

XR-AVB-LC-BRD-2V0-BOM

ITEM	QTY	REFERENCE	ATTERO P/N	MANUFACTURER	DESCRIPTION	MANUFACTURER P/N	NOTES
1	13	C21 C22 C23 C24 C75 C76 C77 C78 C79 C80 C81 C82 C85	001-00007-01	MURATA	CAP, 1000PF, 50V, 10%, X7R, 0603	GRM188R71H102KA01D	1
2	2	C10 C11	001-00045-01	MURATA	CAP, 180PF, 50V, 5%, C0G, 0603	GRM1885C1H181JA01D	1
3	3	C17 C18 C19	001-00111-01	PANASONIC	CAP, 3.3UF, 35V, 20%, ELYT, VS, SMT A	EEE-1VS3R3SR	1
4	20	C1 C5 C6 C7 C12 C14 C25 C31 C33 C34 C52 C58 C59 C70 C71 C72 C73 C74 C83 C84	001-00157-01	MURATA	CAP, 0.1UF, 25V, 10%, X7R, 0603	GRM188R71E104KA01D	1
5	11	C2 C3 C4 C8 C9 C13 C26 C37 C54 C57 C86	001-00230-01	MURATA	CAP, 1.0UF, 16V, 10%, X5R, 0603	GRM188R61C105KA93D	1
6	1	C55	001-00250-01	AVX	CAP, 1000PF, 2KV, 10%, X7R, 1206	1206GC102KAT1A	1
7	11	C20 C60 C61 C62 C63 C64 C65 C66 C67 C68 C69	001-00273-01	MURATA	CAP, 10UF, 6.3V, 20%, X5R, 0603	GRM188R60J106ME47D	1
8	8	C40 C41 C42 C43 C44 C45 C46 C47	001-00302-01	MURATA	CAP, 0.1UF, 10V, 10%, X5R, 0402	GRM155R61A104KA01D	1
9	2	C27 C35	001-00310-01	PANASONIC	CAP, 47UF, 6.3V, 20%, ELYT, VS, SMT C	EEE-0JA470SR	1
10	4	C30 C36 C38 C39	001-00363-01	MURATA	CAP, 4.7UF, 6.3V, 10%, X5R, 0603	GRM188R60J475KE19D	1
11	3	C15 C16 C29	001-00385-01	MURATA	CAP, 2700PF, 50V, 5%, C0G, 0603	GRM1885C1H272JA01D	1
12	4	C48 C49 C50 C51	001-00426-01	MURATA	CAP, 0.1UF, 100V, 10%, X7R, 0603	GRM188R72A104KA35D	1
13	3	R8 R17 R53	020-00004-01	PANASONIC	RES, 0.0 OHM, 1/10W, 5%, 0603	ERJ-3GEY0R00V	1
14	21	R6 R9 R27 R32 R33 R34 R37 R38 R39 R42 R49 R75 R77 R79 R80 R84 R85 R92 R93 R94 R99	020-00021-01	PANASONIC	RES, 10.0K, 1/10W, 1%, 0603	ERJ-3EKF1002V	1
15	3	R25 R26 R51	020-00062-01	PANASONIC	RES, 1.00K, 1/10W, 1%, 0603	ERJ-3EKF1001V	1
16	2	R73 R74	020-00118-01	PANASONIC	RES, 2.00K, 1/10W, 1%, 0603	ERJ-3EKF2001V	1
17	2	R29 R31	020-00168-01	PANASONIC	RES, 3.32K, 1/10W, 1%, 0603	ERJ-3EKF3321V	1
18	2	R28 R30	020-00235-01	PANASONIC	RES, 6.81K, 1/10W, 1%, 0603	ERJ-3EKF6811V	1
19	10	R1 R2 R3 R4 R5 R7 R10 R35 R36 R71	020-00284-01	PANASONIC	RES, 470 OHM, 1/10W, 1%, 0603	ERJ-3EKF4700V	1
20	27	R11 R12 R13 R14 R15 R16 R20 R21 R22 R23 R24 R54 R55 R58 R59 R61 R62 R63 R64 R65 R68 R69 R70 R81 R82 R100 R101	020-00295-01	PANASONIC	RES, 49.9 OHM, 1/10W, 1%, 0603	ERJ-3EKF49R9V	1
21	4	R56 R57 R66 R67	020-00296-01	PANASONIC	RES, 75.0 OHM, 1/10W, 1%, 0603	ERJ-3EKF75R0V	1
22	1	R98	020-00345-01	PANASONIC	RES, 10.0 OHM, 1/10W, 1%, 0603	ERJ-3EKF10R0V	1
23	2	R18 R78	020-00395-01	PANASONIC	RES, 2.49K, 1/10W, 1%, 0603	ERJ-3EKF2491V	1
24	1	R19	020-00421-01	PANASONIC	RES, 12.1K, 1/10W, 1%, 0603	ERJ-3EKF1212V	1
25	1	R44	020-00544-01	PANASONIC	RES, 2.2 OHM, 1/10W, 1%, 0603	ERJ-3RQF2R2V	1
26	1	R76	020-00618-01	PANASONIC	RES, 30.9K, 1/10W, 1%, 0603	ERJ-3EKF3092V	1
27	2	L1 L2	040-00140-01	PANASONIC	IND, PWR, 3.3UH, 1.7A, 30%, SMD	ELL-6PG3R3N	1
28	1	T1	050-00013-01	PULSE ENG	XFMR, ETHERNET, 10/100BASE-T, SINGLE, POE, SMT	H2019NL	1
29	2	U15 U16	060-00347-01	FAIRCHILD SEMI	IC LNR, REG, SW, 1.5A, MLP-6	FAN2012MPX	1
30	1	U17	060-00348-01	FAIRCHILD	IC LNR, REG, 100MA, 3.3V, SOT23-5	FAN2500S33X	1
31	1	U14	061-00498-01	TEXAS INST	IC DIG, BUFFER, OPEN DRAIN, DUAL, SOT23-6	SN74LVC2G07DBVR	1
32	1	U6	061-00500-01	CIRRUS LOGIC	IC DIG, FRACTIONAL-N CLOCK MULTIPLIER, MSOP-10	CS2300-CP-CZZ	1
33	1	U13	061-00501-01	TEXAS INST	IC DIG, SUPERVISOR, ACTIVE LOW, 0.9V, SOT23-6	TPS3808G09DBVR	1
34	1	U12	061-00502-01	TEXAS INST	IC DIG, SUPERVISOR, ACTIVE LOW, 3.0V, SOT23-6	TPS3808G30DBVR	1
35	2	U10 U11	061-00505-01	TEXAS INST	IC DIG, BUFFER, DUAL, SCHMITT, SOT23-6	SN74LVC2G17DBVR	1
36	1	U3	061-00507-01	SMSC	IC DIG, PHY, FAST ETHERNET, QFN-32	LAN8710A-EZK	1
37	1	U1	061-00509-01	XMOS	IC DIG, MPU, 32-BIT, DUAL CORE, 500MHZ, QFN-124	XS1-L02A-Q124-C5	1
38	1	U2	061-00510-01	WINBOND	IC DIG, FLASH, SPI, 4MBIT, 104MHZ, SOIC-8	W25X40BVSSIG	1
39	1	U5	062-00008-01	CIRRUS LOGIC	IC MXS, DAC, STEREO, 24BIT, 192KHZ, TSSOP-10	CS4344-CZZ	1
40	1	U4	062-00058-01	CIRRUS LOGIC	IC MXS, ADC, STEREO, 24BIT, 96KHZ, TSSOP-10	CS5343-CZZ	1
41	4	D2 D3 D4 D5	070-00077-01	FAIRCHILD SEMI	DIODE, SKY, 200MA, 30V, DUAL, SERIES, SOT-23	BAT54S	1
42	1	D1	070-00176-01	DIODES INC	DIODE, SKY, 1A, 30V, POWERDI-123	DFLS130L-7	1
43	1	D6	070-00177-01	LITTELFUSE	DIODE, ZENER, 5V, 600W, SMB	SMBJ5.0A	1
44	1	Q2	071-00075-01	FAIRCHILD SEMI	TRAN, PNP, 40V, 200MA, SOT23-3	MMBT3906	1
45	1	Q1	071-00078-01	ROHM	TRAN, NPN, 20V, 500MA, DUAL, SC74-6	IMX9T110	1
46	1	U7	102-00018-01	FOX ELECTRONICS	OSC, 25MHZ, 50PPM, 3.3V, SMT	FXO-HC735-25MHZ	1
47	1	J1	110-00065-01	CUI INC	CON, PWR JACK, 2.1MM, RA, THRU	PJ-202A	1
48	2	J2 J4	110-00294-01	CUI INC	CON, RCA, 2X1, RED/WHITE, RA, THRU	RCJ-2223	1
49	2	J3 J5	110-00295-01	CUI INC	CON, TRS JACK, 3.5MM, RA, THRU	SJ1-3523N	1
50	1	J6	110-00297-01	TYCO	CON, RECEPT, 8P8C, CAT5, TAB DOWN, RA, THRU	5558342-1	1
51	1	J12	115-00005-01	SAMTEC	HEADER, 1X2, 0.1", THRU	TSW-102-07-G-S	1
52	1	J11	115-00052-01	SAMTEC	HEADER, 2X3, 0.1", THRU	TSW-103-07-G-D	1
53	1	J7	115-00110-01	SAMTEC	HEADER, 2X14, 0.1", THRU	TSW-114-07-G-D	1
54	1	J8	115-00113-01	SULLINS	CONN, HEADER, SHROUDED, 2.54MM, 2x10POS, R/A	SBH11-PBPC-D10-RA-BK	1
55	4	S1 S2 S3 S4	120-00011-02	PANASONIC	SWITCH, SPST, NO, VERT, SMT	EVQ-PE104K	1
56	13	FB1 FB2 FB3 FB4 FB5 FB6 FB7 FB8 FB9 FB10 FB11 FB12 FB13	145-00013-01	MURATA	FERRITE BEAD, 220 OHM, 500MA, 0603	BLM18AG221SN1	1
57	9	LED1 LED2 LED3 LED4 LED5 LED6 LED7 LED10 LED11	165-00003-01	PANASONIC	LED, GREEN, 2.1V, SMT	LN1351CTR	1
58	1	F1	180-00015-01	TYCO	FUSE, POLYSWITCH, RESTABLE, 0.75A, 13.2V, 1812	MINISMD075F-2	1
59	1		240-00139-01	ATTERO TECH	PCB, AVB DEMO BOARD	240-00139-01-B	
60	REF		600-00139-01	ATTERO TECH	SCHEMATIC, AVB DEMO BOARD	600-00139-01-B	

## NOT INSTALLED COMPONENTS

1	1	TL5	116-00010-01				2
2	1	TL4	116-00017-01				2
3	1	TL2	116-00012-01				2
4	1	TL1	116-00009-01				2
5	1	TL6	116-00011-01				2
6	1	TL3	116-00013-01				2

NOTE#1: Equivalent device substitutions can be made for these items at the discretion of the manufacturer. It is the responsibility of the manufacturer to verify device equivalency. Any nonequivalent device substitution will require written authorization. Unique parts will not have subs.

NOTE#2: These items are not to be installed or included in purchase quantities.