

TITLE: Bill of Materials

BOM NO: 05-066062-01-c.csv

DATE: 11/24/2021

DESIGN: 02_066062c_top

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

CALLOUT: C:\tmp\20_066062c\worklib\02_066062c_top\bom\02_066062.callouts

ITEM#	Qty	WW_PN	DESCRIPTION	VALUE	JEDEC_TYP	TOL	VOLTAGE	WATTAGE	LOCATION
1	1	08_066062	PCB	?	?	?	?	?	?
2	12	E005347	CONN-PCB	BLK	CNKEY500	N/A	N/A	N/A	3.3V,AVDD
3	6	E026964	CAP CER 0.1	0.1uF	C0402		10 25V	N/A	C1,C3,C10,
9	6	E020896	CAP CER 10	10uF	C0603		20 16V	N/A	C4,C5,C21,
11	2	E025322	CAP CER 4.7	4.7uF	C0603		10 10V	N/A	C23,C26
12	1	E038599	CAP CER 22	22uF	C1210H10		20 25V	N/A	C24
14	3	E015288	CAP CER 2.2	2.2uF	C0603		10 10V	N/A	C27,C38,C
15	2	E042676	CAP CER 22	22NF	C0603		5 50V	N/A	C29,C30
16	4	E019413	CAP CER 0.01	0.01uF	C0402		10 50V	N/A	C6,C7,C8,C
17	1	E034262	DIO TVS 5.1	SMBJP6KE	DO214AA	N/A	5.8V	600W	D1
18	5	E015386	LED SMD 0	TLMS110C	LED0603	N/A	N/A	N/A	DS1,DS2,D
19	1	E052795	IND FERRIT	220OHM	LSML126V		30 N/A	N/A	E1
21	1	E045875	IND POWE	10UH	L1212H59		20 N/A	N/A	L1
22	4	E010843	CONN-PCB	M20-999C	CNHARWII	N/A	N/A	N/A	LK1,LK2,LK
23	2	E021460	CONN-PCB	TMM-102	CNHDR1X2	N/A	N/A	N/A	LK10,LK11
24	5	E029424	CONN-PCB	M20-999C	CNHDR1X3	N/A	N/A	N/A	LK5,LK6,LK
25	1	E020984	CONN-PCB	2213S-06	CNHDR2X3	N/A	N/A	N/A	LK13
26	1	E018034	CONN-PCB	TMM-103	CNHDR2X3	N/A	N/A	N/A	LK9
27	3	E031971	CONN-PCB	1725711	CNPHOENI	N/A	N/A	N/A	P1,P2,P3
28	2	E020478	CONN-PCB	SSQ-108-C	CNSAMTEC	N/A	N/A	N/A	P7,P10
29	1	E018495	CONN-PCB	TSW-106-	CNHDRRA2	N/A	N/A	N/A	P11
30	1	E031182	CONN-PCB	1725672	CNPHOENI	N/A	N/A	N/A	P4
31	1	E016993	CONN-PCB	FX8-120S-	CNHRSEFX8	N/A	N/A	N/A	P5
32	1	E020477	CONN-PCB	SSQ-106-C	CNSAMTEC	N/A	N/A	N/A	P6
33	1	E020488	CONN-PCB	SSQ-103-C	CNSAMTEC	N/A	N/A	N/A	P8
34	1	E020479	CONN-PCB	SSQ-110-C	CNSAMTEC	N/A	N/A	N/A	P9
37	17	E030156	RES SMD 0	0 R0402	JUMPER		N/A	1/16W	R7,R9,R11,
38	2	E029591	RES SMD 1	1K	R0603		1 N/A	1/10W	R13,R14
39	4	E017869	RES SMD 1	100K	R0603		1 N/A	1/10W	R2,R3,R6,R
40	6	E031669	RES SMD 1	10K	R0402		1 N/A	1/16W	R23,R26,R
41	2	E048462	RES SMD 1	1MEG	R0402		1 N/A	1/10W	R28,R29
42	1	E020572	IC-ADI ULT	ADP150A	WLCSP4H2	N/A	N/A	?	U1
43	1	E048031	IC-ADI 15V	LTC3129E	QFN16_3X	N/A	N/A	?	U2
44	1	E034913	IC 32KBIT S	24AA32A-	SO8	N/A	N/A	?	U3
46	1	E012390	IC-ADI 4-CI	AD7193BF	TSSOP28	N/A	N/A	?	U5
47	1	E027702	IC-ADI LOV	ADP7142A	SO8NB-PAI	N/A	N/A	?	U6
48	1	E016680	IC-ADI ULT	ADR4525E	SO8	N/A	N/A	?	U7
49	1	E055743	IC CRYSTAL	4.9152ME	HC49US	30ppm	N/A	N/A	Y1

Callouts File:C:\tmp\20_066062c\worklib\02_066062c_top\bom\02_066062.callouts

Mechanical Parts

ITEM#	Qty	WW_PN	DESCRIPTION	VALUE	JEDEC_TYP	TOL	VOLTAGE	WATTAGE	LOCATION
2	10	M029337	JUMPER	O	?	N/A	?	?	?
3	2	M022277	NUT, NYLC	?	?	N/A	?	?	?
4	2	M017432	NUT HEX	N	?	N/A	?	?	?
5	2	M022276	SCREW, NY	?	?	N/A	?	?	?
6	3	M023139	SHUNT, JU	?	?	N/A	?	?	?

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

ITEM#	Qty	WW_PN	DESCRIPTION	VALUE	JEDEC_TYP	TOL	VOLTAGE	WATTAGE	LOCATION
4	2	E042671	CAP CER 10	10NF	C0402		5 16V	N/A	C12,C14
5	1	E011561	CAP CER 10	1uF	C0402		10 6.3V	N/A	C13
6	2	E032366	CAP CER 20	25pF	C0603		2 100V	N/A	C15,C16
7	2	E020896	CAP CER 10	10uF	C0603		20 16V	N/A	C17,C19
8	1	E025322	CAP CER 40	4.7uF	C0603		10 10V	N/A	C2
10	3	E026964	CAP CER 00	0.1uF	C0402		10 25V	N/A	C22,C34,C3
13	2	E025702	CAP CER 10	1uF	C0603		10 16V	N/A	C25,C32
20	3	E013941	CONN-PCB 1-133748	CNBNCSQ2	N/A		N/A	N/A	J1,J2,J3
35	3	E017869	RES SMD 10	100K	R0603		1 N/A	1/10W	R1,R4,R5
36	8	E030156	RES SMD 00	0	R0402	JUMPER	N/A	1/16W	R8,R10,R11
45	1	E053242	IC-ADI 0.25	LTC6655LI	MSOP8	N/A	N/A	?	U4

