

Comment	Description	Designator	Footprint	Ref	Quantity
TP_1,2	TEST POINT	1	TP_1,2	TP_1,2	1
30R/4A	B-1206	B1, B4	BEAD_1206	B-1206	2
30R/4A	B-0805	B2, B3, B5, B6	BEAD_0805	B-0805- 300R#100MHZ_4A	4
300R/2.5A	B-1206	B7	BEAD_1206	B-1206 300R#100MHZ-2.5A	1
TP	TEST POINT	B00T1, PM1, PM2, PM3, PM4, SWCLK1, SWDIO1	TP-1,2	TP	7
0.1uF/50V	C-0603	C1, C4, C5, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C25, C27, C28, C29, C42, C43, C48, C49, C52, C53, C54, C55, C58, C59, C60, C61, C62, C67	CAP_0603	C-0603-104K50-K7R	36
1uH/50V	C-0603	C2, C56, C57	CAP_0603	C-0603-102K50-K7R	3
22pF/50V	C-0603	C3	CAP_0603	C-0603-220F50-NP0	1
22uF/10V	C-0805	C6, C7	CAP_0805	C-0805-224M10-K2R	2
10uF/50V	C-1206	C8	CAP_1206	C-1206-104K50-K2R	1
10uF/25V	C-0805	C24, C26	CAP_0805	C-0805-104M25-K7R	2
0.1uF/50V	C-0402	C20, C31, C32, C33, C36, C37, C38, C39, C44, C45, C46, C45, S48, C49, C70, C72, C73, C74	CAP_0402	C-0402-104K50-K7R	18
0.1uF/100V	C-1206	C14, C35	CAP_1206	C-1206-104K100-K7R	2
10uF 18V	C-0603	C40, C41	CAP_0603	C-10uF-18V	2
1uF/50V	C-0603	C46, C47, C71	CAP_0603	C-0603-102K50-K7R	3
100pF/50V	C-0603	C10, C51	CAP_0603	C-0603-101K50-K2R	2
4.7uF/6.3V	C-0603	C63	CAP_0603	C-0603-475K6.3-K2R	1
10uF/10V	C-0805	C66	CAP_0805	C-0805-104K10-K7R	1
0.68uF	P-15	CX1	CAP_DIP-X-15MM-18*10	P-X-683K75	1
2200pF/250V	P7.5	CY1, CY2	CAP_DIP-Y-7.5MM-8*4	C-Y-220K250-V5V	2
SS56B	DO-214AA	D2	DO-214AA-SMB	D-56D-5A-60V	1
F11	SMD-123FL	D2, D3, D4, D5, D6, D7, D8, D9, D16	SMD-123FL	D-F11	4
DS90C03	DO-214AA	D10, D11, D12	DO-214AA-SMB	D-95-SMB	3
INA148W	SMD-123	D13, D14, D15	SMD-123	D-INA148W	3
RLV 78A	94固定電壓	D17	INA148W-Small	D-RLV-78V 78A	1
SD05C	SMD-323	D18, D19, D20, D23, D24, D25, D26	SMD-323-TVS	D-SD05C	1
SD03	SMD-323	D21, D22	SMD-323	D-SD03	2
TP_2,0	TEST POINT	Debug_RX1, Debug_TX1, MCU_EN1, REST1, SWDIO_01, TP1, TP2	TP-1,5	TP_2,0	7
0.15A	P12	F1	F-932	F-0.15A-AC250V	1
SA/300V/AC	0.68mm	F2	F-932	F-5A-AC300V	1
VH-2L-PR-H	3.6mm	P1, P2, P3, P4, P5, P6, P7, P9, P10, P13	VH-2L-PR-MI-H	CONN-VH-2L-PR-MI-H	10
VH-3L-N	3.6mm	P8	VH-3L-N	CONN-VH-3L-N-SPINSP	1
PHS-2L-PR-H	2mm	P11, P12	PHS-2L-PR-MI-H	CONN-PHS-2L-PR-MI-H	2
PHS-10L-BE	2mm	P14	PHS-10L-BE-MI	CONN-PHS-10L-BE-MI	1
PHS-2L-N	2mm	P15, P16, P17	PHS-2L-N-MI	CONN-PHS-2L-N-MI	3
XH-3L-RD	2.5mm	P18	XH-3L-RD-MI	CONN-XH-3L-RD-MI	1
XH-2L-PR	2.5mm	P19	XH-2L-N-MI	CONN-XH-2L-PR-MI	1
XH-2L-BE	2.5mm	P20	XH-2L-BE-MI	CONN-XH-2L-BE-MI	1
GH-3L	1.25mm	P21	GH-3AWR-V-2R	CONN-GH-3L	1
GH-2L	1.25mm	P22, P23	GH-3AWR-V-2R	CONN-GH-2L	2
DP-2.54-4	2.54mm	P24	DP-2.54-4	CONN-DP-2.54-4	1
DP-2.54-6	2.54mm	P25	DP-2.54-6	CONN-DP-2.54-6	1
Q24E	QF10	L1	IND-SMD-10*10	L-Q24E-5.5A	1
2mH-5A	L2	L2	IND-MI-10*10	L-2mH-5A	1
250-6.3*0.8-L	L3, LNT1, NT1, N101	L3	CONN-888H-3-2*F	CONN-250-6.3*0.8-L	4
RED	LED-0603	LED1	LED-0603r	LED-0603-RED-060	1
WH1	LED-0603	LED2	LED-0603W	LED-0603-WH1-060	1
AWD-AW518	AW518	MCU01	CONN-18	CONN-AWD-AW518	1
NCF6003	SOT-23	C1, C2, C3, C4, C5, C6, C7, C15	SOT-23	MOS-NCF6003-N	8
Q551	SOT23	Q5, Q12, Q15	SOT-23	Q1-MMBT1551-NPN	2
STP6A21	SO-8	C20, C10	SO-8-MOS	MOS-STP6A21-P	2
EMB20P05A	TO-252	C11	TO-252-3-2	MOS-EMB20P05A-P	1
Q551	SOT23	C13, C14, C16, C17	SOT23	Q1-MMBT1551-NPN	4
Q501	SOT23	C19	SOT-23	Q1-MMBT1540-PNP	1
UDR	R-0805	R1	RES-0805	R-0805-10K-F	1
DR	R-0603	R2	RES-0603	R-0603-10K-F	1
UDR	R-0603	R3, R6, R8, R18, R22, R25, R37, R61	RES-0603	R-0603-100K-F	8
UDR	R-0603	R4, R9	RES-0603	R-0603-100K-F	2
UDR	0603 resistor	R5	RES-0603	R-0603-54K-F	1
UDR	R-0603	R7, R10, R12, R11, R14, R15, R16, R17, R20, R21, R25, R27, R29, R31, R33, R36, R44, R58, R63, R65, R67, R73, R74, R75, R76, R80, R84, R102	RES-0603	R-0603-10K-F	28
UDR	R-0603	R11	RES-0603	R-0603-20K-F	1
UDR	R-0603	R19	RES-0603	R-0603-2.2K-F	1
UDR	R-1206	R21, R24, R26, R28, R30, R32, R34, R66	RES-1206	R-1206-0.20K-F	8
UDR	R-0603	R38	RES-0603	R-0603-300K-F	1
UDR	R-0603	R39, R56, R68, R77, R78, R81, R83, R84, R85, R86, R88, R95, R98, R99	RES-0603	R-0603-1K-F	14
UDR	R-0603	R40, R79, R82, R89, R90	RES-0603	R-0603-0R-F	5
UDR	R-0603	R41, R42	RES-0603	R-0603-51K-F	2
UDR	R-0802	R42, R43	RES-0802	R-0802-0R-F	2
UDR	R-0402	R45, R46, R48, R50, R53, R54, R59, R60, R62, R64, R69, R70, R82, R83, R100	RES-0402	R-0402-10K-F	15
UDR	R-0802	R49, R51	RES-0802	R-0802-47K-F	2
UDR	R-2512	R52, R55, R57	RES-2512	R-2512-0.20K-F	1
UDR	R-0603	R13, R22	RES-0603	R-0603-20K-F	2
UDR NC	R-1206	R87, R91	RES-1206	R-1206-0R-F	2
UDR	R-0603	R96, R97, R101	RES-0603	R-0603-5.1K-F	3
UDR1K	P7.5mm	RV1	RV-15MM-17.5*9.5	RV-P7.5-14D471K	1
14D561K	P7.5mm	RV2	RV-15MM-17.5*9.5	RV-P7.5-14D561K	1
SGM4630	ESOP-8	U1	ESOP-8	IC-POWER-SGM4630	1
BL1117-3.3	SOT-223	U2	SOT-223	IC-POWER-BL1117-3.3V	1
HC12F440KETA	LOFP-64	U3	LOFP-64	IC-MCU-HC12F440KETA	1
UPM6000	U8	U8	ESP32-MIN1-U	UPM6000	1
HF32V-16/24-1.8T	HF12F	F1	Y-HF32F	F-HF32V-16/24-1.8T	1