

BOM STEVAL-WESU1

Item	Q.ty	Reference	Part/Value	Voltage/Ampere/Ohm	Type / Additional Notes	Tolerance	Package	Manufacturer	Manufacturer Code	More Info
1	1	ANT1	2.4 GHz		Chip Antenna		SMD	Pulse	W3008C	
2	1	CN500	Micro_USB_AB					Molex	47590-0001	
3	5	C110,C200,C216,C401,C411	1uF	6.3V	Ceramic X5R	+10%	SMD 0402	Murata	GRM155R60J105KE19D	
4	23	C111,C112,C113,C114,C115, C116,C201,C219,C222,C225, C228,C302,C304,C305,C306, C307,C308,C309,C406,C407, C412,C504,C505	100nF	16V	Ceramic X5R	+10%	SMD 0201	Murata	GRM033R61C104KE84D	
5	4	C117,C303,C400,C404	10uF	6.3V	Ceramic X5R	+20%	SMD 0402	TDK	C1005X5R0J106M050BC	
6	2	C118,C119	10pF	25V	Ceramic COG, NPO	+0.5pF	SMD 0201	TDK	C0603C0G1E100D030BA	
7	1	C206	51pF NOT MOUNT	50V	Ceramic COG	+10%	SMD 0402	Murata	GRM1555C1H510GA01D	
8	2	C212,C213	12p	50V	CH	+0.1pF	SMD 0201	Murata	GRM0335C1H120GA01	
9	2	C214,C221	100p	16V	Ceramic X7R	+10%	SMD 0201	Murata	GRM033R71C101KD01D	
10	2	C223,C224	Not Mount	Not Mount	Not Mount	Not Mount	SMD 0402	Murata	Not Mount	
11	2	C226,C227, C22,C23	15p	25V	COG	+0.1pF	SMD 0201	Murata	GJM0336C1E150FB01D	
12	1	C229	150n	6.3V	Ceramic X5R	+10%	SMD 0402	Murata	GRM155R60J154KE01D	
13	2	C402,C403	2.2uF	6.3V	Ceramic X5R(EIA)	+20%	SMD0402	Murata	GRM155R60J225ME95D	
14	3	C405,C408,C409	10nF	10V	Ceramic X7R	+10%	SMD 0201	Murata	GRM033R71A103KA01D	
15	1	C410	220nF	16V	Ceramic X7R	+10%	SMD 0402	Murata	GRM155R71C224KA12D	
16	1	C500	4.7nF	50V	Ceramic X7R	+10%	SMD 0402	Murata	GRM155R71H472KA01D	
17	1	C501	47uF	10V	Ceramic X5R	+20%	SMD 0805	TDK	C2012X5R1A476M125AC	
18	1	D401	RED		LED			VISHAY	VLM51500-GS08	
19	1	D500	WHITE		LED			VISHAY	VLMW1500-GS08	
20	1	D501	ESDALC6V1-1U2		ST0201			ST	ESDALC6V1-1U2	
21	1	D502	ESDA7P60-1U1M		QFN			ST	ESDA7P60-1U1M	
22	1	J500	SWD/JTAG				THR 1.27 mm 2x5	SAMTEC	FTSH-105-01-F-D-K	
23	1	J501	CON3				SMT 3W 1.2 mm pitch	Molex	78171-0003	
24	1	L203	10uH			20%	SMD 0805	Murata	LQM21FN100M70L	
25	1	L204	0R OHM			+0,1nH	SMD 0402	Murata	TBD	
26	1	L205,L206	3.9nH			+0,3nH	SMD 0201	Murata	LQG15HN3N95O2D	
27	3	L401,L402,L403	1.5 Ohm 215 mA				SMD 0201	Murata	BLM038D471SN1D	
28	4	R113, R309, R405, R506	0			+1%	SMD 0201	ANY	ANY	
29	10	R116,R117,R119,R120,R121, R122,R123,R200,R201,R501	10k			+1%	SMD 0201	ANY	ANY	
30	5	R301,R302,R303,R307,R308	0			+1%	SMD 0201	ANY	ANY	
31	5	R114,R118,R304,R305,R306	0-NOT MOUNT			+1%	SMD 0201	ANY	ANY	
32	1	R400	2K			+1%	SMD 0201	ANY	ANY	
33	1	R401	1R			+1%	SMD 0201	ANY	ANY	
34	1	R402	60 - 0.05W			+1%	SMD 0201	ANY	ANY	
35	2	R403-R408	1K			+1%	SMD 0201	ANY	ANY	
36	1	R404	10K NTC -NOT MOUNT			+1%	SMD 0402	Vishay	NTCS0402E3103FLT	
37	1	R412	1M			+1%	SMD 0201	ANY	ANY	
38	1	R413	33K			+1%	SMD 0201	ANY	ANY	
39	1	R500	1M			+1%	SMD 0201	ANY	ANY	
40	2	R502,R503	100K			+1%	SMD 0201	ANY	ANY	
41	1	R504	100			+1%	SMD 0201	ANY	ANY	
42	1	R505	0.05			+1%	SMD 0402	WELWYN	LRC50402-0R05FT5	
43	1	SW500	SW PUSHBUTTON-DPST					Omron	B3U-3000P	
44	1	U201	U.FL connector - NOT MOUNT	50 Ohm - 6 GHz	SMD Coaxial Connector		SMT	Hirose	U.FL-R-SMT-1(10)	
45	1	U100	STM32L151VEY6		WLCSP104			ST	STM32L151VEY6	
46	1	U200	BLUENRG-MS		VFQPN32 5x5 mm			ST	BLUENRG-MSQTR	
47	1	U202	BALF-NRG-01D3		FLIP CHIP 4 ball			ST	BALF-NRG-01D3	
48	1	U301	LPS25HB		HLGA-10L (2.5 x 2.5x 0.76 mm)			ST	LPS25HB	
49	1	U302	LSM6DS3		LGA-14L (2.5x3x0.83 mm)			ST	LSM6DS3	
50	1	U303	LIS3MDL		VFLGA-12 (2.0x2.0x1.0 mm)			ST	LIS3MDL	
51	1	U400	STNS01		DFN12L (3x3 mm)			ST	STNS01	
52	1	U401	STC3115		CSP (1.4 x 2.0 mm)			ST	STC3115	
53	1	U402	Voltage Regulator 3.1V		SOT666			ST	STLQ015XG31R	Alternate parts: 1) ST715PU33R DFN8 (3x3 mm) 3.3V 2) STLQ015M30R SOT23-5L 3.0V
54	1	U502	USBULC6-2M6		uQFN			ST	USBULC6-2M6	
55	2	Y2, Y201	NX2012SA 32k EXS00A-MU00389					NDK		
56	1	Y101	NX2016SA 24MHZ EXS00A-CS05544					NDK		
57	1	Y202	NX2016SA 32MHZ EXS00A-CS06644					NDK		

Adapter Board

Item	Q.ty	Reference	Part/Value	Voltage/Ampere/Ohm	Type / Additional Notes	Tolerance	Package	Manufacturer	Manufacturer Code	More Info
1	2	J1-J2	Con3				Strip Line Male THR 2,54 mm 1x3	Any		
2	1	J5	External Connector				Strip Line Male THR 2,54 mm 1x8	Any		

3	1	J9	JTAG-Connector				THR 2,54 mm 2x10	Tyco Electronics	2-1634688
4	1	J10	Jump_JTD				Strip Line Male THR 2,54 mm 1x2	Any	
5	1	J12	SWD/JTAG				THR 1.27 mm 2x5	SAMTEC	FTSH-105-01-F-D-K
6	1	C1	100nF	16V	Ceramic X5R	+10%	SMD 0201	Murata	GRM033R61C104KE84D
7	1	R1	10k			+1%	SMD 0201	ANY	ANY
8	2	S1	SW PUSHBUTTON Adapter					C&K	KMR221GLFS
9	1		SWD flat cable		Cable			SAMTEC	FFSD-05-D-08.00-01-N