

TITLE: Bill of Materials

BOM NO: 05-068126-01-b.csv

DATE: 12/27/2021

DESIGN: 02_068126b_top

TEMPLATE: Z:\allegro\v172_site\cdssetup\template.bom

CALLOUT: C:\tmp\20_068126b\worklib\02_068126b_top\bom\bom.callouts

ITEM#	Qty	WW_PN	DESCRIPTION	VALUE	JEDEC_TYP	TOL	VOLTAGE	WATTAGE	LOCATION
1	1	08_068126	PCB	?	?	?	?	?	?
2	1	E025702	CAP CER 10	1uF	C0603		10 16V	N/A	C1
8	4	E026964	CAP CER 0.0	0.1uF	C0402		10 25V	N/A	C3,C18,C20
10	4	E030977	CAP CER 10	10uF	C0603		10 25V	N/A	C4,C5,C21,
11	3	E015288	CAP CER 2.2	2.2uF	C0603		10 10V	N/A	C22,C28,C2
12	1	E038599	CAP CER 22	22uF	C1210H10		20 25V	N/A	C24
14	2	E025322	CAP CER 4.7	4.7uF	C0603		10 10V	N/A	C27,C30
15	2	E042676	CAP CER 22	22NF	C0603		5 50V	N/A	C31,C32
16	2	E025617	CAP CER 10	10uF	C1210	-20%, +80%	50V	N/A	C35,C37
18	1	E054109	DIO TVS UI	SZP6SMB6	DO214AA_	N/A	6.8V	600W	D1
19	3	E015386	LED SMD 0	TLMS110C	LED0603	N/A	N/A	N/A	DS1,DS4,D
20	1	E052795	IND FERRIT	220OHM	LSML126V		30 N/A	N/A	E1
22	3	E029424	CONN-PCB	M20-9990	CNHDR1X3	N/A	N/A	N/A	JP1,JP3,JP5
23	1	E018034	CONN-PCB	TMM-103	CNHDR2X3	N/A	N/A	N/A	JP2
24	1	E020985	CONN-PCB	2213S-08	CNHDR2X4	N/A	N/A	N/A	JP4
25	1	E045875	IND POWE	10UH	L1212H59_		20 N/A	N/A	L1
26	1	E016993	CONN-PCB	FX8-120S-	CNHRFX8	N/A	N/A	N/A	P1
27	1	E031182	CONN-PCB	1725672	CNPHOENI	N/A	N/A	N/A	P14
28	2	E021460	CONN-PCB	TMM-102	CNHDR1X2	N/A	N/A	N/A	P15,P16
29	1	E020477	CONN-PCB	SSQ-106-C	CNSAMTEC	N/A	N/A	N/A	P2
30	2	E020478	CONN-PCB	SSQ-108-C	CNSAMTEC	N/A	N/A	N/A	P3,P6
31	1	E020488	CONN-PCB	SSQ-103-C	CNSAMTEC	N/A	N/A	N/A	P4
32	1	E020479	CONN-PCB	SSQ-110-C	CNSAMTEC	N/A	N/A	N/A	P5
33	2	E031971	CONN-PCB	1725711	CNPHOENI	N/A	N/A	N/A	P7,P9
34	1	E018495	CONN-PCB	TSW-106-	CNHDRRA2	N/A	N/A	N/A	P8
35	2	E012344	P-CH 60V	M TP0610K-	1SOT23-2	N/A	60V	N/A	Q1,Q2
36	2	E033281	TRAN P-CH	BSH111BK	SOT23_B	N/A	55V	0.302W	Q3,Q4
39	17	E030156	RES SMD 0	0	R0402	JUMPER	N/A	1/16W	R7,R9,R11,
40	2	E029591	RES SMD 1	1K	R0603		1 N/A	1/10W	R13,R14
41	4	E018430	RES SMD 1	100K	R0603		1 N/A	1/16W	R2,R3,R6,R
42	4	E030849	RES SMD 1	10K	R0402		1 N/A	1/16W	R23,R37,R:
43	1	E003668	RES SMD 1	100	R0603		1 N/A	1/10W	R26
44	4	E003749	RES SMD 1	1MEG	R0402		1 N/A	1/10W	R27,R28,R:
45	14	E005347	CONN-PCB	BLK	CNKEY500:	N/A	N/A	N/A	TP1,TP2,TF
47	1	E034913	IC 32KBIT	S 24AA32A-	SO8	N/A	N/A	?	U1
49	1	E052312	IC-ADI 4.8	AD7195BC	QFN32_5X	N/A	N/A	?	U3
50	1	E016680	IC-ADI ULT	ADR4525E	SO8	N/A	N/A	?	U4
51	1	E048031	IC-ADI 15V	LTC3129E	QFN16_3X	N/A	N/A	?	U5
52	1	E020572	IC-ADI ULT	ADP150AC	WLCSP4H2	N/A	N/A	?	U6

53 1 E027702 IC-ADI LOV ADP7142/SO8NB-PAIN/A N/A ? U7

Mechanical Parts

ITEM#	Qty	WW_PN	DESCRIPTIO	VALUE	JEDEC_TYP	TOL	VOLTAGE	WATTAGE	LOCATION
	2	M017432	NUT HEX M	?	N/A	?	?	?	?
	3	M022276	SCREW, NY	?	N/A	?	?	?	?
	4	M022277	NUT, NYLO	?	N/A	?	?	?	?
	5	M023139	SHUNT, JU	?	N/A	?	?	?	?
	6	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	5	E026964	CAP CER 0.	0.1uF	C0402		10 25V	N/A	C10,C11,C
4	2	E042671	CAP CER 1(	10NF	C0402		5 16V	N/A	C12,C14
5	1	E011561	CAP CER 1(	1uF	C0402		10 6.3V	N/A	C13
6	2	E032366	CAP CER 2(	25pF	C0603		2 100V	N/A	C15,C16
7	2	E030977	CAP CER 1(	10uF	C0603		10 25V	N/A	C17,C19
9	1	E025322	CAP CER 4.	4.7uF	C0603		10 10V	N/A	C2
13	2	E025702	CAP CER 1(	1uF	C0603		10 16V	N/A	C25,C34
17	4	E019413	CAP CER 0.	0.01uF	C0402		10 50V	N/A	C6,C7,C8,C
21	3	E013941	CONN-PCB 1-	133748	CNBNCSQ2	N/A	N/A	N/A	J1,J2,J3
37	3	E018430	RES SMD 1	100K	R0603		1 N/A	1/16W	R1,R4,R5
38	8	E030156	RES SMD 0	0	R0402	JUMPER	N/A	1/16W	R8,R10,R1
46	4	E005347	CONN-PCB BLK		CNKEY500	N/A	N/A	N/A	TP8,TP9,TF
48	1	E053242	IC-ADI 0.25	LTC6655LI	MSOP8	N/A	N/A	?	U2
54	1	E010884	CRYSTAL H	4.9152ME	HC49US	N/A	N/A	N/A	Y1

Callouts File:C:\tmp\20_068126b\worklib\02_068126b_top\bom\bom.callouts

ANALOG D ADP7142/ REL N/A N/A N/A N/A N/A ? ?

MFG	MFG_PN	HLM_STAT	STOCKROC	STOCKROC	STOCKROC	STOCKROC	STOCKROC	CUSTOM_I	DNI
B&F FASTE	MHNZ 003	REL	N/A	N/A	N/A	N/A	N/A	?	?
DURATOOI	1.19E+08	REL	N/A	N/A	N/A	N/A	N/A	?	?
DURATOOI	1140030	REL	N/A	N/A	N/A	N/A	N/A	?	?
HARWIN	M22-190C	REL	N/A	N/A	N/A	N/A	N/A	?	?
SULLINS	QPC02SXC	REL	N/A	N/A	N/A	N/A	N/A	?	?

MFG	MFG_PN	HLM_STAT	STOCKROC	STOCKROC	STOCKROC	STOCKROC	STOCKROC	CUSTOM_I	DNI
AVX CORP	04023C10	REL	N/A	N/A	N/A	N/A	7001510	?	DNI
AVX CORP	0402YC10	REL	N/A	N/A	N/A	N/A	N/A	?	DNI
AVX	04026D10	REL	N/A	N/A	N/A	N/A	7002749	?	DNI
AVX CORP	06031A25	REL	N/A	N/A	N/A	N/A	N/A	?	DNI
MURATA	GRM188R	REL	N/A	N/A	N/A	N/A	N/A	?	DNI
KEMET	C0603C47	REL	N/A	N/A	N/A	N/A	N/A	?	DNI
MURATA	GCM188R	REL	N/A	N/A	N/A	N/A	N/A	?	DNI
MURATA	GCM155R	REL	N/A	N/A	N/A	N/A	N/A	?	DNI
TE CONNE	1-133748	REL	N/A	40313DG0	N/A	N/A	6001378	?	DNI
MULTICON	MC 0.063	REL	N/A	N/A	N/A	N/A	N/A	?	DNI
YAGEO	AC0402JR	REL	N/A	N/A	N/A	N/A	N/A	?	DNI
KEystone	5001	REL	ADD_TO_S	42009JH0C	N/A	N/A	6001621	?	DNI
ANALOG D	LTC6655LI	REL	N/A	N/A	N/A	N/A	N/A	?	DNI
IQD FREQL	LF A127K	REL	N/A	N/A	N/A	N/A	1006457	?	DNI