

BOM EvalBoard V2.1b



item	qty	part number	function	manufacturer	references
1	1	BAT-AUK-BH20D76	Battery Holder for CR2032	AUK	BAT1
2	4	VSCR-KanYang-M3-4N	Bold and Screw, M3x4mm		MECH2-MECH5
3	70	C-X7R-100n-16V-10%-0603	C		C5-C15,C22-C36,C44,C53-C60,C64-C65,C68-C69,C78,C81,C84,C87,C91-C93,C96-C97,C99,C103,C106,C109-C110,C112-C123,C138-C139,C153-C154,C156
4	6	C-X7R-1n-50V-10%-0603	C		C17-C20,C147-C148
5	2	C-NP0-27p-50V-5%-0603	C		C100-C101
6	3	C-X7R-10n-50V-10%-0603	C		C46,C70,C85
7	10	C-NP0-15p-50V-5%-0603	C		C21,C52,C128-C130,C133-C134,C149-C151
8	4	C-X7R-330n-16V-10%-0805	C		C80,C88-C90
9	2	C-X5R-2.2u-6.3V-10%-0603	C		C66-C67
10	4	C-NP0-82p-50V-5%-0603	C		C143-C146
11	1	C-X7R-47n-50V-10%-0603	C		C2
12	1	CX7R-220n-50V-10%-1210	C		C1
13	6	C-X7R-10n-25V-10%-0603	C		C43,C45,C77,C111,C152,C155
14	3	C-X7R-100n-50V-10%-0603	C		C39,C49,C62
15	1	C-X7R-1.5n-50V-10%-0603	C		C48
16	1	C-X7R-15n-50V-10%-0603	C		C42
17	1	C-X7R-2.2n-50V-10%-0603	C		C41
18	1	C-Y5V-4.7u-10V-20%-0805	C		C63
19	4	C-X7R-10u-50V-20%-2220	C		C37-C38,C50-C51
20	1	C-X7R-2.2u-50V-10%-1206	C		C61
21	2	C-X7R-330p-50V-10%-0603	C		C40,C47
22	1	IC-PHIL-SJA1000T-SOIC28	CAN Controller	Philips	IC10
23	1	IC-PHIL-TJA1040T	CAN Transceiver	Philips	IC8
24	7	Cpol-Ta-4.7u-10V-10%-3216	Capacitor Tantalum		C3,C16,C79,C86,C95,C137,C140
25	10	Cpol-Ta-22u-10V-10%-3528	Capacitor Tantalum		C82-C83,C94,C98,C104-C105,C107-C108,C141-C142
26	1	Cpol-Ta-10u-10V-10%-3216	Capacitor Tantalum		C102

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27	5	Cpol-Ta-47u-6.3V-10%-3528	Capacitor Tantalum		C124-C125,C127,C131,C135
28	1	Cpol-Ta-1.0u-10V-10%-3216	Capacitor Tantalum		C4
29	4	Cpol-Ta-150u-6.3V-20%-45mohm-7343	Capacitor Tantalum Low-ESR		C71-C72,C74-C75
30	1	CON-AMP-1473005-1	Colibri SODIMM 200	tyco	M2
31	1	CON-AUK-CFC50PW201	Compact-Flash socket	AUK	X6
32	2	Lcore-Sum-CDRH127/LD-5R8NC-12x12	Core Inductor 5.8uH 8.6A	Sumida	L1-L2
33	1	CON-AUK-UC3X32SD	DIN41612 96 Pin Female	AUK	X3
34	1	CON-AUK-HDR15SN	DSUB HD-15 female 90deg	AUK	X24
35	1	CON-AUK-DR09P	DSUB-09 male 90deg screw	AUK	X2
36	1	IC-ADuM1301ARW	Digital Isolator	AnalogDevices	IC7
37	1	CON-AUK-FPB04DZAR	FFC-04 / vertical / 1.25mm	AUK	X5
38		CON-MLX-52745-0896	FFC-08 / 90deg / 0.50mm / Top Contacts	Molex	X19
39	1	CON-AUK-FPA30DZAL	FFC-30 / vertical / 1.00mm	AUK	X18
40	19	Lemv-220R-2A-25%-0603	Ferrit Bead 220R@100MHz		L3-L21
41	1	IC TI-SN74LVC04ADBR	Hex Inverter	Texas Instruments	IC13
42	1	MOD-Vishay-TFDU4100TR3	IRDA-Tranceiver 115.2kbit	Vishay	M1
43	9	JP-1x3-M-2.54mm	Jumper 1x3-M-2.54mm		JP1-JP9
44	1	IC-ON-NCP511SN33T1G-SOT23.5	LDO 3.3V / 0.15A	ON Semi	IC15
45	1	OSC-MC-CC4V-T1A-32.768kHz/9.0pF/30ppm-5	Quarz 32.768kHz	MicroCrystal	OSC2
46	4	FET-IRF7805Z-SO8	N-channel 30V / 12A / 7mohm	IRF	FET1-FET4
47	1	IC-TI-SN74LVC1G02DBV-SOT23	NOR Gate	Texas Instruments	IC17
48	1	FET-IRLML6401TRPBF	P-channel -12V / 3.4A / 50mohm	IRF	T6
49	1	IC-TI-TPS2042AD-SOIC8	Power Switch	Texas Instruments	IC23
50	4	SW-WMF TD-03XG-6x6mm	Pushbutton 50mA/12V 6x6mm	WMF	S1,S11-S13
51	1	OSC-Chequers-C75S-24.000MHz-7x5mm	Quartz 24.000MHz 50ppm, 12pF	Chequers	OSC1
52	1	MOD-BOTHHAND-LU1T041-43	RJ45 with 10/100 magnetics and LEDs	Bothhand	M3
53	2	IC-TI-SN75C3243PWR-TSSOP28	RS232 Tranceiver	Texas Instruments	IC21-IC22
54	1	IC-ST-M41TOM	RTC	ST Microelectronics	IC19
55	38	RA-22-63mW-5%-08P4	ResistorArray 08P4 22R		RA1-RA38
56	2	R-OR015-500mW-5%-2010	Resistor_2010 15mOhm		R53-R54
57	1	CON-CENLINK-M90-03011-09Y0	SD/MMC	Cenlink	X15

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58	5	D-BAT54-SOT23	Schottky 30V / 0.20A	Philips	D1-D2,D6-D8
59	1	D-IRF MBRB735-D2PAK	Schottky 35V / 7.5A	IRF	D3
60	2	D-BAT750-SOT23	Schottky 40V / 0.75A	Diodes	D4-D5
61	109	VJMP-S1002-OPS60-01G	Shunt Jumper		MECH6-MECH99,XREF11,MECH100-MECH113
63	8	SW-WMF-SS-12D01-8.5x3.5mm	Switch 1P2T 0.3A 50V	WMF	S3-S10
65	3	DA-SN65240PWR-TSSOP8	Transient Suppressor	Texas Instruments	D9-D11
66	2	IC-TI-SN74LVC10ADB-SSOP14	Triple NAND GATE	Texas Instruments	IC2,IC14
67	1	CON-AUK-USB2X02SR	USB-B (Device)	AUK	X29
68	1	IC-AD-ADV7125KST50	Video DAC	AnalogDevices	IC20
69	1	IC-TPS51020DBT-TSSOP30	Dual sync buck controller	Texas Instruments	IC9
70	11	LED-Osram-LG T670-K1L2-1-3730	LED green	Osram	LED1-LED11
71	11	FET-2N7002-SOT23	n-channel 60V/0.11A/1.7ohm	Philips	T1-T5,T7-T12
72	1	CON-AUK-FHO5D	1x05 Pins 1.25mm framed	AUK	X23
73	4	Con-JVE-P8561-50S10-01G_not available	1x50 Pins, 2.54mm female	JVE	X7,X9-X10,X12
74	1	VCON-AUK-TB5102SW	2 Pin Terminal Block 5.08mm Female	AUK	MECH1
75	1	CON-AUK-TB5102PRB	2 Pin Terminal Block 5.08mm male	AUK	X1
76	1	CON-AUK-DRB0909M15NJ-H	2x DSUB-9 male 90deg screw	AUK	X25
77	1	CON-AUK-MDJ06FB-99	2x PS/2	AUK	X27
78	1	CON-AUK-USB1X04SRB-BK	2xUSB-A (Host)	AUK	X28
79	2	Con-JVE-P8562-06S10-01G	2x03 Pins, 2.54mm, female	JVE	X4,X17
80	1	Con-JVE-21B22564-06S10B-01G	2x03 Pins, 2.54mm Plastic, male	JVE	X16
81	1	Con-JVE-21B22564-16S10B-01G	2x08 Pins, 2.54mm Plastic, male	JVE	X14
82	1	Con-JVE-P8562-20S10-01G	2x10 Pins, 2.54mm, female	JVE	X21
83	2	Con-JVE-21B22564-20S10B-01G	2x10 Pins, 2.54mm Plastic, male	JVE	X13,X22
84	1	Con-JVE-21B22564-40S10B-01G	2x20 Pins, 2.54mm Plastic, male	JVE	X20
85	2	Con-JVE-21B22564-100S10B-01G_not available	2x50 Pins, 2.54mm Plastic, male	JVE	X8,X11
86	1	CON-AUK-PJ3X01RF04B	3x Audiojack stereo, 3.5mm	AUK	X26
88	1	IC-C&D-NTE0505MC	5V to 5V regulated	C&D Technologies	IC1
89	1	VCBL-AUK-CH-002-5001-CN	8 Pin FCC cable 0.5mm pitch / 100mm	AUK	MECH114
90	4	IC SN74LVC16244ADL	16Bit Buffer	Texas Instruments	IC3-IC4,IC16,IC18

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91	4	IC SN74LVCR162245ADL	16Bit Transceiver	Texas Instruments	IC5-IC6,IC11-IC12
92	11	R-0R-63mW-5%-0603	0R		R44-R46,R55-R56,R83-R84,R99-R100,R112,R146
93	2	R-1.5R-63mW-5%-0603	1.5R		R40,R43
94	1	R-3.9R-63mW-5%-0603	3.9R		R25
95	3	R-10R-63mW-5%-0603	10R		R47,R81,R141
96	1	R-15R-63mW-5%-0603	15R		R5
97	7	R-22R-63mW-5%-0603	22R		R60,R133,R135,R137,R139,R150-R151
98	1	R-47R-63mW-5%-0603	47R		R6
99	4	R-50R-63mW-1%-0603	50R		R115-R118
100	1	R-56R-63mW-5%-0603	56R		R154
101	3	R-75R-63mW-1%-0603	75R		R147-R149
102	3	R-100R-63mW-5%-0603	100R		R3,R121,R155
103	9	R-120R-63mW-5%-0603	120R		R1,R82,R90,R92,R94,R104-R107
104	2	R-150R-63mW-5%-0603	150R		R114,R119
105	1	R-180R-63mW-1%-0603	180R		R21
106	2	R-220R-63mW-5%-0603	220R		R152-R153
107	1	R-220R-63mW-1%-0603	220R		R31
108	1	R-270R-63mW-5%-0603	270R		R145
109	3	R-330R-63mW-5%-0603	330R		R4,R24,R30
110	2	R-470R-63mW-5%-0603	470R		R7,R110
111	1	R-560R-63mW-5%-0603	560R		R111
112	1	R-1.5k-63mW-5%-0603	1.5k		R29
113	1	R-1.8k-63mW-5%-0603	1.8k		R27
114	1	R-1.8k-63mW-1%-0603	1.8k		R32
115	2	R-2.2k-63mW-5%-0603	2.2k		R120,R122
116	2	R-3.3k-63mW-5%-0603	3.3k		R36,R63
117	1	R-3.3k-63mW-1%-0603	3.3k		R22
118	12	R-4.7k-63mW-5%-0603	4.7k		R14-R15,R96-R97,R123-R130
119	2	R-6.8k-63mW-5%-0603	6.8k		R41-R42
120	7	R-10k-63mW-5%-0603	10k		R62,R66,R75-R77,R108-R109

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121	2	R-10k-63mW-1%-0603	10k		R23,R33
122	4	R-15k-63mW-5%-0603	15k		R134,R136,R138,R140
123	1	R-33k-63mW-5%-0603	33k		R78
124	4	R-68k-63mW-5%-0603	68k		R64-R65,R79-R80
125	51	R-100k-63mW-5%-0603	100k		R8-R10,R12-R13,R16-R20,R26,R28,R34-R35,R37-R39,R48-R52,R57-R59,R61,R67-R73,R85-R89,R91,R93,R95,R98,R101-R103,R113,R131-R132,R142-R144
126	2	R-1M-63mW-5%-0603	1M		R2,R11