

TITLE: Bill of Materials

BOM NO: 05-072728-01-a.csv

DATE: 10/24/2022

DESIGN: 02\_072728a\_top

TEMPLATE: Z:\allegro\v174\_site\cdssetup\template.bom

CALLOUT: C:\tmp\20\_072728a\worklib\02\_072728a\_top\bom\bom.log.callouts

ITEM#	Qty	WW_PN	DESCRIPTION	VALUE	JEDEC_TYP	TOL	VOLTAGE	WATTAGE	LOCATION
1	1	08_072728	PCB	?	?	?	?	?	?
2	6	E026964	CAP CER 0.1uF	0.1uF	C0402		10 25V	N/A	C1,C3,C10,
5	1	E042671	CAP CER 10NF	10NF	C0402		5 16V	N/A	C14
9	6	E020896	CAP CER 10uF	10uF	C0603		20 16V	N/A	C4,C5,C21,
10	1	E044311	CAP CER 22UF	22UF	C1210H11U		20 25V	N/A	C22
11	2	E025322	CAP CER 4.7uF	4.7uF	C0603		10 10V	N/A	C23,C26
14	3	E015288	CAP CER 2.2uF	2.2uF	C0603		10 10V	N/A	C27,C28,C3
15	2	E042676	CAP CER 22NF	22NF	C0603		5 50V	N/A	C29,C30
16	4	E019413	CAP CER 0.01uF	0.01uF	C0402		10 50V	N/A	C6,C7,C8,C
17	1	E034262	DIO TVS 5.1V	SMBJ6KE	DO214AA	N/A	5.8V	600W	D1
18	4	E015386	LED SMD 0.6W	TLMS110C	LED0603	N/A	N/A	N/A	DS2,DS3,D
19	1	E052795	IND FERRITE	220OHM	LSML126V		30 N/A	N/A	E1
21	1	E045875	IND POWE	10UH	L1212H59		20 N/A	N/A	L1
22	2	E010843	CONN-PCB	M20-9990	CNHARW1	N/A	N/A	N/A	LK1,LK2
23	2	E021460	CONN-PCB	TMM-102	CNHDR1X2	N/A	N/A	N/A	LK10,LK11
24	3	E029424	CONN-PCB	M20-9990	CNHDR1X3	N/A	N/A	N/A	LK7,LK8,LK
25	1	E026603	CONN-PCB	6.13E+10	CNHDR2X3	N/A	N/A	N/A	LK13
26	1	E018034	CONN-PCB	TMM-103	CNHDR2X3	N/A	N/A	N/A	LK9
27	12	E005347	CONN-PCB	BLK	CNKEY500	N/A	N/A	N/A	MCLK,REFI
28	3	E031971	CONN-PCB	1725711	CNPHOENI	N/A	N/A	N/A	P1,P2,P3
29	2	E020478	CONN-PCB	SSQ-108-C	CNSAMTEC	N/A	N/A	N/A	P7,P10
30	1	E018495	CONN-PCB	TSW-106-C	CNHDRRA2	N/A	N/A	N/A	P11
31	1	E031182	CONN-PCB	1725672	CNPHOENI	N/A	N/A	N/A	P4
32	1	E016993	CONN-PCB	FX8-120S-	CNHRFX8	N/A	N/A	N/A	P5
33	1	E020477	CONN-PCB	SSQ-106-C	CNSAMTEC	N/A	N/A	N/A	P6
34	1	E020488	CONN-PCB	SSQ-103-C	CNSAMTEC	N/A	N/A	N/A	P8
35	1	E020479	CONN-PCB	SSQ-110-C	CNSAMTEC	N/A	N/A	N/A	P9
38	16	E030156	RES SMD 0	0	R0402	JUMPER	N/A	1/16W	R7,R9,R11,
39	2	E029591	RES SMD 1	1K	R0603		1 N/A	1/10W	R13,R14
40	4	E017869	RES SMD 1	100K	R0603		1 N/A	1/10W	R2,R3,R6,R
41	5	E031669	RES SMD 1	10K	R0402		1 N/A	1/16W	R26,R27,R:
42	2	E048462	RES SMD 1	1MEG	R0402		1 N/A	1/10W	R28,R29
43	1	E020572	IC-ADI ULT	ADP150A	WLCSP4H2	N/A	N/A	?	U1
44	1	E016680	IC-ADI ULT	ADR4525E	SO8	N/A	N/A	?	U2
45	1	E034913	IC 32KBIT S	24AA32A-	SO8	N/A	N/A	?	U3
47	1	E048031	IC-ADI 15V	LTC3129E	QFN16_3X	N/A	N/A	?	U5
48	1	E027702	IC-ADI LOV	ADP7142A	SO8NB-PAI	N/A	N/A	?	U6
49	1	E058869	IC-ADI 8-C	AD7194B	QFN32_5X	N/A	N/A	?	U7
50	1	E055743	IC CRYSTAL	4.9152ME	HC49US	30ppm	N/A	N/A	Y1

Callouts File:C:\tmp\20\_072728a\worklib\02\_072728a\_top\bom\bom.log.callouts

Mechanical Parts

ITEM#	Qty	WW_PN	DESCRIPTIO	VALUE	JEDEC_TYP	TOL	VOLTAGE	WATTAGE	LOCATION
	2	1 M023139	SHUNT, JU	?	N/A	?	?	?	?
	3	2 M017432	NUT HEX N	?	N/A	?	?	?	?
	4	2 M022277	NUT, NYLO	?	N/A	?	?	?	?
	5	2 M022276	SCREW, NY	?	N/A	?	?	?	?
	6	4 M029337	JUMPER O	?	N/A	?	?	?	?

The following components are part of the PCB or are NOT to be installed

ITEM#	Qty	WW_PN	DESCRIPTIO	VALUE	JEDEC_TYP	TOL	VOLTAGE	WATTAGE	LOCATION
	3	1 E042671	CAP CER 1t	10NF	C0402		5 16V	N/A	C12
	4	1 E011561	CAP CER 1t	1uF	C0402		10 6.3V	N/A	C13
	6	2 E032366	CAP CER 2t	25pF	C0603		2 100V	N/A	C15,C16
	7	2 E020896	CAP CER 1t	10uF	C0603		20 16V	N/A	C17,C19
	8	1 E025322	CAP CER 4.	4.7uF	C0603		10 10V	N/A	C2
	12	2 E025702	CAP CER 1t	1uF	C0603		10 16V	N/A	C24,C37
	13	3 E026964	CAP CER 0.	0.1uF	C0402		10 25V	N/A	C25,C34,C:
	20	3 E013941	CONN-PCB 1-	133748:	CNBNCSQ2	N/A	N/A	N/A	J1,J2,J3
	36	3 E017869	RES SMD 1	100K	R0603		1 N/A	1/10W	R1,R4,R5
	37	8 E030156	RES SMD 0	0	R0402	JUMPER	N/A	1/16W	R8,R10,R1:
	46	1 E053242	IC-ADI 0.25	LTC6655LI	MSOP8	N/A	N/A	?	U4

MFG	MFG_PN	HLM_STAT	STOCKROC	STOCKROC	STOCKROC	STOCKROC	STOCKROC	STOCKROC	CUSTOM_ID	DNI
Analog Dev	08_07272	N/A	?	?	?	?	?	?	?	?
AVX CORP	04023C10	REL	N/A	N/A	N/A	N/A	7001510	?	?	?
AVX CORP	0402YC10	REL	N/A	N/A	N/A	N/A	N/A	?	?	?
TDK	C1608X5R	REL	N/A	N/A	N/A	N/A	N/A	?	?	?
TDK	CGA6P3X7	REL	N/A	N/A	N/A	N/A	N/A	?	?	?
KEMET	C0603C47	REL	N/A	N/A	N/A	N/A	N/A	?	?	?
MURATA	GRM188R	REL	N/A	N/A	N/A	N/A	N/A	?	?	?
AVX CORP	06035C22	REL	N/A	N/A	N/A	N/A	N/A	?	?	?
MURATA	GCM155R	REL	N/A	N/A	N/A	N/A	N/A	?	?	?
MICRO CO	SMBJP6KE	REL	N/A	N/A	N/A	N/A	N/A	?	?	?
VISHAY	TLMS110C	REL	N/A	N/A	N/A	N/A	7004240	?	?	?
MURATA	NFZ32BW	REL	N/A	N/A	N/A	N/A	N/A	?	?	?
COILCRAFT	EPL3015-1	REL	N/A	N/A	N/A	N/A	N/A	?	?	?
HARWIN	M20-999C	REL	N/A	N/A	N/A	N/A	N/A	?	?	?
SAMTEC	TMM-102	REL	N/A	N/A	N/A	N/A	N/A	?	?	?
HARWIN	M20-999C	REL	N/A	N/A	N/A	N/A	N/A	?	?	?
WURTH EL	6.13E+10	REL	N/A	N/A	N/A	N/A	N/A	?	?	?
SAMTEC	TMM-103	REL	N/A	N/A	N/A	N/A	6002380	?	?	?
KEYSTONE	5001	REL	ADD_TO_S	42009JH0C	N/A	N/A	6001621	?	?	?
PHOENIX C	1725711	REL	N/A	N/A	N/A	N/A	N/A	?	?	?
SAMTEC	SSQ-108-C	REL	N/A	N/A	N/A	N/A	N/A	?	?	?
SAMTEC IN	TSW-106-	NON-PREF	N/A	N/A	N/A	N/A	N/A	?	?	?
PHOENIX C	1725672	REL	N/A	N/A	N/A	N/A	6003606	?	?	?
HRS	FX8-120S-	NON-PREF	N/A	N/A	N/A	N/A	6000923	?	?	?
SAMTEC	SSQ-106-C	REL	N/A	N/A	N/A	N/A	N/A	?	?	?
SAMTEC	SSQ-103-C	REL	N/A	N/A	N/A	N/A	N/A	?	?	?
SAMTEC	SSQ-110-C	REL	N/A	N/A	N/A	N/A	N/A	?	?	?
YAGEO	AC0402JR	REL	N/A	N/A	N/A	N/A	N/A	?	?	?
YAGEO	RC0603FR	REL	N/A	N/A	N/A	N/A	N/A	?	?	?
BOURNS	CR0603-F)	REL	N/A	N/A	N/A	N/A	7005770	?	?	?
STACKPOLI	RMCF040	REL	N/A	N/A	N/A	N/A	7000852	?	?	?
VISHAY	MCS0402	REL	N/A	N/A	N/A	N/A	N/A	?	?	?
ANALOG D	ADP150A	REL	N/A	N/A	N/A	N/A	N/A	?	?	?
ADI	ADR4525E	REL	N/A	N/A	N/A	N/A	N/A	?	?	?
MICROCHI	24AA32A-	REL	N/A	N/A	N/A	N/A	N/A	?	?	?
ANALOG D	LTC3129E	REL	N/A	N/A	N/A	N/A	N/A	?	?	?
ANALOG D	ADP7142A	REL	N/A	N/A	N/A	N/A	N/A	?	?	?
ANALOG D	AD7194B	REL	N/A	N/A	N/A	N/A	N/A	?	?	?
CTS CORPC	ATS049B-I	REL	N/A	N/A	N/A	N/A	N/A	?	?	?

