

Bill of materials

Table 1. Bill of materials AEK-POW-BMSLV

Item	Q.ty	Ref.	Part / Value	Description	Manufacturer	Order code
1	28	C2, C5, C7, C9, C11, C13, C15, C17, C21, C24, C35, C38, C42, C45, C52, C143, C144, C146, C147, C149, C151, C153, C155, C159, C160, C162, C164, C166	0.10μF, 0402C, 25V, ±10%	MLCC - SMD/SMT 0.1 uF 25 VDC 10% 0402 X7R	WURTH ELEKTRONIK	885012205085R
2	4	C26, C28, C30, C32	0.047μF, 0402C, 25V, ±10%	MLCC - SMD/SMT 0.047 uF 25 VDC 10% 0402 X7R	WURTH ELEKTRONIK	885012205054
3	1	C43	27pF, 0402C, 50V, ±5%	MLCC - SMD/SMT 27 pF 50 VDC 1% 0402 X8G	WURTH ELEKTRONIK	885392005116
4	10	C50, C83, C148, C150, C152, C154, C161, C163, C165, C167	10μF, 0402C, 6.3V, ±20%	MLCC - SMD/SMT 0402 10uF 10VDC 20% X5R	WURTH ELEKTRONIK	885012105020
5	4	C80, C82, C156, C158	10pF, 0402C, 50V, ±5%	MLCC - SMD/SMT 10 pF 50 VDC 5% 0402 C0G (NP0)	WURTH ELEKTRONIK	885012005055
6	2	C81, C157	4700pF, 0402C, 50V, ±10%	MLCC - SMD/SMT 4700 pF 50 VDC 10% 0402 X7R	WURTH ELEKTRONIK	885012205065
7	1	C145	1μF, 0402C, 10V, ±20%	MLCC - SMD/SMT 1 uF 25 VDC 20% 0402 X5R	WURTH ELEKTRONIK	885012105012
8	3	R3, R4, R169	0402R, 0.1W, 1/10W Jumper	Thick Film Resistors - SMD 0402 Zero ohms 5% Tol AEC-Q200	Panasonic	ERJ-2GE0R00X
9	10	R15, R72, R161, R163, R165, R167, R174, R177, R180, R183	510, 0402R, 0.1W, 1/10W, ±1%	Thick Film Resistors - SMD 0402 510ohms 1% AEC-Q200	Panasonic	ERJ-2RKF5100X
10	2	R42, R43	2.2K, 0402R, 0.1W, ±1%	Thick Film Resistors - SMD 0402 2.2Kohms 1% AEC-Q200	Panasonic	ERJ2RKF2201X
11	2	R47, R48	47k, 0402R, 0.2W, 1/5W, ±5%	Thick Film Resistors - SMD 0402 5% 47Kohm Anti-Surge AEC-Q200	Panasonic Electronic Components	ERJ-PA2J473X
12	1	R59	2k, 0402R, 0.1W, 1/10W, ±1%	Thick Film Resistors - SMD 0402 2Kohms 1% Tol AEC-Q200	Panasonic Electronic Components	ERJ-2RKF2001X
13	15	R83, R86, R90, R92, R94, R97, R100, R104, R108, R110, R114, R119, R125, R131, R133	100, 0402R, 0.2W, 1/5W, ±5%	Thick Film Resistors - SMD 0402 5% 100ohm Anti-Surge AEC-Q200	Panasonic Electronic Components	ERJ-PA2J101X

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14	8	R146, R147, R148, R149, R150, R151, R152, R153	1k, 0402R, 0.2W, 1/5W, ±5%	Thick Film Resistors - SMD 0402 5% 1.0Kohm Anti-Surge AEC-Q200	Panasonic Electronic Components	ERJ-PA2J102X
15	37	C3, C6, C8, C10, C12, C14, C16, C18, C19, C20, C25, C27, C29, C31, C33, C36, C39, C48, C54, C68, C69, C92, C97, C101, C103, C105, C107, C109, C111, C113, C115, C117, C123, C125, C135, C170, C173	10nF, 0603C, 100V, ±10%	MLCC - SMD/SMT 0.01 uF 50 VDC 10% 0603 X7R	WURTH ELEKTRONIK	885012206114R
16	2	C40, C41	8.2pF, 0603C, 100V, ±0.5pF	MLCC - SMD/SMT 8.2 pF 50 VDC 0.1 pF 0603 X8G	WURTH ELEKTRONIK	885012006093
17	1	C44	0603C, 50V, ±5%	MLCC - SMD/SMT 47 pF 50 VDC 5% 0603 X8G AEC-Q200 (not mounted)	Any	
18	13	C46, C53, C60, C63, C72, C76, C89, C119, C120, C121, C122, C168, C169	100nF, 0603C, 100V, ±10%	MLCC - SMD/SMT 0.1 uF 100 VDC 20% 0603 X7R	WURTH ELEKTRONIK	885012206120
19	19	C66, C84, C91, C93, C100, C102, C104, C106, C108, C110, C112, C114, C116, C118, C124, C126, C136, C140, C141	47nF, 0603C, 100V, ±10%	MLCC - SMD/SMT 0.047 uF 50 VDC 10% 0603 X7R	WURTH ELEKTRONIK	885012206118
20	2	C77, C142	4.7nF, 0603C, 100V, ±10%	MLCC - SMD/SMT 4700 pF 50 VDC 20% 0603 X7R	WURTH ELEKTRONIK	885012206112
21	7	C90, C98, C131, C132, C133, C134, C139	6.8nF, 0603C, 100V, ±10%	MLCC - SMD/SMT 6800 pF 50 VDC 10% 0603 X7R	WURTH ELEKTRONIK	885012206113
22	1	C94	220nF, 0603C, 25V, ±10%	MLCC - SMD/SMT 0.22 uF 50 VDC 10% 0603 X7R	WURTH ELEKTRONIK	885012106019
23	3	C99, C178, C179	1µF, 0603C, 25V, ±20%	MLCC - SMD/SMT 1 uF 25 VDC 20% 0603 X5R	WURTH ELEKTRONIK	885012106022
24	4	C127, C128, C129, C130	2.2nF, 0603C, 50V, ±10%	MLCC - SMD/SMT 2200 pF 50 VDC 10% 0603 X7R	WURTH ELEKTRONIK	885012206085
25	1	C138	33pF, 0603C, 50V, ±5%	MLCC - SMD/SMT 33 pF 50 VDC 5% 0603 C0G (NP0)	WURTH ELEKTRONIK	885012006054
26	4	C171, C172, C176, C177	22pF, 0603C, 50V, 5%	MLCC - SMD/SMT 22 pF 100 VDC 5% 0603 C0G (NP0)	WURTH ELEKTRONIK	885012006053
27	31	R1, R2, R12, R17, R26, R29, R31, R32, R33, R39, R40, R41, R45,	0603R, 0.1W, ±1%	Thick Film Resistors - SMD 0603 Zero Ohms	Panasonic	ERJ3GEY0R00V

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		R49, R50, R51, R52, R53, R57, R58, R60, R61, R62, R64, R65, R66, R82, R136, R140, R171, R208				
28	34	R5, R9, R77, R78, R85, R111, R112, R117, R120, R121, R122, R123, R144, R145, R154, R155, R156, R157, R158, R160, R162, R164, R166, R175, R178, R181, R184, R203, R204, R205, R206, R207, R209, R210	10K, 0603R, 0.2W, $\pm 1\%$	Thick Film Resistors - SMD 0603 10Kohms 0.2W 1% AEC-Q200	Panasonic	ERJP03F1002V
29	15	R6, R10, R28, R35, R37, R44, R55, R63, R67, R75, R81, R135, R138, R139, R172	0603R	0603 (not mounted)	Any	
30	1	R7	4.7K, 0603R, 0.25W, $\pm 1\%$	Thick Film Resistors - SMD 0603 4.7Kohm 1% Anti-Surge AEC-Q200	Panasonic	ERJPA3F4701V
31	2	R8, R76	2K, 0603R, 0.2W, $\pm 1\%$	Thick Film Resistors - SMD 0603 2Kohms 0.2W 1% AEC-Q200	Panasonic	ERJP03F2001V
32	1	R13	22k, 0603R, 0.25W, 1/4W, $\pm 5\%$	Thick Film Resistors - SMD 0603 22Kohm 5% Anti-Surge AEC-Q200	Panasonic Electronic Components	ERJ-PA3J223V
33	5	R14, R27, R185, R186, R187	5.1k, 0603R, 0.1W, 1/10W, $\pm 1\%$	Thick Film Resistors - SMD 0603 5.1Kohms 1% AEC-Q200	Panasonic	ERJ-3EKF5101V
34	13	R18, R21, R25, R56, R141, R188, R189, R190, R191, R192, R193, R194, R195	1K, 0603R, 0.25W, $\pm 1\%$	Thick Film Resistors - SMD 0603 1Kohm 1% Anti-Surge AEC-Q200	Panasonic	ERJPA3F1001V
35	1	R22	2.2, 0603R, 0.25W, 1/4W, $\pm 5\%$	Thick Film Resistors - SMD 0603 2.2ohm 5% Anti-Surge AEC-Q200	Panasonic Electronic Components	ERJ-PA3J2R2V
36	1	R24	150k, 0603R, 0.25W, 1/4W, $\pm 5\%$	Thick Film Resistors - SMD 0603 150Kohm 5% Anti-Surge AEC-Q200	Panasonic Electronic Components	ERJ-PA3J154V
37	3	R30, R54, R68	33k, 0603R, 0.25W, 1/4W, $\pm 5\%$	Thick Film Resistors - SMD 0603 33Kohm 5% Anti-Surge AEC-Q200	Panasonic Electronic Components	ERJ-PA3J333V
38	8	R69, R70, R96, R98, R168, R170, R213, R214	60.4, 0603R, 0.1W, $\pm 1\%$	Thick Film Resistors - SMD 0603 60.4ohms 1% AEC-Q200	Panasonic	ERJ3EKF60R4V
39	3	R71, R73, R142	100K, 0603R, $\pm 1\%$	Thick Film Resistors - SMD 0603 100Kohms 0.2W 1% AEC-Q200	Panasonic	ERJP03F1003V
40	2	R79, R87	3.9k, 0603R, 0.1W, $\pm 1\%$	Thick Film Resistors - SMD 0603 3.9Kohms 1% AEC-Q200	Panasonic	ERJ3EKF3901V
41	2	R80, R89	10k, 0603R, $\pm 3\%$	0603 - $\pm 1\%$ - 0.1W	TDK	NTCG163JH103HTDS

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42	2	R115, R118	33, 0603R, 0.25W, 1/4W, ±5%	Thick Film Resistors - SMD 0603 33ohm 5% Anti-Surge AEC-Q200	Panasonic Electronic Components	ERJ-PA3J330V
43	4	R126, R128, R129, R130	1.5k, 0603R, 0.25W, 1/4W, ±5%	Thick Film Resistors - SMD 0603 1.5Kohm 5% Anti-Surge AEC-Q200	Panasonic Electronic Components	ERJ-PA3J152V
44	2	R134, R137	10, 0603R, ±1%	Thick Film Resistors - SMD 0603 10ohm 1% Anti-Surge AEC-Q200	Panasonic	ERJPA3F10R0V
45	4	R173, R176, R179, R182	200k, 0603R, 0.1W, 1/10W, ±1%	Thick Film Resistors - SMD 0603 200Kohms 1% AEC-Q200	Panasonic	ERJ-3EKF2003V
46	9	R196, R197, R198, R199, R200, R201, R202, R211, R212	100, 0603R, 1/4 W, 1%	Thick Film Resistors - SMD 0603 100ohm 1% Anti-Surge AEC-Q200	Panasonic	ERJPA3F1000V
47	2	C1, C4	1.5µF, 0805C, 10V	MLCC - SMD/SMT 1.5 uF 25 VDC 10% 0805 X7R	WURTH ELEKTRONIK	885012207023
48	2	C22, C49	4.7µF, 0805C, 25V, ±20%	MLCC - SMD/SMT 4.7 uF 25 VDC 20% 0805 X5R	WURTH ELEKTRONIK	885012107018
49	7	C23, C34, C37, C78, C79, C95, C96	2.2uF, 0805C, 25V, ±10%	MLCC - SMD/SMT 2.2 uF 50 VDC 10% 0805 X5R	WURTH ELEKTRONIK	885012207079
50	1	C70	3.3µF, 0805C, 25V	MLCC - SMD/SMT 3.3 uF 25 VDC 10% 0805 X6S	WURTH ELEKTRONIK	885012107017
51	2	C86, C87	0.10µF, 0805C, 100V, ±10%	MLCC - SMD/SMT 0.1 uF 50 VDC 10% 0805 X8R	WURTH ELEKTRONIK	885012207128
52	16	FB1, FB2, FB3, FB4, FB5, FB6, FB7, FB8, FB9, FB10, FB11, FB12, FB13, FB14, FB15, FB16	1K@100MHz, 0805L, 1A, ±25%	Ferrite Beads Multi-Layer Power 1KOhm 25% 100MHz 1.5A 0.15Ohm DCR 0805	WURTH ELEKTRONIK	742792096
53	6	R16, R19, R20, R23, R34, R46	0805R, 0.125W, 1/8W Jumper	Thick Film Resistors - SMD 0805 Zero Ohms 5% Tol AEC-Q200	Panasonic Electronic Components	ERJ-6GEY0R00V
54	2	R36, R38	1k, 0805R, 0.5W, 1/2W, ±5%	Thick Film Resistors - SMD 0805 1Kohms 5% Anti-Surge AEC-Q200	Panasonic Electronic Components	ERJ-P6WJ102V
55	1	R159	1.3k, 0805R, 0.5W, 1/2W, ±5%	Thick Film Resistors - SMD 0805 1.3Kohms 0.5W 5% AEC-Q200	Panasonic Electronic Components	ERJ-P06J132V
56	1	C85	2.2µF, 1206C, 100V, ±10%	MLCC - SMD/SMT 2.2 uF 50 VDC 10% 1206 X5R AEC-Q200	Murata	GCM31CC72A225KE02L
57	1	C88	4.7uF, 1206C, 50V, ±10%	MLCC - SMD/SMT 4.7 uF 50 VDC 10% 1206 X7S	WURTH ELEKTRONIK	885012208094
58	2	C174, C175	1206C	1206 (not mounted)	Any	
59	1	R11	0.003, 1206R, 1W, ±1%	Current Sense Resistors - SMD 1206	Panasonic Electronic Components	ERJ-MP2MF3M0U

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				0.003ohm 1W 1% Current Sense		
60	2	R74, R101	1206R, 250mW, Jumper	Thick Film Resistors - SMD 1206 Zero ohm Jumper 0.05 AEC-Q200	Panasonic	ERJ-8GEY0R00V
61	4	C51, C67, C71, C75	47µF, 1210C, 16V	MLCC - SMD/SMT 47 uF 16 VDC 20% 1210 X6S	WURTH ELEKTRONIK	885012109011
62	6	C55, C56, C57, C58, C59, C73	10µF, 1210C, 25V, ±20%	MLCC - SMD/SMT 10 uF 25 VDC 20% 1210 X5R	WURTH ELEKTRONIK	885012209028
63	2	C61, C64	22uF, 1210C, 25V, ±10%	MLCC - SMD/SMT 22 uF 25 VDC 10% 1210 X7S	WURTH ELEKTRONIK	885012209074
64	3	C62, C65, C74	0.33µF, 1210C, 50V	MLCC - SMD/SMT 50V 0.33uF X7R 1210 10%	WURTH ELEKTRONIK	885012209044
65	2	C137, C181	10µF, 1210C, 50V, 10%	MLCC - SMD/SMT 1210 75VDC 10uF 10%	WURTH ELEKTRONIK	885012209073
66	1	R143	47, 2512R, 1W, ±5%	Thick Film Resistors - SMD 2512 47Ohms 1W 200V	TE Connectivity	352047RJT
67	2	C47, C180	47µF, 2917C, 35V, 10%	Tantalum Capacitors - Solid SMD 35V 47uF 2917 10% ESR=55mOhms AECQ200	KEMET	T510X476K035ATA055
68	1	Rsh1	0.1, CSM2F-8518- L100J21- Footprint-1, 36W, 5%	Current Sense Resistors - SMD ShuntMetric 8518 L100 5% 50W 2P Sn	Bourns	CSM2F-8518-L100J21
69	1	Y1	40MHz, CX3225SA40000D OPTWCC- Footprint-1, 50 PPM	Crystals 40MHz 8pF ESR=50ohms AEC- Q200	KYOCERA AVX	CX3225SA40000D0PTWCC
70	4	D10, D11, D12, D13	STTH102AY, SMA, 200V, 40 A	Rectifiers Auto Hi efficiency 1A 200V 0.78VF 20ns	ST Microelectronics	STTH102AY
71	1	D1	P0300SCLRP, DIOM5436X265N, 40V, 50 A	Thyristor Surge Protection Devices - TSPD 500A 25V	Littelfuse	P0300SCLRP
			SMP100LC-25, SMB		ST	SMP100LC-25
72	1	D6	SM4T18AY, DO-214AC, 15V, 400W	ESD Suppressors / TVS Diodes 400 W 2.3kW Transil 5V to 70V	ST	SM4T18AY
73	1	T3	120uH, ESMIT4180	Pulse Transformers 120uH	WURTH ELEKTRONIK	74941000
74	1	U1	SPC58EC80E5QM C1X, TQFP144 - EXPAD (6X6)	32-bit Microcontrollers - MCU 32-bit Power Architecture MCU for Automotive General Purpose Chorus family	ST	SPC58EC80E5QMC1X
75	1	F1	0451003.MRL, FP-0451-MFG, 125V, 3A	Surface Mount Fuses 125VAC 3A .0227ohms 451 NANO2	Littelfuse	0451003.MRL

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76	1	SW2	416131160804, FP-416131160804- MFG	DIP Switches/SIP Switches WS-DISV DIP 4p SMT 1.27mm Hrztl HP	WURTH ELEKTRONIK	416131160804
77	1	D15	ASMB- MTB1-0B3A2, FP- ASMB- MTB1-0A3A2- MFG, 2.1 V, 20mA, Broadcom / Avago	LED Tri-Color Blue/ Green/Red 465/522/634nm Chip LED 4-Pin PLCC T/R	Broadcom Limited	ASMB-MTB1-0B3A2
78	1	U3	INA180A3IDBVR, FP-DBV0005A- IPC_C, 5V5, 260uA	Amplificatori di rilevamento corrente 26V, 350kHz current sense amplifier 5- SOT-23 -40 to 125	Texas Instruments	INA180A3IDBVR
79	2	D2, D3	STPS30L30DJF- TR, FP- PowerFLAT_5x6- MFG, 30V, 30A	Schottky Diodes & Rectifiers High Efficiency PWR Schottky Diode	ST	STPS30L30DJF-TR
80	2	U5, U7	LM2902WYPT, TSSOP-14	Operational Amplifiers - Op Amps 1.3MHz 100dB 375uA 20nA 2nA 800V	ST	LM2902WYPT
81	1	L2	1uH, IHLP-4040DZ-11, 25A, +/-20%	SMD Inductors for power circuits - Automotive - Supplied by ST	Vishay	IHLP4040DZER1R0M11
82	1	DS1	Red, LED_0805, 2V	0805 - Led Red - 2V	WURTH ELEKTRONIK	150080RS75000
83	2	DS2, DS3	Green, LED_0805, 3.2V	0805 - Led Green - 3.2V	WURTH ELEKTRONIK	150080GS75000
84	4	DS4, DS5, DS6, DS7	Amber, LED_0805, 2V	0805 - Led Amber - 2V	WURTH ELEKTRONIK	150080AS75000
85	1	Q1	2STN1360, SOT-223-4, 60V, 3A, 1.6W	Bipolar Transistors - BJT LOW VOLTAGE FAST SWITCHING NPN POWER	ST	2STN1360
86	1	Q5	STL8N10LF3, PowerFLAT 5x6_WF type C, 100V, 7.8A, 70W	Automotive-grade N- channel 100 V, 25 mΩ typ., 7.8 A STripFET™ F3 Power MOSFET in a PowerFLAT™ 5x6 package	ST	STL8N10LF3
87	1	T2	STL105N4FL7AG, PowerFLAT 5x6mm, 40V, 15A	MOSFET Automotive- grade N-channel 40 V, 8 mOhm typ 15 A STripFET F7 Power MOSFET in Pow	ST	STL105N4LF7AG
88	14	R84, R88, R91, R93, R95, R99, R102, R107, R109, R113, R116, R124, R127, R132	39, RESC6432X120N, 3W, 5%	Thick Film Resistors - SMD 3522 39R 5% 3W	TE Connectivity	352239RJT
89	1	J4	55959-0830, SHDRRA8W70P25 0X200_2X4_1140X 1450X1170P, 250V, 3A	Headers & Wire Housings 8 Ckt R.A. Header	WURTH ELEKTRONIK	62400821722

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90	1	J3	55959-1030, SHDRRA10W50P2 50X200_2X5_1340 X1450X1195P, 250V, 3A	Headers & Wire Housings 10 Ckt R.A. Header	WURTH ELEKTRONIK	62401021722
91	2	J2, J5	55959-1630, SHDRRA16W45P2 50X200_2X8_1940 X1450X1170P, 250V, 3A	Headers & Wire Housings 16 Ckt R.A. Header	WURTH ELEKTRONIK	62401621722
92	1	J6	55959-1830, SHDRRA18W70P2 50X200_2X9_2140 X1400X1195P, 250V, 3A	Headers & Wire Housings 18 Ckt R.A. Header	WURTH ELEKTRONIK	62401821722
93	1	SW1	SKSGAAE010, SKSG, 12V, 50mA	Tactile Switches Compact High Force Without ground	ALPS Electric	SKSGAAE010
94	1	D9	SMA6T68AY, SMA, 68V, 600W	Automotive 600 W, 68V TVS in SMA	ST	SMA6T68AY
95	1	U8	L9963T, SO16N, 5V	Automotive general purpose SPI to isolated SPI transceiver	ST	L9963T
96	2	D7, D8	STPS5H100AF, SOD-128, 100V, 5A	Schottky Diodes & Rectifiers 100 V, 5 A SOD128Flat Power Schottky Rectifier	ST	STPS5H100AF
97	1	IC1	M95M04- DWMN3TP/V, SOIC127P600X175 -8N	EEPROM Automotive 4096 Kbit SPI bus EEPROM with high speed clock	ST	M95M04-DWMN3TP/V
98	1	U6	TJA1057GTJ, SOIC127P600X175 -8N	CAN Interface IC High- speed CAN transceiver	NXP	TJA1057GTJ
99	1	IC2	VNQ7050AJTR, SOP50P600X170-1 7N	Power Switch ICs - Power Distribution Quad-channel HSD analog current sense	ST	VNQ7050AJTR
100	1	U9	USBLC6-2SC6Y, SOT23-6L	Automotive ESD protection for high speed interfaces.	ST	USBLC6-2SC6Y
101	1	U10	USBLC6-2SC6Y, SOT23-6L	Automotive ESD protection for high speed interfaces.	ST	USBLC6-2SC6Y
102	2	D5, D14	ESDCAN24-2BLY, SOT-23-3, 27 V 5.5 A 230W	ESD Suppressors / TVS Diodes Dual-Line TVS Auto TVS CAN 24V 230W	ST	ESDCAN24-2BLY
103	3	Q2, Q3, Q4	STR2N2VH5, SOT-23-3, 20V, 2.3A, 350mW	MOSFET N-CH 20V 0.025Ohm 23A STripFET V	ST	STR2N2VH5
104	1	Q6	STN4NF06L, SOT230P700X190- 4N, 60V, 4A, 3.3W	MOSFET N-CH 60V 4A STripFET	ST	STN4NF06L
105	2	L1, L3	15uH, SPM6545- VT, 3.7A, +/-10%	Power Inductors - SMD 15uH 20% 72mOhm AEC-Q200	TDK	SPM6545VT-150M-D

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106	1	T1	STD45P4LLF6AG, TO-252-3, 40V, 50A	MOSFET P-CH 40V 50A DPAK	ST	STD45P4LLF6AG
107	1	D4	STPS1045SF, TO-277A, 20V, 1A	SMD Power Schottky Rectifier	ST	STPS1045SF
108	1	U4	L9963E, TQFP64_L9963E_ STM-M	Automotive Multicell battery monitoring and balancing IC	ST	L9963E
109	1	U2	SPSB100, VFQFN-56	Power management IC for highly integrated processors	ST	SPSB100
110	2	L5, L6	100uH, WE- CNSW_1812, 60V, 0.15A	WE-CNSW SMT Common Mode Line Filter, size 1812, 5000Ohm, 100uH, 60V	WURTH ELEKTRONIK	744235101
111	1	J1	61201421621, WR- BHD 2.54 mm Male Box Header, 250V (AC), 3A	2.54mm - IDC, Male Box Header WR-BHD, THT, Vertical	WURTH ELEKTRONIK	61201421621
112	1	L4	3.3uH, XAL6030 SERIES, 8A	Power Inductors - SMD 3.3uH Shld 20% 8A 20.81mOhms AECQ2	Coilcraft	XAL6030-332ME
113	2	for blister	Terminal Housing 16	WR-WTB 2.00 mm Female Dual Row Terminal Housing w. positive locking	WURTH ELEKTRONIK	624016213322
114	1	for blister	Terminal Housing 10	WR-WTB 2.00 mm Female Dual Row Terminal Housing w. positive locking	WURTH ELEKTRONIK	624010213322
115	1	for blister	Terminal Housing 8	WR-WTB 2.00 mm Female Dual Row Terminal Housing w. positive locking	WURTH ELEKTRONIK	624008213322
116	1	for blister	Terminal Housing 18	WR-WTB 2.00 mm Female Dual Row Terminal Housing w. positive locking	WURTH ELEKTRONIK	624018213322
117	70	for blister	Crimp Contact	WR-WTB 2.00 mm Female Dual Row Crimp Contact	WURTH ELEKTRONIK	62400113722
118	4	for blister	Spacer M3x8	WA-SPAI Plastic Spacer Stud, metric, internal/ internal	WURTH ELEKTRONIK	970080365
119	4	for blister	Screw	WA-SCRW Pan Head Screw w. cross slot M3	WURTH ELEKTRONIK	97790603211

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