
100nF	50V 100nF X7R ±10% 0603 Multilayer Ceramic Capacitors MLCC - SMD/SMT ROHS	C1, C4, C9, C14	C0603	C0603_MLCC_100nF_X7R_50V	4
10uF	10uF ±20% 6.3V Tantalum Capacitors 10Q@100kHz 0603	C2, C3	C0603 - TANTA	C0603_TANTA_10uF_6.3V	2
10pF	50V 10pF NPO ±5% 0603 Multilayer Ceramic Capacitors MLCC - SMD/SMT ROHS	C5, C6	C0603	C0603_MLCC_10pF_NPO_50V	2
4.7uF	4.7uF ±10% 16V Ceramic Capacitor X5R 0603	C7	C0603	C0603_MLCC_4.7uF_X5R_16V	1
18pF	18pF ±5% 50V Ceramic Capacitor NPO 0603	C8, C10	C0603	C0603_MLCC_18pF_NPO_50V	2
6.8nF	6.8nF ±10% 50V Ceramic Capacitor X7R 0603	C11, C12	C0603	C0603_MLCC_6.8nF_X7R_50V	2
2x5P_1.27mm_Female_Header	Female Header 10 Position 1.27mm Pitch Dual Row Through Hole -40°C--+105°C	H1	2x5P_1.27mm_Female_Header	2x5P_1.27mm_Female_Header	1
AMS1117-3.3	72dB@(120Hz) 1A Fixed 3.3V Positive 16V SOT-223 Voltage Regulators - Linear, Low Drop Out (LDO) Regulators ROHS	IC1	SOT-223	AMS1117-3.3_SOT-223	1
HR911105A, Through Hole	CONN MOD JACK RJ45 TH	JP1	HR911105A	HR911105A	1
1uH 330mA	330mA 1uH ±10% 810mΩ Wire-wound chip inductor 0603 Fixed Inductors RoHS	L1	L_0603	L_1uH_0603_330mA	1
Red	20mA 230mcd Water Clear -40°C--+85°C 630nm Red 120° 75mW 1.95V 0603 LED Indication - Discrete ROHS	LED1	LED0603_RED	LED0603_Red	1
330Ω	100mW Thick Film Resistor 75V ±100ppm/°C ±1% 330Ω 0603 Chip Resistor - Surface Mount ROHS	R1, R27, R28	R0603	R0603_330Ω_±1%	3
10kΩ	100mW Thick Film Resistor 75V ±100ppm/°C ±1% 10kΩ 0603 Chip Resistor - Surface Mount ROHS	R2, R3, R4, R6, R7, R8, R17	R0603	R0603_10kΩ_±1%	7
4.7kΩ	100mW Thick Film Resistor 75V ±100ppm/°C ±1% 4.7kΩ 0603 Chip Resistor - Surface Mount ROHS	R5, R9, R10, R11, R12, R13, R14, R16	R0603	R0603_4.7kΩ_±1%	8
12.4kΩ	100mW 12.4kΩ 75V Thick Film Resistor ±100ppm/°C ±1% 0603 Chip Resistor - Surface Mount RoHS	R15	R0603	R0603_12.4kΩ_±1%	1
1MΩ	100mW Thick Film Resistor 75V ±100ppm/°C ±1% 1MΩ 0603 Chip Resistor - Surface Mount ROHS	R18	R0603	R0603_1MΩ_±1%	1
49.9kΩ	100mW Thick Film Resistor 75V ±100ppm/°C ±1% 49.9kΩ 0603 Chip Resistor - Surface Mount ROHS	R19, R20, R25, R26	R0603	R0603_49.9kΩ_±1%	4
3.3Ω	3.3Ω ±1% 100mW 0603 Thick Film Resistor	R21, R22, R23, R24	R0603	R0603_3.3Ω_±1%	4
W5500_48LQFP	LQFP-48(7x7) Interface Controllers RoHS	U1	48LQFP (7*7)	W5500_48LQFP	1
25MHz	Crystal 25MHz ±20ppm 20pF HC-49S	X1	HC-49S	Crystal_25Mhz_HC49S	1