

TABLES OF CONTENTS

REVISION HISTORY

VER#	DATE	REVISIONS	DESCRIPTION OF CHANGES	AUTHOR
V1.0	12/01/2025	MODULE_ETHERNET_W5500_V1.0		NGUYEN QUANG MINH

Title: REVERSION_HISTORY		Author:	*
Size: A3	Project: Module_Ethernet_W5500	CheckedBy:	*
		Modified Date:	15/01/2026
		Revision:	*
Date: 19/01/2026	15:32:01	SW Version:	24.1.2.44
Sheet 1 of 4			

A

A

B

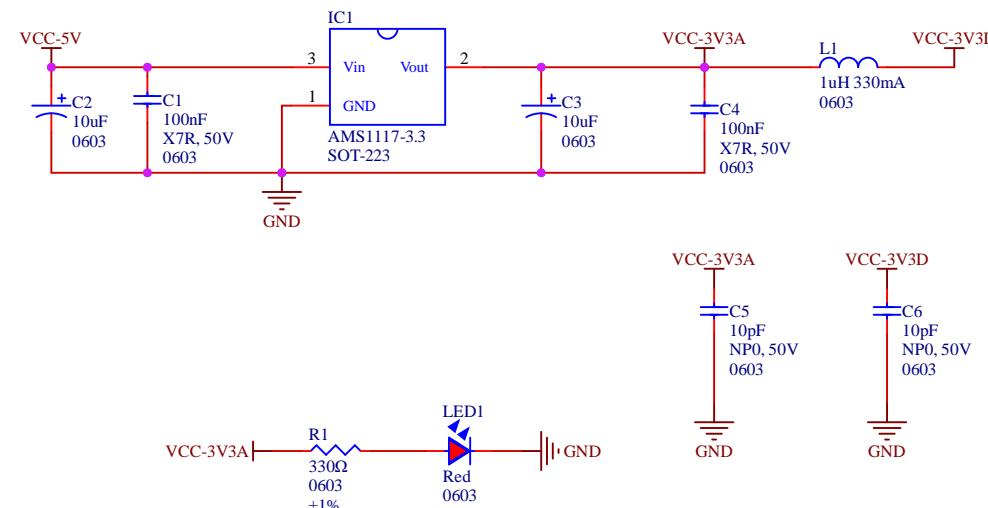
B

C

C

D

D



Title: VOLTAGE_RESOURCE

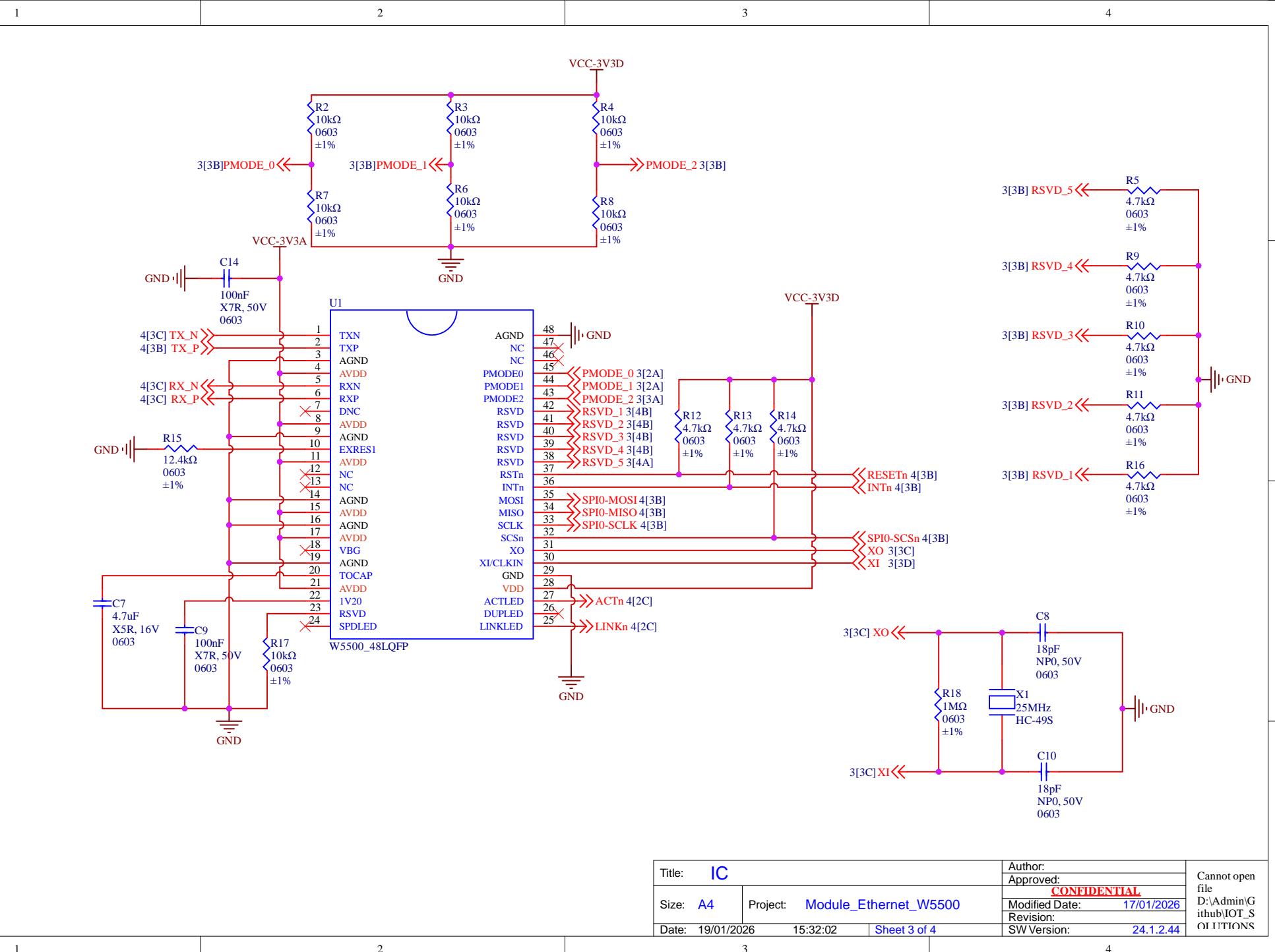
Author:
Approved:**CONFIDENTIAL**Cannot open file
D:\Admin\GitHub\IOT_SOLUTIONS

Size: A4 Project: Module_Ethernet_W5500

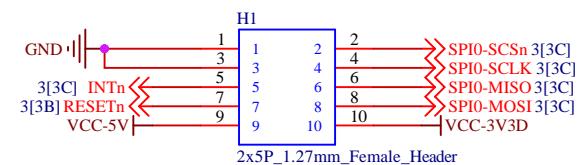
Modified Date: 15/01/2026
Revision:

Date: 19/01/2026 15:32:02 Sheet 2 of 4

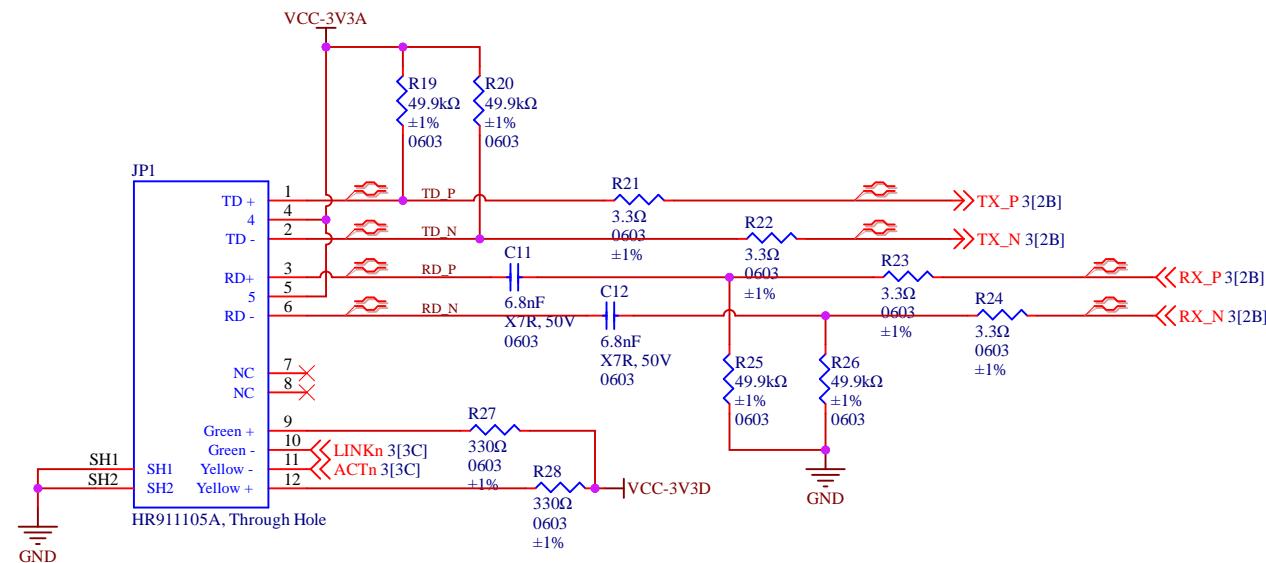
SW Version: 24.1.2.44



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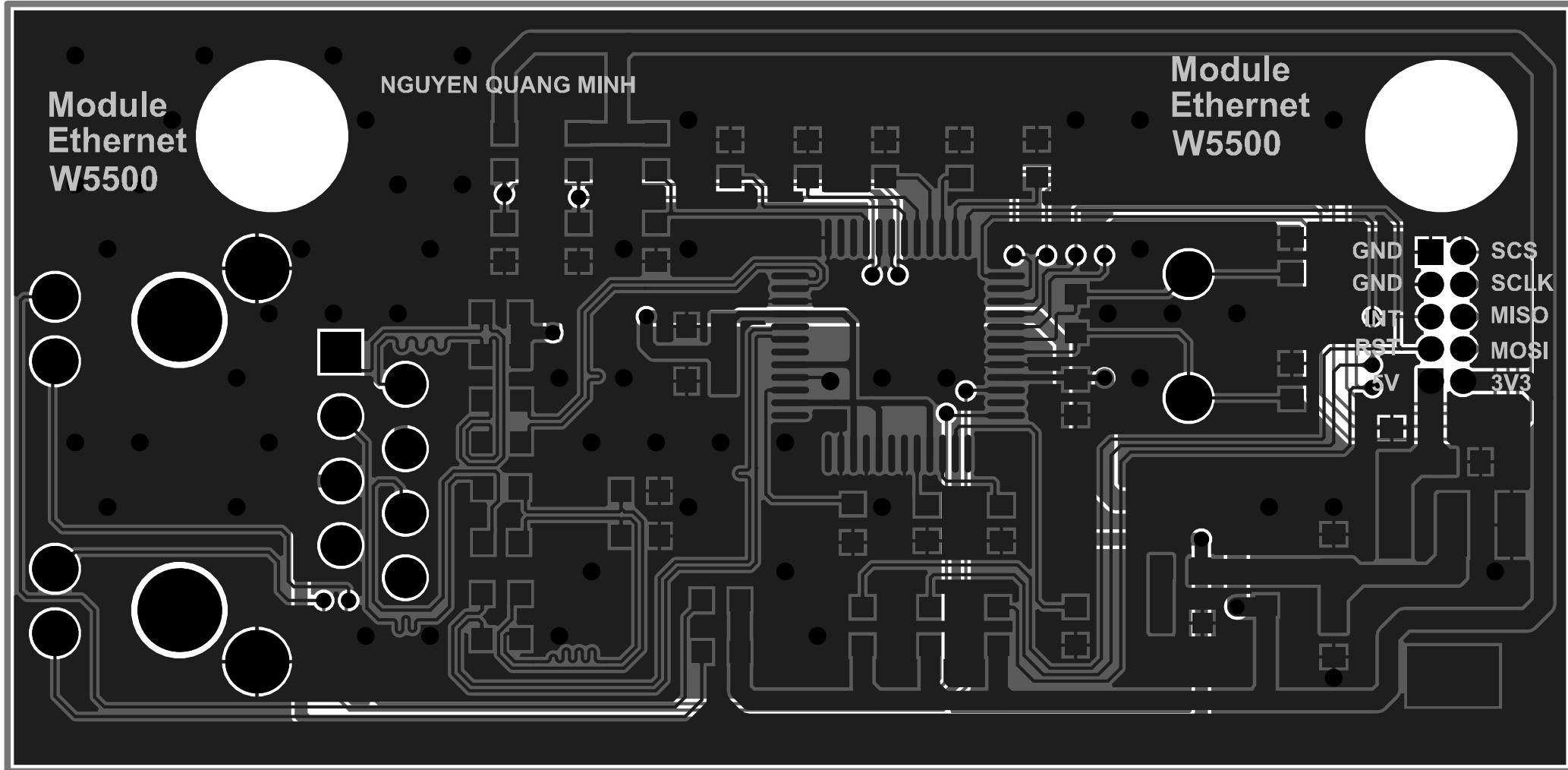


B



C

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



Comment	Description	Designator	Footprint	LibRef	Quantity
100nF	50V 100nF X7R ±10% 0603 Multilayer Ceramic Capacitors MLCC - SMD/SMT ROHS 10Q@100kHz 0603	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_N_P0_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_N_P0_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 R45 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% 3300 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_48LOFP	LOFP-48(7x7) Interface Controllers RoHS	U1	48LOFP (7*7)	W5500_48LOFP	1
25MHz	Crystal 25MHz ±20ppm 20pF HC-49S	X1	HC-49S	Crystal_25Mhz_HC49S	1