

TITLE: Bill of
Materials
BOM NO: 05-065434
01-b
DATE: 08/05/2021
DESIGN:
02_065434b_top
CALLOUT:

ITEM#	Qty	WW_PN	DESCRIPTION	VALUE	JEDEC_TYPE	TOL	VOLTAGE	WATTAGE	LOCATION	MFG	MFG_PN	HLM_STATUS	STOCKROOM_WL	STOCKROOM_GT	STOCKROOM_LK	STOCKROOM_GBO	STOCKROOM_NSH	CUSTOM_PART	DNI
1	1	08_065434b	PCB	?	?	?	?	?	?	Analog Devices Supplied	08_065434b	N/A	?	?	?	?	?	?	?
2	1	E017419	IC-ADI 1.8V LOW PWR CMOS RAIL-TO-RAIL IN/OUT OPAMP	AD8515ARTZ	SOT23-SL	N/A	N/A	?	A1	ANALOG DEVICES	AD8515ARTZ-REEL	REL	N/A	N/A	N/A	N/A	1002631	?	?
3	1	E023048	CAP CER 10uF 16V 10% XSR 0603	10uF	C0603	10	16V	N/A	C1	MURATA	GRM188R61C106KAALD	REL	N/A	N/A	N/A	N/A	N/A	?	?
4	2	E011865	CAP CER 0.1uF 50V 10% X7R 0603	0.1uF	C0603	10	50V	N/A	C2,C3	AVX	06035C104KAT2A	REL	A004-0012-032	N/A	N/A	1285_CAB3	N/A	?	?
6	1	E027457	LED EXCELED LAMP TRADE CHIP, 560NM, 0.020A, GREEN	SML-D12P8WT86	LED0603_A	N/A	2.2V	N/A	DS1	ROHM	SML-D12P8WT86	REL	N/A	N/A	N/A	N/A	N/A	?	?
8	1	E054517	CONN-PCB UNSHROUDED HDR MALE RA, 6POS 2.54MM PITCH, 7.37MM SOLDER TAIL, 5.84 POST HEIGHT	TSW-106-09-T-S-RA	CNTHMHDRRA1XGL600W100H124	N/A	N/A	N/A	P2	SAMTEC INC.	TSW-106-09-T-S-RA	REL	N/A	N/A	N/A	N/A	N/A	?	?
9	1	E010279	RES SMD 100K Ohm 1% 1/10W 0603 AEC-Q200	100K	R0603	1	50V	1/10W	R1	PANASONIC	ERJ-3EKF1003V	REL	A003-0032-128	41816DG576	N/A	N/A	N/A	?	?
10	2	E003671	RES SMD 10K Ohm 1% 1/10W 0603 AEC-Q200	10K	R0603	1	N/A	1/10W	R14,R15	PANASONIC	ERJ-3EKF1002V	REL	A003-0032-006	N/A	FEC 911-355	1517_CAB3	7000401	?	?
11	1	E020915	RES SMD 118K Ohm 1% 1/10W 0603 AEC-Q200	118K	R0603	1	N/A	1/10W	R2	PANASONIC	ERJ-3EKF1183V	REL	N/A	N/A	N/A	N/A	N/A	?	?
12	1	E003678	RES SMD 1K Ohm 1% 1/10W 0603 AEC-Q200	1K	R0603	1	N/A	1/10W	R3	PANASONIC	ERJ-3EKF1001V	REL	A003-0032-013	41816DG207	FEC 911-239	N/A	7001194	?	?
13	1	E013073	IC-ADI 24BIT CAP TO DIG CONV	AD7746ARUZ	TSSOP16	N/A	2.7V TO 5.25V	?	U1	ADI	AD7746ARUZ	REL	N/A	N/A	N/A	N/A	1002163	?	?

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

ITEM#	Qty	WW_PN	DESCRIPTION	VALUE	JEDEC_TYPE	TOL	VOLTAGE	WATTAGE	LOCATION	MFG	MFG_PN	HLM_STATUS	STOCKROOM_WL	STOCKROOM_GT	STOCKROOM_LK	STOCKROOM_GBO	STOCKROOM_NSH	CUSTOM_PART	DNI
5	1	E012879	DIO TVS ESD PROTECTION	ESD9L5.05T5G	SOD923	N/A	5V	150mW	D1	ON SEMICONDUCTOR	ESD9L5.05T5G	REL	N/A	N/A	N/A	N/A	7003896	?	DNI
7	2	E033652	CONN-PCB 8POS HDR MALE ST, 2.54MM PITCH, 8.08MM POST HEIGHT, 3.05MM SOLDER TAIL	PREC008SFAN-RC	CNTHMHDR1XBL800W100H432	N/A	N/A	N/A	P8,P13	SULLINS	PREC008SFAN-RC	REL	N/A	N/A	N/A	N/A	N/A	?	DNI