

BOM

Material Code	Material Name	Specific Use Model	Material Attribute	Unit quantity	Yield Mt	Status	review	version	drawing No	Routing	Last updated by	Last Updated Date	User	Planned quantity	Planned Date	Group Name	Group Code	Material short code
4	A-B-0502-000100-000	resistor	Resistor 0.05 ohm ±5% 1/20W 0201	PCS	35	10	5		800105, 800005, 800107, 800004, R14, R21, R22, R23, R24, R31, R34, R37, R64, R75, R6094, R3113, R7201, R7203, R7206, R71, R11, C0671, R0005, R0004C, R0004S, R0004S, R0004S, R0004S, R0004, R0004, R0004, R0005, R0005, R0005, R0005	Stock Size			1000-1-1	2100-12-31	100	A-B-0502-000100-000	35	B-0502-000100-000
5	A-B-0502-000100-000	resistor	Resistor 0.05 ohm ±5% 1/20W 0201	PCS	10	10	5		810100, 810000, 14102, R3, R8, R32, R311, R312, R511, R513, R510				1000-1-1	2100-12-31	100	A-B-0502-000100-000	10	B-0502-000100-000
6	A-B-0502-000100-000	resistor	Resistor 0.05 ohm ±5% 1/20W 0201	PCS	1	1	5		81				1000-1-1	2100-12-31	100	A-B-0502-000100-000	1	B-0502-000100-000
7	A-B-0502-000100-000	resistor	Resistor 22 ohm ±5% 1/20W 0201	PCS	1	1	5		82210				1000-1-1	2100-12-31	100	A-B-0502-000100-000	1	B-0502-000100-000
8	A-B-0502-000100-000	resistor	Resistor 0.03 ohm ±1% 1/4W, TCRC ±80PPM/°C	PCS	1	1	5		82210				1000-1-1	2100-12-31	100	A-B-0502-000100-000	1	B-0502-000100-000
9	A-B-0502-000100-000	resistor	Resistor 0.30 ohm ±1% 1/4W, TCRC ±50PPM/°C	PCS	1	1	5		85109				1000-1-1	2100-12-31	100	A-B-0502-000100-000	1	B-0502-000100-000
10	A-B-0502-000100-000	resistor	Resistor 0.30 ohm ±1% 1/4W, TCRC ±80PPM/°C	PCS	0	0	5						1000-1-1	2100-12-31	100	A-B-0502-000100-000	0	B-0502-000100-000
11	A-B-0502-000100-000	resistor	Resistor 4.30 ohm ±5% 1/20W 0201	PCS	1	1	5		84101				1000-1-1	2100-12-31	100	A-B-0502-000100-000	1	B-0502-000100-000
12	A-B-0502-000100-000	resistor	Resistor 4.7K ohm ±1% 1/20W 0201	PCS	2	2	5		85104, 828				1000-1-1	2100-12-31	100	A-B-0502-000100-000	2	B-0502-000100-000
13	A-B-0502-000100-000	resistor	Resistor 50K ohm ±1% 1/20W 0201	PCS	4	4	5		85106, R7017, R0008, R0010				1000-1-1	2100-12-31	100	A-B-0502-000100-000	4	B-0502-000100-000
14	A-B-0502-000100-000	resistor	Resistor 100 ohm ±5% 1/20W 0201	PCS	5	5	5		8400, R46, R410, R0514, R0516				1000-1-1	2100-12-31	100	A-B-0502-000100-000	5	B-0502-000100-000
15	A-B-0502-000100-000	resistor	Resistor 100 ohm ±5% 1/20W 0201	PCS	1	1	5		8400				1000-1-1	2100-12-31	100	A-B-0502-000100-000	1	B-0502-000100-000
16	A-B-0502-000100-000	resistor	Resistor 1K ohm ±5% 1/20W 0201	PCS	21	21	5		R30, R311, R312, R318, R319, R510, R620, R621, R630, R6301, R6302, R6303, R6304, R6401, R6402, R39, R3006, R77, R01, R104, R103			1000-1-1	2100-12-31	100	A-B-0502-000100-000	21	B-0502-000100-000	
17	A-B-0502-000100-000	resistor	Resistor 10K ohm ±5% 1/20W 0201	PCS	8	8	5		R00, R110, R410, R640, R610, R6101, R6201, R014, R0407			1000-1-1	2100-12-31	100	A-B-0502-000100-000	8	B-0502-000100-000	
18	A-B-0502-000100-000	resistor	Resistor 100K ohm ±1% 1/20W 0201	PCS	6	6	5		R700, R313, R0071, R0069, R310, R314			1000-1-1	2100-12-31	100	A-B-0502-000100-000	6	B-0502-000100-000	
19	A-B-0502-000100-000	resistor	Resistor 1.2K ohm ±5% 1/20W 0201	PCS	1	1	5		83108				1000-1-1	2100-12-31	100	A-B-0502-000100-000	1	B-0502-000100-000
20	A-B-0502-000100-000	resistor	Resistor 1.5K ohm ±5% 1/20W 0201	PCS	1	1	5		80702				1000-1-1	2100-12-31	100	A-B-0502-000100-000	1	B-0502-000100-000
21	A-B-0502-000100-000	resistor	Resistor 180 ohm ±1% 1/20W 0201	PCS	1	1	5		80619				1000-1-1	2100-12-31	100	A-B-0502-000100-000	1	B-0502-000100-000
22	A-B-0502-000100-000	resistor	Resistor 240 ohm ±1% 1/20W 0201	PCS	3	3	5		R7301, R0007, R0009				1000-1-1	2100-12-31	100	A-B-0502-000100-000	3	B-0502-000100-000
23	A-B-0502-000100-000	resistor	Resistor 300 ohm ±5% 1/20W 0201	PCS	2	2	5		R0001, R0020				1000-1-1	2100-12-31	100	A-B-0502-000100-000	2	B-0502-000100-000
24	A-B-0502-000100-000	resistor	Resistor 38 ohm ±5% 1/20W 0201	PCS	2	2	5		R3107, R13				1000-1-1	2100-12-31	100	A-B-0502-000100-000	2	B-0502-000100-000
25	A-B-0502-000100-000	resistor	Resistor 33 ohm ±5% 1/20W 0201	PCS	2	2	5		R3104, R3110				1000-1-1	2100-12-31	100	A-B-0502-000100-000	2	B-0502-000100-000
26	A-B-0502-000100-000	resistor	Resistor 51 ohm ±5% 1/20W 0201	PCS	2	2	5		R21, R2, R3133				1000-1-1	2100-12-31	100	A-B-0502-000100-000	2	B-0502-000100-000
27	A-B-0502-000100-000	resistor	Resistor 510 ohm ±5% 1/20W 0201	PCS	4	4	5		R38, R45, R4107, R0105				1000-1-1	2100-12-31	100	A-B-0502-000100-000	4	B-0502-000100-000
28	A-B-0502-000100-000	resistor	Resistor 5.1K ohm ±5% 1/20W 0201	PCS	1	1	5		R4104				1000-1-1	2100-12-31	100	A-B-0502-000100-000	1	B-0502-000100-000
29	A-B-0502-000100-000	thermistor	NTC Resistor 47K ±	PCS	3	3	5		R0003, R0047, R7001				1000-1-1	2100-12-31	100	A-B-0502-000100-000	3	B-0502-000100-000
30	A-B-0502-000100-000	varistor	OV Varistor 5.5V 0405 SMD1005S55V000PT SamLORD	PCS	4	4	5		W10300, W1030, W1030, W1030				1000-1-1	2100-12-31	100	A-B-0502-000100-000	4	B-0502-000100-000
31	A-B-0502-000100-000	chip resistor	Metal Foil Chip Fixed Resistor 0.01 ohm ±	PCS	1	1	5		R0102				1000-1-1	2100-12-31	100	A-B-0502-000100-000	1	B-0502-000100-000
32	A-B-0502-000100-000	capacitor	Capacitor 0.01uf ±20% 25V 50V 0201	PCS	4	4	5		C2, C0208, C0000, C0001, C0015, C0017, C0019, C0020, C0025, C0029, C003			1000-1-1	2100-12-31	100	A-B-0502-000100-000	4	B-0502-000100-000	
33	A-B-0502-000100-000	capacitor	Capacitor 0.01uf ±20% 25V 50V 0201	PCS	14	14	5		C0043, C0736, C2100, C2101				1000-1-1	2100-12-31	100	A-B-0502-000100-000	14	B-0502-000100-000
34	A-B-0502-000100-000	capacitor	Capacitor 100uf ±10% 25V 35V 0201	PCS	7	7	5		C4, C83, C0001, C1123, C1128, C0101, C1015				1000-1-1	2100-12-31	100	A-B-0502-000100-000	7	B-0502-000100-000
35	A-B-0502-000100-000	capacitor	Capacitor 1uf ±10% 25V 50V 378 0201	PCS	8	8	5		C0028, C0029, C0038, C1119, C1120, C112, C13, C14				1000-1-1	2100-12-31	100	A-B-0502-000100-000	8	B-0502-000100-000
36	A-B-0502-000100-000	capacitor	Capacitor 1uf ±20% 25V 50V 358 0201	PCS	0	0	5						1000-1-1	2100-12-31	100	A-B-0502-000100-000	0	B-0502-000100-000
37	A-B-0502-000100-000	capacitor	Capacitor 10uf ±20% 25V 35V 0201	PCS	1	1	5		C0749				1000-1-1	2100-12-31	100	A-B-0502-000100-000	1	B-0502-000100-000
38	A-B-0502-000100-000	capacitor	Capacitor 10uf ±20% 16V 25V 358 0201	PCS	0	0	5						1000-1-1	2100-12-31	100	A-B-0502-000100-000	0	B-0502-000100-000
39	A-B-0502-000100-000	capacitor	Capacitor 10uf ±10% 25V 35V 0402	PCS	51	51	5		C0000, C10, C11, C15, C17, C21, C37, C39, C79, C81, C0003, C0702, C10			1000-1-1	2100-12-31	100	A-B-0502-000100-000	51	B-0502-000100-000	
40	A-B-0502-000100-000	capacitor	Capacitor 10uf ±10% 25V 35V 0402	PCS	1	1	5		C0058				1000-1-1	2100-12-31	100	A-B-0502-000100-000	1	B-0502-000100-000
41	A-B-0502-000100-000	capacitor	Capacitor 1uf ±10% 25V 35V 0402	PCS	3	3	5		C104, C0103, C0110				1000-1-1	2100-12-31	100	A-B-0502-000100-000	3	B-0502-000100-000
42	A-B-0502-000100-000	capacitor	Capacitor 1uf ±20% 25V 35V 0201	PCS	44	44	5		C55, C19, C38, C0005, C0616, C0640, C3116, C1122, C1103, C1014, C111			1000-1-1	2100-12-31	100	A-B-0502-000100-000	44	B-0502-000100-000	
43	A-B-0502-000100-000	capacitor	Capacitor 10uf ±20% 25V 35V 0402	PCS	17	17	5		C1405, C1412, C1418, C1408, C1414, C1415, C1420, C1419, C1408, C1409, C1			1000-1-1	2100-12-31	100	A-B-0502-000100-000	17	B-0502-000100-000	
44	A-B-0502-000100-000	capacitor	Capacitor 10uf ±20% 25V 35V 0.8+0.1mm 0603	PCS	1	1	5		C1106				1000-1-1	2100-12-31	100	A-B-0502-000100-000	1	B-0502-000100-000
45	A-B-0502-000100-000	capacitor	Capacitor 10uf ±20% 25V 35V 0201	PCS	2	2	5		R00503, R5105				1000-1-1	2100-12-31	100	A-B-0502-000100-000	2	B-0502-000100-000
46	A-B-0502-000100-000	capacitor	Capacitor 12uf ±5% 25V 50V 0201	PCS	1	1	5		C0736				1000-1-1	2100-12-31	100	A-B-0502-000100-000	1	B-0502-000100-000
47	A-B-0502-000100-000	capacitor	Capacitor 1.2uf ±20% 25V 50V 0201	PCS	2	2	5		R00713, R00103				1000-1-1	2100-12-31	100	A-B-0502-000100-000	2	B-0502-000100-000
48	A-B-0502-000100-000	capacitor	Capacitor 15uf ±20% 16V 35V 0201	PCS	2	2	5		C51, C08				1000-1-1	2100-12-31	100	A-B-0502-000100-000	2	B-0502-000100-000
49	A-B-0502-000100-000	capacitor	Capacitor 1.5uf ±20% 25V 50V 0201	PCS	5	5	5		C2009, C2008, C0009, W00501				1000-1-1	2100-12-31	100	A-B-0502-000100-000	5	B-0502-000100-000
50	A-B-0502-000100-000	capacitor	Capacitor 1.8uf ±5% 25V 50V 0201	PCS	1	1	5		R02801				1000-1-1	2100-12-31	100	A-B-0502-000100-000	1	B-0502-000100-000
51	A-B-0502-000100-000	capacitor	Capacitor 2uf ±20% 25V 50V 0201	PCS	1	1	5		R42801				1000-1-1	2100-12-31	100	A-B-0502-000100-000	1	B-0502-000100-000
52	A-B-0502-000100-000	capacitor	Capacitor 2.2uf ±5% 25V 50V 0201	PCS	8	8	5		C0735, R00117, C0009, C0610, C0611, C0612, C0613, C0614				1000-1-1	2100-12-31	100	A-B-0502-000100-000	8	B-0502-000100-000
53	A-B-0502-000100-000	capacitor	Capacitor 2.2uf ±5% 25V 50V 0201	PCS	1	1	5		C1104				1000-1-1	2100-12-31	100	A-B-0502-000100-000	1	B-0502-000

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157	4-B-2101-10910-000	Filter high-precision connector	10PIN, 0.4PITCH, 0.7mm, 4, 6x2, 5x0.7mm, OK-10P010-01	PCS	2	2	3	18, 15202					1900-1-1	2100-12-31	100	4-B-2101-10910-000	2	B-2101-10910-000
158	4-B-2101-10924-000	Filter high-precision connector	24PIN, 0.4PITCH, 0.7mm, 7, 4x2, 5x0.7mm, OK-10P024-01	PCS	3	3	3	13, 17, 15103					1900-1-1	2100-12-31	100	4-B-2101-10924-000	3	B-2101-10924-000
159	4-B-2101-10930-000	Filter high-precision connector	30PIN, 0.4PITCH, 0.7mm, 8, 4x2, 5x0.7mm, OK-10P030-01	PCS	1	1	3	12					1900-1-1	2100-12-31	100	4-B-2101-10930-000	1	B-2101-10930-000
160	4-B-2101-23034-000	Filter high-precision connector	34PIN, 0.4PITCH, 0.8mm, 9, 3x2, 5x0.7mm, OK-23P034-01	PCS	1	1	3	14					1900-1-1	2100-12-31	100	4-B-2101-23034-000	1	B-2101-23034-000
161	4-B-2101-92407-000	Connector	40PIN, 0.35PITCH, 0.7mm, 9, 5x1, 9x0.7mm, BAF92-40073-060702	PCS	1	1	3	111					1900-1-1	2100-12-31	100	4-B-2101-92407-000	1	B-2101-92407-000
162	4-B-2106-81805-000	Connector	2, 0x2, 0x0, 0mm, FCR1800050-ECT	PCS	1	1	5	10701					1900-1-1	2100-12-31	100	4-B-2106-81805-000	1	B-2106-81805-000
163	4-B-2106-81898-000	Connector	1, 35, 0, 1x0, 0x0, 5mm, 818011998-ECT	PCS	2	2	5	10709, 10801					1900-1-1	2100-12-31	100	4-B-2106-81898-000	2	B-2106-81898-000
164	4-B-2107-81898-000	Connector	42Pin, 1, 3PITCH, 0.5mm, 6, 0x2, 8x0, 5mm, 818003968-ECT	PCS	1	1	3	BAT1					1900-1-1	2100-12-31	100	4-B-2107-81898-000	1	B-2107-81898-000
165	4-B-2109-501063-000	High precision connector	0, 3mm, 5x1, 8x1, 0mm, OK-F501-08325	PCS	1	1	5	16					1900-1-1	2100-12-31	100	4-B-2109-501063-000	1	B-2109-501063-000
166	4-B-2116-303038-002	Connector	22PIN, 27, 7x17, 2x1, 35mm, KCF-A130020038-0100	PCS	1	1	3	15					1900-1-1	2100-12-31	100	4-B-2116-303038-002	1	B-2116-303038-002
167	4-B-2200-000281-030	crystal oscillator	(1)Crystal, With thermistor, 20MHz, ±10ppm, CL=0, RT=100K, OHM(B-constant=4250K), 2520, 2, 5x2, 0x1, 0mm, X1E000291002400, EP S00	PCS	1	1	3	30000					1900-1-1	2100-12-31	100	4-B-2200-000281-030	1	B-2200-000281-030
168	4-B-2200-000281-030	Crystal oscillator	(1)Crystal, With NTC thermistor, 20MHz, ±10ppm, CL=9pF, RT=100K, OHM(B-constant=4250K), 2520, 2, 5x2, 0x1, 0mm, SX751020000091102-330	PCS	0	0	3						1900-1-1	2100-12-31	100	4-B-2200-000281-030	1	B-2200-000000-053
169	4-B-2302-PS3010-156	Circuit board	PCB+H, PS301-M0-15, 6	PCS	1	1	0	678					1900-1-1	2100-12-31	100	4-B-2302-PS3010-156	1	B-2302-PS3010-156
170	4-B-5303-PS1800-015	Shield cover	(1)Shielding Case(OP), 28, 2x12x1, 5mm,	PCS	1	1	5						1900-1-1	2100-12-31	100	4-B-5303-PS1800-015	1	B-5303-PS1800-015
171	4-B-5303-PS3010-000	Shield cover	23, 55x27, 75x1, 5mm, PS301,	PCS	1	1	3						1900-1-1	2100-12-31	100	4-B-5303-PS3010-000	1	B-5303-PS3010-000
172	4-B-5303-PS3010-001	Shield cover	22, 2x15, 9x1, 5mm, V2, PS301,	PCS	1	1	3						1900-1-1	2100-12-31	100	4-B-5303-PS3010-001	1	B-5303-PS3010-001
173	4-B-5303-PS3010-002	Shield cover	1, 14, 25x11, 65x1, 5mm, V2, PS301,	PCS	1	1	3						1900-1-1	2100-12-31	100	4-B-5303-PS3010-002	1	B-5303-PS3010-002
174	4-B-5303-PS3010-004	Shield cover	17, 55x17, 05x1, 5, mm, PS301,	PCS	1	1	3						1900-1-1	2100-12-31	100	4-B-5303-PS3010-004	1	B-5303-PS3010-004
175	4-B-5303-PS3010-006	Shield cover	0, 7mm, 29, 15x29, 7x1, 55mm, (4-B-5303-PS3010-005), PS301	PCS	1	1	3						1900-1-1	2100-12-31	100	4-B-5303-PS3010-006	1	B-5303-PS3010-006
176	4-B-5405-01F140-000	Connector	2, 0, 3, 5x1, 0x2, 5mm, F01-AB001E140,	PCS	3	5	5	ANT0801, ANT0800, ANT1, ANT7201, ANT7202					1900-1-1	2100-12-31	100	4-B-5405-01F140-000	3	B-5405-01F140-000
177	4-B-5405-A13000-000	Connector	0, 65/1, 25, 2, 9x1, 0x1, 25mm, KSN-A130001018-0100	PCS	6	6	5	SP1, SP2, SP3, SP4, SP5, SP6					1900-1-1	2100-12-31	100	4-B-5405-A13000-000	6	B-5405-A13000-000
178	4-B-5405-120101-000	Connector	0, 65/1, 25, 2, 9x1, 0x1, 25mm, AT-1201-001,	PCS	0	0	5						1900-1-1	2100-12-31	100	4-B-5405-A13000-000	6	B-5405-120101-000
179	4-B-5405-C11301-000	Connector	1, 5x1, 1mm, 1, 5x1, 1x1, 34mm, SC-1301-001,	PCS	1	1	5	19					1900-1-1	2100-12-31	100	4-B-5405-C11301-000	1	B-5405-C11301-000
180	4-B-5405-1S1T18-000	Connector	1, 4, 3, 4x0, 9x1, 5mm, F-1S-1T-18	PCS	2	2	5	SP1410, SP1402					1900-1-1	2100-12-31	100	4-B-5405-1S1T18-000	2	B-5405-1S1T18-000