

TITLE: Bill of Materials

BOM NO: 05-067416-01-c.csv

DATE: 09/21/2023

DESIGN: 02\_067416c\_top

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

CALLOUT: C:\tmp\20\_067416c\worklib\02\_067416c\_top\bom\standoffs.callouts

ITEM#	Qty	WW_PN	DESCRIPTIC	VALUE	JEDEC_TYP	TOL	VOLTAGE	WATTAGE
1	1	08_067416	PCB	?	?	?	?	?
3	1	E017857	CAP CER 1t	1uF	C0603	-20%, +80%	10V	N/A
4	2	E018452	CAP CER 0.	0.1uF	C0402H22		10 50V	N/A
6	1	E012419	CAP CER 1C	1000pF	C0402		5 50V	N/A
7	1	E020112	CAP CER 4.	4.7uF	C0603		10 16V	N/A
10	4	E031108	CONN-PCB	2501-2-00	CNMILLMAN	N/A	N/A	N/A
11	6	E000914	CONN-PCB	142-0701-	CNJOHNSO	N/A	N/A	N/A
12	3	E017614	CONN-PCB	M20-9990	CNHDR1X3	N/A	N/A	N/A
16	1	E012242	IND CHIP FI	1200HM	L0603		25 N/A	N/A
17	1	E010086	CONN-PCB	87831-142	CNMOLEX8	N/A	N/A	N/A
18	5	E006643	RES SMD 4	4.99K	R0402		1 N/A	1/10W
19	8	E045018	RES SMD 4	499	R0402		1 N/A	1/16W
21	4	E003438	RES SMD 0	0	R0402	JUMPER	N/A	1/10W
23	2	E006826	RES SMD 0	0	R0603	JUMPER	N/A	1/10W
24	4	E003673	RES SMD 4	49.9	R0603		1 N/A	1/10W
25	2	E003768	RES SMD 1	10	R0402		1 N/A	1/10W
27	1	E049443	IC-ADI DUA	ADL5309	WLCSP20_	N/A	N/A	?
28	1	E032095	IC EEPROM	24LC025-I	TSSOP8	N/A	N/A	?

Mechanical Parts

ITEM#	Qty	WW_PN	DESCRIPTIC	VALUE	JEDEC_TYP	TOL	VOLTAGE	WATTAGE
2	4	M025474	STANDOFF,	?	N/A	?	?	?
3	4	M025339	SCREW, M/	?	N/A	?	?	?

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

ITEM#	Qty	WW_PN	DESCRIPTIC	VALUE	JEDEC_TYP	TOL	VOLTAGE	WATTAGE
2	2	E022402	CAP CER 1C	100pF	C0402		5 50V	N/A
5	2	E000382	DO NOT IN	TBD0603	C0603	TBD0603	TBD0603	N/A
8	2	E012419	CAP CER 1C	1000pF	C0402		5 50V	N/A
9	2	E020112	CAP CER 4.	4.7uF	C0603		10 16V	N/A
13	2	E017614	CONN-PCB	M20-9990	CNHDR1X3	N/A	N/A	N/A
14	1	E031850	CONN-PCB	TSW-102-(	CNTHMHD	N/A	N/A	N/A
15	1	E014907	CONN-PCB	M20-9990	CNHDR1X4	N/A	N/A	N/A
20	2	E010031	RES SMD 1	1	R0402		5 50V	1/10W
22	2	E006826	RES SMD 0	0	R0603	JUMPER	N/A	1/10W
26	1	E000914	CONN-PCB	142-0701-	CNJOHNSO	N/A	N/A	N/A

Callouts File:C:\tmp\20\_067416c\worklib\02\_067416c\_top\bom\standoffs.callouts

LOCATION	MFG	MFG_PN	HLM_STAT	STOCKROO	STOCKROO	STOCKROO	STOCKROO	STOCKROO
?	Analog Dev	08_067416	N/A	?	?	?	?	?
C10	YAGEO	CC0603ZR	REL	N/A	N/A	N/A	N/A	7002701
C5,C11	TDK	CGA2B3X7	REL	N/A	N/A	N/A	N/A	7002137
C3	MURATA	GRM1555	REL	N/A	40302DG7	N/A	106_BIN2-	7002363
C4	TDK	C1608X5R	REL	N/A	N/A	N/A	N/A	N/A
GND,GND1	MILL-MAX	2501-2-00	REL	N/A	N/A	N/A	N/A	N/A
INP1,INP2,	CINCH CON	142-0701-	REL	A012-0001	N/A	N/A	N/A	N/A
J1,J3,J4	HARWIN	M20-9990	REL	N/A	N/A	N/A	N/A	6002138
L1	MURATA	BLM18KG1	REL	N/A	N/A	N/A	N/A	7004885
P1	MOLEX	87831-142	REL	N/A	N/A	N/A	N/A	6001777
R1,R4,R7,R	PANASONI	ERJ-2RKF4	REL	A003-0035	41816JH61	N/A	1263_CABE	N/A
R10,R11,R2	VISHAY	CRCW040	REL	N/A	N/A	N/A	N/A	N/A
R8,R9,R14,	PANASONI	ERJ-2GE0R	REL	A003-0021	N/A	N/A	1138_CABE	7000282
R19,R21	PANASONI	ERJ-3GEY0	REL	A003-0038	N/A	N/A	N/A	7008623
R2,R3,R5,R	PANASONI	ERJ-3EKF4	REL	A003-0032	41816DG3	N/A	N/A	N/A
R28,R29	PANASONI	ERJ-2RKF1	REL	A003-0035	41816DG1	N/A	N/A	N/A
U1	ANALOG DI	ADL5309	RWC	N/A	N/A	N/A	N/A	N/A
U2	MICROCHIF	24LC025-I	REL	N/A	N/A	N/A	N/A	N/A

LOCATION	MFG	MFG_PN	HLM_STAT	STOCKROO	STOCKROO	STOCKROO	STOCKROO	STOCKROO
?	KEYSTONE	1902C	REL	N/A	N/A	N/A	N/A	N/A
?	B&F FASTE	NY PMS 44	REL	N/A	N/A	N/A	N/A	N/A

LOCATION	MFG	MFG_PN	HLM_STAT	STOCKROO	STOCKROO	STOCKROO	STOCKROO	STOCKROO
C1,C2	TDK	C1005NP0	REL	N/A	N/A	N/A	N/A	N/A
C12,C13	TBD0603	TBD0603	REL	TBD0603	N/A	N/A	N/A	N/A
C6,C8	MURATA	GRM1555	REL	N/A	40302DG7	N/A	106_BIN2-	7002363
C7,C9	TDK	C1608X5R	REL	N/A	N/A	N/A	N/A	N/A
J2,J5	HARWIN	M20-9990	REL	N/A	N/A	N/A	N/A	6002138
J6	SAMTEC IN	TSW-102-C	REL	N/A	N/A	N/A	N/A	N/A
J7	HARWIN	M20-9990	REL	N/A	N/A	N/A	N/A	6002140
R12,R13	PANASONI	ERJ-2GEJ1I	REL	N/A	N/A	N/A	N/A	7005443
R18,R20	PANASONI	ERJ-3GEY0	REL	A003-0038	N/A	N/A	N/A	7008623
TEST_D4	CINCH CON	142-0701-	REL	A012-0001	N/A	N/A	N/A	N/A

