

U1

VR1

K1

S1

D3

D4

C2

C1

C5

J2

L1

D2

IC1

C6

C3

P2

R3

W!F!

R2

IC2

R4

R1

R5

P1

C7 R5

Nilinet-ATS-v0.2

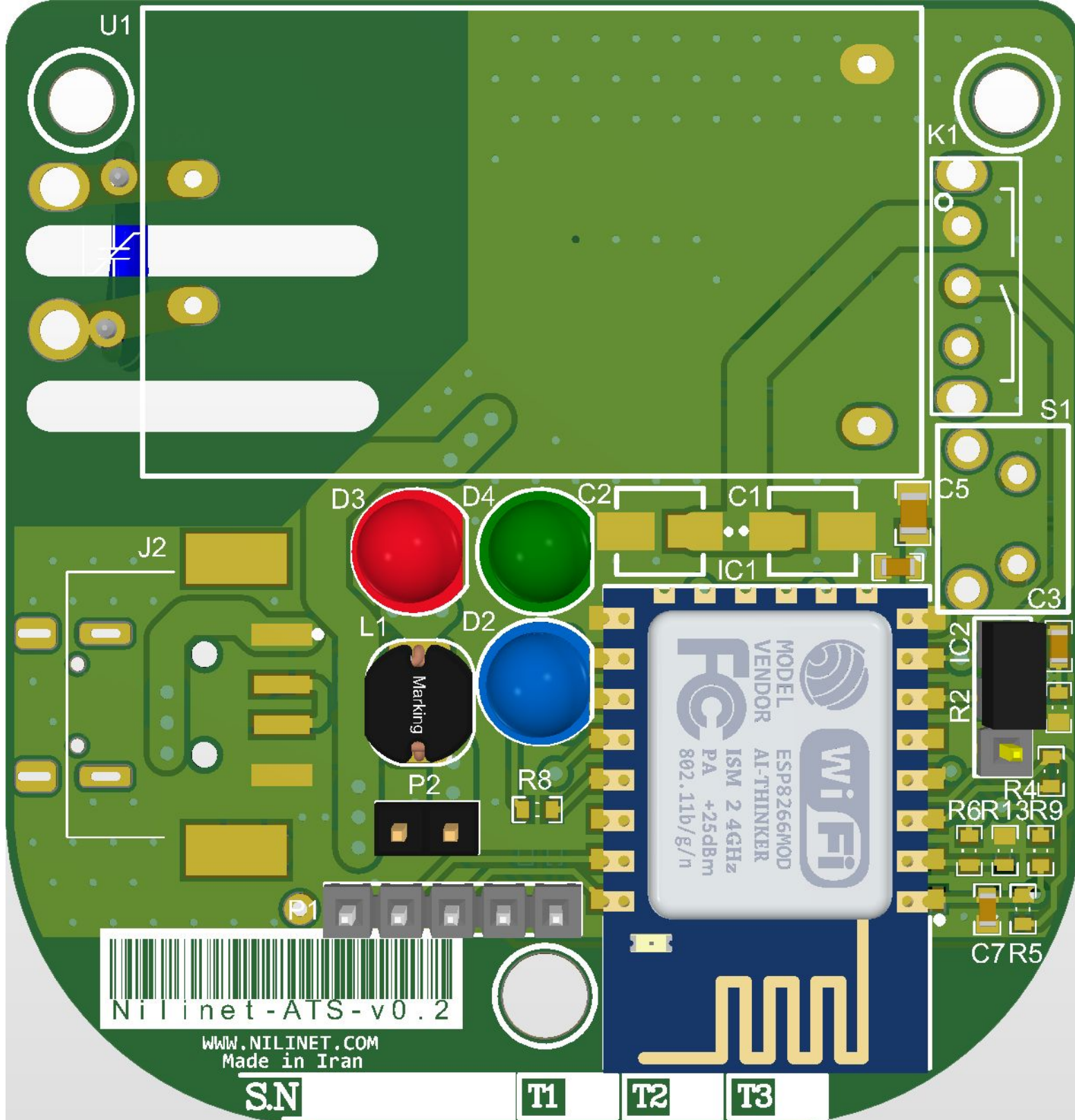
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S.N

T1

T2

T3



Comment	Description	Designator	Footprint	LibRef	Quantity
22Uf	Capacitor Polarised	C1	UWT(4X5.4)	UWT1C100MCL1GB	1
10Uf	Capacitor Polarised	C2	UWT(4X5.4)	UWT1C100MCL1GB	1
100nF	TOTAL CAPACITOR SMD PACK	C3, C4, C6, C7	CAP0603	CAP SMD PACKAGE	4
22uF	TOTAL CAPACITOR SMD PACK	C5, C9	CAP0805	CAP SMD PACKAGE	2
10uF	TOTAL CAPACITOR SMD PACK	C8	CAP0805	CAP SMD PACKAGE	1
4.7uF	TOTAL CAPACITOR SMD PACK	C10, C12	CAP0805	CAP SMD PACKAGE	2
1uF	TOTAL CAPACITOR SMD PACK	C11, C13	CAP0805	CAP SMD PACKAGE	2
1N4007	Diode	D1	DIOM5327X242N	1N4007	1
LED 5MM	Light Emitting Diode	D2	LED5MM_BLUE	LED 5MM	1
LED 5MM	Light Emitting Diode	D3	LED5MM_RED	LED 5MM	1
LED 5MM	Light Emitting Diode	D4	LED5MM_GRN	LED 5MM	1
0	TOTAL SMD RESISTOR PACK	F1, F2, F3	RES0805	RES SMD PACKAGE	3
ESP8266 ESP_12	ESP8266 ESP-12	IC1	ESP8266 ESP_12	ESP8266 ESP_12	1
HC-SR501		IC2	jumper selector	HC-SR501	1
HT4928S	Integrated Circuit	IC3	SOIC127P600X180-8N	HT4928S	1
USB Connector	USB Connector MICRO-B Type	J1	MicroUSB111	USB MICRO	1
USB-A-S-F-B-SM2	Connector	J2	USBASFBSM3	USB-A-S-F-B-SM2	1
Key		K1	Key	Key	1
4μ7	Inductor 4.7μH SMD 3x3.2mm	L1	Inductor SMD 3x3.2mm	Inductor 4.7μH SMD 3x3.2mm	1
Header 5	Header, 5-Pin	P1	HDR1X5	Header 5	1
Header 2	Header, 2-Pin	P2	HDR1X2	Header 2	1
BC817	45 V, 500 mA NPN general-purpose transistors	Q1, Q2	SOT23_N	BC817	2
5K	TOTAL SMD RESISTOR PACK	R2, R12	RES0603	RES SMD PACKAGE	2
10K	TOTAL SMD RESISTOR PACK	R4, R5, R7, R10, R11, R14, R15, R16	RES0603	RES SMD PACKAGE	8
100K	TOTAL SMD RESISTOR PACK	R6	RES0603	RES SMD PACKAGE	1
220	TOTAL SMD RESISTOR PACK	R8	RES0603	RES SMD PACKAGE	1
0	TOTAL SMD RESISTOR PACK	R9	RES0603	RES SMD PACKAGE	1
220K	TOTAL SMD RESISTOR PACK	R13	RES0603	RES SMD PACKAGE	1
Switch PB	Push Button Switch	S1	SwitchRight	Switch PB	1
HLK-5M05		U1	HLK-5M05	HLK-PM01	1
3V3	x.x Volt, 800mA Low-Dropout Linear Regulator, 4-pin SOT-223	U2	SOT223	AMS1117-x.x	1
xxDxxx	VARISTORS	VR1	10D XXX	VARISTOR (VDR)	1