

TITLE: Bill of Materials
 BOM NO: 05-067069-01-e.csv
 DATE: 03/13/2024
 DESIGN: 02_067069e_top
 TEMPLATE: Z:\allegro\v174_site\cdssetup\template.bom
 CALLOUT: C:\tmp\02_067069e\worklib\02_067069e_top\lombom\02_067069a.callouts

ITEM#	Qty	WW_PN	DESCRIPTION	VALUE	JEDEC_TYPE	TOL	VOLTAGE	WATTAGE	LOCATION	MFG	MFG_PN	HLM_STATUS	STOCKROOM_WL	STOCKROOM_GT	STOCKROOM_LK	STOCKROOM_GBO	STOCKROOM_NSH	CUSTOM_PART	DNI
1	1	08-067069e	PCB	?	?	?	?	?	?	Analog Devices Supplied	08-067069e	?	?	?	?	?	?	?	?
12	12	E005347	CONN-PCB TST PNT BLK	BLK	CMKEY5001TP	N/A	N/A	N/A	-AV3_REG,7V_REG,AVDD,AVSS,IOVDD,LT6655_OUT,MC1K,REFIN1+,REFIN1-,REFOUT,VOCM34,VOCM78	KEYSTONE ELECTRONICS	5001	REL	ADD_TO_STOCK1	420091H001	N/A	N/A	N/A	6001621	?
3	1	E031415	CONN-PCB THERMOCOUPLE MINIATURE SIZE, CALIBRATION TYPE U, WITH TRANSISTOR RETAINER CLIP, LX M025043	PCC-SMP-U-S0-R-ROHS	PNOMEGAPCC-SMP-R	N/A	N/A	N/A	A1	OMEGA ENGINEERING INC.	PCC-SMP-U-S0-R-ROHS	REL	N/A	N/A	N/A	N/A	N/A	N/A	7001510
15	15	E026964	CAP CER 0.1uF 25V 10% X7R 0402	0.1uF	C0402	10	25V	N/A	C4,C7,C8,C10,C22,C24,C33,C37,C77,C79,C81,C83,C85,C88,C89	AVX CORPORATION	04023C10KAT2A	REL	N/A	N/A	N/A	N/A	N/A	N/A	7001510
14	14	E025702	CAP CER 1uF 16V 10% X7R 0603 AEC-Q200	1uF	C0603	10	16V	N/A	C5,C9,C12,C13,C23,C25,C73,C78,C80,C82,C84,C86,C87,C90	MURATA	GC1M887J3C105KA64D	REL	N/A	N/A	N/A	N/A	N/A	N/A	?
4	4	E017585	CAP CER 1uF 10V 10% X7S 0402	1uF	C0402	10	10V	N/A	C15,C20,C26,C30	TDK	C1005X7S1A1050S08C	REL	N/A	N/A	N/A	N/A	N/A	N/A	7002696
8	1	E021512	CAP CER 22uF 6.3V 20% XSR 0603 LOW ESR	22uF	C0603	20	6.3V	N/A	C16	TDK	C1608XSR022M080BAC	REL	N/A	N/A	N/A	N/A	N/A	N/A	?
9	1	E018091	NRND - CAP CER 2.2uF 6.3V 10% XSR 0402 LOW ESR	2.2uF	C0402	10	6.3V	N/A	C17	TDK	C1005XSR022M0508BC	RWC	N/A	N/A	N/A	N/A	N/A	N/A	7002804
10	2	E042982	CAP CER 22NF 25V 5% X7R 0603	22NF	C0603	5	25V	N/A	C18,C19	AVX CORPORATION	0603C22JAT2A	REL	N/A	N/A	N/A	N/A	N/A	N/A	?
11	2	E026830	CAP CER 8pF 16V 0.1% KFR 0402	8pF	C0402	0.5pF	16V	N/A	C2,C3	AVX CORPORATION	0402Y88R0D4T2A	REL	N/A	N/A	N/A	N/A	N/A	N/A	7008704
12	4	E032074	CAP CER 10uF 6.3V 20% X65 0402	10uF	C0402	20	6.3V	N/A	C21,C28,C38,C39	MURATA	GRM155C80106ME11D	REL	N/A	N/A	N/A	N/A	N/A	N/A	?
13	3	E007203	CAP CER 0.01uF 25V 10% X8R 0402	0.01uF	C0402	10	25V	N/A	C27,C31,C32	TDK	C1005X8R1E1030508BA	REL	N/A	ADD-0011-086	40302H399	N/A	N/A	N/A	7001959
14	5	E020089	CAP CER 4.7uF 6.3V 10% XSR 0402 LOW ESR	4.7uF	C0402	10	6.3V	N/A	C29,C31,C32,C35,C36	TDK	C1005XSR0475020508C	REL	N/A	N/A	N/A	N/A	1661_CAB3	N/A	?
15	2	E025264	CAP CER 10uF 6.3V 20% XSR 0402	10uF	C0402	20	6.3V	N/A	C34,C40	SAMSUNG	C105A106M05NUNC	REL	N/A	N/A	N/A	N/A	N/A	N/A	?
18	6	E042821	CAP CER 2.2NF 50V 5% X7R 0402	2.2NF	C0402	5	50V	N/A	C48,C50,C51,C53,C54,C56	AVX CORPORATION	0402C22JAT2A	REL	N/A	N/A	N/A	N/A	N/A	N/A	?
19	3	E042800	CAP CER 4.7NF 16V 10% X7R 0402	4.7NF	C0402	10	16V	N/A	C49,C52,C55	AVX CORPORATION	0402Y47K2AT2A	REL	N/A	N/A	N/A	N/A	N/A	N/A	?
20	6	E012616	CAP CER 820pF 50V 5% COG 0402	820pF	C0402	5	50V	N/A	C59,C60,C61,C67,C68,C69	MURATA	GRM1555C1H821JA01D	REL	N/A	N/A	N/A	N/A	N/A	N/A	7003495
22	4	E033808	CAP CER 100pF 50V 1% COG 0402 AEC-Q200	100pF	C0402	1	50V	N/A	C62,C64,C70,C72	MURATA	GC1M555C1H101FA16D	REL	N/A	N/A	N/A	N/A	N/A	N/A	?
25	1	E042671	CAP CER 10NF 16V 5% X7R 0402	10NF	C0402	5	16V	N/A	C75	AVX CORPORATION	0402C103JAT2A	REL	N/A	N/A	N/A	N/A	N/A	N/A	?
26	1	E028141	CAP CER 0.1uF 16V 10% X7R 0402 AEC-Q200	0.1uF	C0402	10	16V	N/A	C76	MURATA	GC1M55R7J104KAS5D	REL	N/A	N/A	N/A	N/A	N/A	N/A	?
27	2	E022190	CAP CER 4.7uF 16V 10% X65 0603	4.7uF	C0603	10	16V	N/A	C93,C96	MURATA	GRM188C81C475K1E11D	REL	N/A	N/A	N/A	N/A	N/A	N/A	?
28	2	E018346	CAP CER 0.1uF 10V 10% X7R 0603	0.1uF	C0603	10	10V	N/A	C94,C95	KEMET	C0603C104KBRACU1	REL	N/A	N/A	N/A	N/A	N/A	N/A	7002102
29	3	E015386	LED SMD 0603 RED	1LM51100-GS08	LED0603	N/A	N/A	N/A	D51,D52,D53	VISHAY	TLM51100-GS08	REL	N/A	N/A	N/A	N/A	N/A	N/A	7004240
30	1	E002362	MINIATURE FERRITE CHIP BEADS	1K0805		25	N/A	N/A	E1	TE CONNECTIVITY LTD	BMB2A1000N2	REL	N/A	N/A	N/A	N/A	N/A	N/A	?
31	1	E031206	CONN-PCB 80PDS, TERMINAL BLK, 2.54MM PITCH, 3.5MM SOLDER TAIL, 125VAC, 6A, 20-30AWG	OSTV10A150	CNOSTV10A150	N/A	N/A	N/A	J1	ON-SHORE TECHNOLOGY	OSTV10A150	REL	N/A	N/A	N/A	N/A	N/A	N/A	?
32	2	E031971	CONN-PCB SPOS TERMINAL BLOCK SINGLE ROW ST, 2.54MM PITCH, 3.5MM SOLDER TAIL	1725711	CNPHENIX1725711	N/A	N/A	N/A	J2,J3	PHENIX CONTACT	1725711	REL	N/A	N/A	N/A	N/A	N/A	N/A	?
33	1	E013431	CONN-PCB TERM BLOCK 2POS	1725656	CNTHLX2H335	N/A	N/A	N/A	J4	PHENIX CONTACT	1725656	REL	N/A	N/A	N/A	N/A	N/A	N/A	6001427
34	1	E035055	CONN-PCB 7POS TERM BLOCK 2.54MM PITCH, 3.5MM SOLDER TAIL	1725708	CNPHENIX1725708	N/A	N/A	N/A	J5	PHENIX CONTACT	1725708	REL	N/A	N/A	N/A	N/A	N/A	N/A	?
35	1	E045875	IND POWER SHIELDED WIREWOUND 10UH 20% 1MHZ 1A 0.346OHM 1212 AEC-Q200	10UH	CNPH2H59_A	20	N/A	N/A	L1	COILCRAFT INC.	EPL3015-103MLC	REL	N/A	N/A	N/A	N/A	N/A	N/A	?
36	16	E010843	CONN-PCB HEADER 1ROW 2WAY	M20-9990246	CNহারউন-M20-9990246	N/A	N/A	N/A	LK1,LK2,LK3,LK6,LK8,LK9,LK19,LK21,LK39,LK40,LK41,LK42,LK43,LK44,LK45,LK46	HARWIN	M20-9990246	REL	N/A	N/A	N/A	N/A	N/A	N/A	?
37	21	E029424	CONN-PCB 3POS MALE HDR UNSHROUDED SINGLE ROW, 2.54MM PITCH, 3MM SOLDER TAIL	M20-9990345	CNহারউনK3H340	N/A	N/A	N/A	LK4,LK5,LK7,LK10,LK11,LK12,LK13,LK20,LK22,LK23,LK24,LK25,LK26,LK31,LK32,LK33,LK34,LK35,LK36,LK37,LK38	HARWIN	M20-9990345	REL	N/A	N/A	N/A	N/A	N/A	N/A	?
39	2	E042079	CONN-PCB SPOS MALE HDR UNSHROUDED 0.635MM SQ POST DOUBLE ROW 5.8MM MATING POST, 2.54MM SOLDER TAIL, 2.54MM PITCH	TSW-104-07-G-D	CNTHHSDR24L400W200H330	N/A	N/A	N/A	LK9,VOCM34,LKVC0M78	SAMTEC INC.	TSW-104-07-G-D	REL	N/A	N/A	N/A	N/A	N/A	N/A	?
40	1	E020477	CONN-PCB RCPT 25MIL SQ POST 2.54MM PITCH	SSQ-106-03-G-S	CNSAMTECSSQ-106-XX-X-S	N/A	N/A	N/A	P1	SAMTEC	SSQ-106-03-G-S	REL	N/A	N/A	N/A	N/A	N/A	N/A	?
41	2	E020478	CONN-PCB RCPT 25MIL SQ POST 2.54MM P	SSQ-108-03-G-S	CNSAMTECSSQ-108-XX-X-S	N/A	N/A	N/A	P2,P5	SAMTEC	SSQ-108-03-G-S	REL	N/A	N/A	N/A	N/A	N/A	N/A	?
42	1	E020479	CONN-PCB RCPT 25MIL SQ POST 2.54MM PITCH	SSQ-110-03-G-S	CNSAMTECSSQ-110-XX-X-S	N/A	N/A	N/A	P4	SAMTEC	SSQ-110-03-G-S	REL	N/A	N/A	N/A	N/A	N/A	N/A	?
43	1	E016473	CONN-PCB HDR 12P DUAL ST	TSW-106-07-G-D	CNHDR2X6H330	N/A	N/A	N/A	P7	SAMTEC	TSW-106-07-G-D	REL	N/A	N/A	N/A	N/A	N/A	N/A	6002422
46	2	E012344	P-CH 60V MOSFET	SOT23-2	N/A	60V	N/A	N/A	Q1,Q2	VISHAY	TP0610K-T1-E3	REL	N/A	ADD-0013-025	N/A	N/A	N/A	N/A	1006108
47	1	E033281	FRAN P CHANNEL TRENCH MOSFET, 0.210A	SOT23-B	N/A	55V	0.30W	N/A	Q3	RENESAS	6E91118BR	REL	N/A	N/A	N/A	N/A	N/A	N/A	?
48	26	E003438	RES SMD 0 Ohm JUMPER 1/10W 0603 AEC-Q200	0 R0402	JUMPER N/A	1/10W	R1,R4,R5,R6,R7,R8,R9,R10,R11,R15,R16,R17,R18,R19,R20,R21,R22,R23,R27,R32,R52,R62,R72,R73,R75,R77,R78			PANASONIC	ERJ-2GE0R00X	REL	A003-0021-001	N/A	N/A	N/A	1138_CAB3	N/A	7000282
51	4	E004152	RES SMD 0 Ohm 1/10W 0805	0 R0805	JUMPER N/A	1/10W	R94,R99,R102,R105			MULTICOMP (SPC)	MCO1W08050R	REL	N/A	N/A	N/A	N/A	N/A	N/A	7005370
56	5	E007502	RES SMD 0 Ohm JUMPER 1/10W 0603 AEC-Q200 PRECISION POWER	0 R0603	JUMPER N/A	1/10W	R24,R27,R40,R41,R110			VISHAY	CRCW060300020EA	REL	N/A	N/A	N/A	N/A	N/A	N/A	7000371
59	6	E003749	RES SMD 1MEG Ohm 1% 1/10W 0402 AEC-Q200	1MEG	R0402	1	N/A	1/10W	R13,R14,R34,R49,R54,R55	PANASONIC	ERJ-2RFK1004X	REL	A003-0035-002	N/A	N/A	N/A	1686_CAB3	N/A	?
61	1	E041978	RES SMD TEMP SENSOR 1K AT 0 DEG C, 1206	1K	R1206	N/A	N/A	R2	R2	IST	PI1K0.1206.2P.B	REL	N/A	N/A	N/A	N/A	N/A	N/A	?
61	8	E029392	RES SMD 453 Ohm 0.1% 1/16W 0402 AEC-Q200 HIGH RELIABILITY	453 R0402	0.1	N/A	1/16W	R28,R29,R30,R33,R43,R44,R45,R48		PANASONIC	ERA-2AE84530X	REL	N/A	N/A	N/A	N/A	N/A	N/A	?
62	1	E028320	RES SMD 5.1K Ohm 0.1% 1/10W 0603 AEC-Q200 HIGH RELIABILITY	5.1K R0603	0.1	N/A	1/10W	R3		PANASONIC	ERA-3AE8511V	REL	N/A	N/A	N/A	N/A	N/A	N/A	?
64	4	E006431	RES SMD 200 Ohm 0.1% 1/16W 0402 AEC-Q200 SULFUR RESISTANT	200 R0402	0.1	N/A	1/16W	R13,R32,R46,R47		SUSUMI CO, LTD	REL1005P-201-B-TS	REL	A003-0093-005	41816H954	N/A	N/A	N/A	N/A	?
64	4	E018865	RES SMD 82.5 Ohm 0.1% 1/10W 0603 AEC-Q200 HIGH RELIABILITY	82.5 R0603	0.1	N/A	1/10W	R35,R36,R50,R51		PANASONIC	ERA-3AE825R5V	REL	N/A	N/A	N/A	N/A	N/A	N/A	7008438
66	6	E057713	RES SMD 5.1 Ohm 1% 1/10W 0603 AEC-Q200	5.1 R0603	1	N/A	1/10W	R56,R57,R58,R59,R60,R61		ROHM	KTR03EZF5R10	REL	N/A	N/A	N/A	N/A	N/A	N/A	?
68	3	E018430	RES SMD 100K Ohm 1% 1/16W 0603	100K	R0603	1	N/A	1/16W	R64,R66,R68	MULTICOMP (SPC)	MC 0.063W 0603 1% 100K	REL	N/A	N/A	N/A	N/A	N/A	N/A	?
69	3	E013640	RES SMD 10K Ohm 5% 1/16W 0402 AEC-Q200	10K	R0402	5	N/A	1/16W	R69,R70,R71	VISHAY	CRCW040210K0INED	REL	N/A	N/A	N/A	N/A	N/A	N/A	7000280
71	6	E005803	USE E007502 R0HS COMPLIANT EQUIVALENT, RES SMD 0 OHM 0603 AEC-Q200	0 R0603	N/A	N/A	N/A	R81,R83,R86,R88,R90,R92		VISHAY	CRCW06030002R11	RWC	ADD_TO_STOCK400	N/A	N/A	N/A	N/A	N/A	7005386
76	9	E013941	CONN-PCB SMD JACK ST	1-1337482-0	CNMBNSQ276H299	N/A	N/A	N/A	S4,S5,SMB2,SMB3,SMB4,SMB5,SMB6,SMB7,SMB8,SMB9	TE CONNECTIVITY LTD	1-1337482-0	REL	N/A	N/A	N/A	N/A	N/A	N/A	403130G086
77	2	E019393	SWITCH MINIATURE SLIDE, DP3T	OS203012MUSOP1	SWTH1669W230H362_A	N/A	N/A	N/A	SMB1,SMB2	C&K COMPONENTS	OS203012MUSOP1	REL	N/A	N/A	N/A	N/A	N/A	N/A	6003257
78	1	E048340	IC-ADI 24-BIT, DC TO 50KHZ INPUT BW SIGMA DELTA 4 INPUT CHANNEL WITH INTEGRATED PGA BUFFERS, PRELIM	AD4170	QFN32_64X_PAD4_6X2_6	N/A	N/A	?	U1	ANALOG DEVICES	AD4170	RWC	N/A	N/A	N/A	N/A	N/A	N/A	?
79	1	E026572	IC-ADI LOW NOISE, HIGH FREQUENCY MEMS ACCELEROMETER, PRELIM	ADXL1002B2CPZ	QFN32_5X5_PAD3_7X3_7	N/A	N/A	?	U2	ANALOG DEVICES	ADXL1002B2CPZ	RWC	N/A	N/A	N/A	N/A	N/A	N/A	?
80	1	E034913	IC 32KBIT SERIAL EEPROM	24AA32A-I/SN	S08	N/A	N/A	?											