

TITLE: Bill of Materials								
BOM NO: 05-072443-01-b.csv								
DATE: 08/17/2023								
DESIGN: 02_072443b_top								
TEMPLATE: Z:\allegro\v174_site\cdssetup\template.bom								
CALLOUT: Inc\Attachments\Current Projects\EVAL-LT3964-1-AZ\1-SCH\rev 2\20_072443b\worklib\02_072443b_top\bom\72443a.callouts								
ITEM#	Qty	WW_PN	DESCRIPTION	VALUE	LOCATION	MFG	MFG_PN	DNI
1	1	08_07244	PCB	?	?	Analog Devices Supplied	08_072443b	?
2	2	E016729	CAP CER 2.2uF 50V 10% X7R 0805	2.2uF	C1,C7	TAIYO YUDEN	UMK212BB7225KG-T	?
3	2	E010425	CAP CER 2.2uF 10V 10% X5R 0805	2.2uF	C10,C12	TAIYO YUDEN	LMK212BJ225KD-T	?
4	2	E038241	CAP CER 0.22uF 50V 10% X5R 0402	0.22uF	C9,C11	TAIYO YUDEN	UMK105BJ224KV-F	?
7	1	E058112	CAP ALUM 33UF 20% 50V 6.6X6.6MM	33UF	C5	WURTH ELEKTRONIK	8.65081E+11	?
8	1	E044855	CAP CER 2.2UF 25V 10% X5R 0402 AEC-Q200	2.2UF	C6	MURATA	GRT155R61E225KE13D	?
9	14	E031108	CONN-PCB SOLDER TERMINAL TEST POINT TURRET 0.094" MTG. HOLE PCB 0.062 INCH THK	2501-2-00-80-00-00-07-0	E1,E2,E3,E4,E5,E6,E7,E8, E9,E10,E11,E12,E13,E14	MILL-MAX	2501-2-00-80-00-00-07-0	?
12	1	E010086	CONN-PCB SHROUDED HDR ST 14P MALE	87831-1420	J1	MOLEX	87831-1420	?
13	2	E043044	CONN-PCB 6POS UNSHROUDED HEADER VERT 2MM PITCH	TMM-103-02-L-D	JP1,JP2	SAMTEC INC.	TMM-103-02-L-D	?
14	1	E021460	CONN-PCB SINGLE ROW HDR 2MM PITCH	TMM-102-01-G-S	JP3	SAMTEC	TMM-102-01-G-S	?
15	2	E024887	IND SHIELDED POWER 1.9A 0.158OHM DCR	4.7UH	L1,L2	WURTH ELEKTRONIK	74438336047	?
17	2	E023655	TRAN P-CH POWER MOSFET	IRLML6401TRPBF	M1,M2	INFINEON TECHNOLOGIES AG	IRLML6401TRPBF	?
18	1	E003766	RES SMD 332K Ohm 1% 1/10W 0402 AEC-Q200	332K	R1	PANASONIC	ERJ-2RKF3323X	?
19	2	E003749	RES SMD 1MEG Ohm 1% 1/10W 0402 AEC-Q200	1MEG	R10,R14	PANASONIC	ERJ-2RKF1004X	?
20	2	E006751	RES SMD 169K Ohm 1% 1/10W 0402 AEC-Q200	169K	R11,R15	PANASONIC	ERJ-2RKF1693X	?
21	2	E031559	RES SMD 0.1 Ohm 1% 1/2W 0805 AEC-Q200		0.1 R12,R16	SUSUMU CO, LTD	KRL1220E-M-R100-F-T5	?
23	1	E020550	RES SMD 51.1K Ohm 0.1% 1/16W 0402 AEC-Q200 HIGH RELIABILITY	51.1K	R2	PANASONIC	ERA-2AEB5112X	?
24	5	E017855	RES SMD 100K Ohm 1% 1/16W 0402	100K	R3,R4,R5,R26,R27	MULTICOMP (SPC)	MC 0.0625W 0402 1% 100K	?
25	2	E003438	RES SMD 0 Ohm JUMPER 1/10W 0402 AEC-Q200		0 R28,R29	PANASONIC	ERJ-2GEOR00X	?
26	1	E026053	RES SMD 165K Ohm 1% 1/16W 0402	165K	R6	YAGEO	RC0402FR-07165KL	?
27	1	E019889	RES SMD 499K Ohm 1% 1/10W 0402 AEC-Q200	499K	R7	PANASONIC	ERJ-2RKF4993X	?
28	1	E021819	RES SMD 27.4K Ohm 1% 1/10W 0402 AEC-Q200	27.4K	R8	PANASONIC	ERJ-2RKF2742X	?
29	1	E003791	RES SMD 20K Ohm 1% 1/10W 0402 AEC-Q200	20K	R9	PANASONIC	ERJ-2RKF2002X	?
30	1	E058111	IC-ADI DUAL 36V SYNCHRONOUS 2A BUCK LED DRIVER WITH I2C	LT3964RUHE-1#PBF	U1	ANALOG DEVICES	LT3964RUHE-1#PBF	?
Mechanical Parts								
ITEM#	Qty	WW_PN	DESCRIPTION	VALUE	LOCATION	MFG	MFG_PN	DNI
2	2	M022926	SHUNT, 2POS, 2MM PITCH, BLACK	?	?	SAMTEC INC.	25N-BK-G	?
The following components are part of the PCB or are NOT to be installed								
ITEM#	Qty	WW_PN	DESCRIPTION	VALUE	LOCATION	MFG	MFG_PN	DNI
5	5	E000381	DO NOT INSTALL (TBD_C0402) PLEASE USE SYM_3 AND/OR SYM_4	TBD0402	C2,C8,C13,C18,C19	TBD0402	TBD0402	DNI
6	3	E000383	DO NOT INSTALL (TBD_C0805) PLEASE USE SYM_3 AND/OR SYM_4	TBD0805	C3,C4,C14	TBD0805	TBD0805	DNI
10	1	E012241	IND CHIP FERRITE BEAD 100OHM 25% 100MHZ 4A 0.02OHM DCR 0805	100OHM	FB1	TDK	MP22012S101AT000	DNI
11	2	E008092	IND CHIP FERRITE BEAD 0805	1500 OHMS	FB2,FB3	MURATA MANUFACTURING	BLM21BD152SN1D	DNI
16	1	E058020	IND POWER SHIELDED WIREWOUND 2.2UH 20% 100KHZ 1.3A 0.176 OHM DCR 1008, AEC-Q200	2.2UH	L3	WURTH ELEKTRONIK	74438323022	DNI
22	6	E004049	DO NOT INSTALL (TBD_R0402), PLEASE USE SYM_3 AND/OR SYM_4	TBD0402	R13,R17,R21,R22,R24,R25	TBD0402	TBD0402	DNI
Callouts F			Inc\Attachments\Current Projects\EVAL-LT3964-1-AZ\1-SCH\rev 2\20_072443b\worklib\02_072443b_top\bom\72443a.callouts					