TITLE: Bill of Materials

BOM NO: 05-073355-01-a.csv

DATE: 12/02/2022

DESIGN: 02_073355a_top

TEMPLATE: Z:\allegro\v174_site\cdssetup\template.bom

CALLOUT:

ITEM#	Qty	WW_PN	DESCRIPTION	VALUE	JEDEC_TYPE	TOL	VOLTAGE	WATTAGE	LOCATION	MFG	MFG_PN	HLM_S	STOCKROOM_WL	STOCKRO	STOCKRO	STOCKRO	STOCKRO	CUST	DNI
1	1	08_073355a	PCB	?	?	?	?	?	?	Analog Devices Supplied	08_073355a	N/A	?	?	?	?	?	?	?
2	1	E059902	IC PRESSURE SENSOR 0 PSI TO 1 PSI VACUUM/DIFFERENTIAL	26PC01SMT	A26PCXXSMT	N/A	N/A	?	A1	HONEYWELL	26PC01SMT	REL	N/A	N/A	N/A	N/A	N/A	?	?
3	1	E047702	CAP CER 10UF 10V 10% X7T 0603	10UF	C0603	10	10V	N/A	C1	MURATA	GRM188D71A106KA73D	REL	N/A	N/A	N/A	N/A	N/A	?	?
4	4	E025751	CAP CER 0.1uF 25V 10% X7R 0402 LOW ESR	0.1uF	C0402	10	25V	N/A	C2,C3,C6,C	TDK	C1005X7R1E104K050BB	REL	N/A	N/A	N/A	N/A	N/A	?	?
5	1	E044215	CAP CER 47NF 100V 10% X7R 0603 AEC-Q200	47NF	C0603	10	100V	N/A	C4	KEMET	C0603C473K1RACAUTO	REL	N/A	N/A	N/A	N/A	N/A	?	?
6	2	E042810	CAP CER 10NF 16V 10% X5R 0603	10NF	C0603	10	16V	N/A	C5,C8	AVX CORPORATION	0603YD103KAT2A	REL	N/A	N/A	N/A	N/A	N/A	?	?
7	1	E006239	LED GREEN CLEAR	LTST-C190GKT	LED0603	N/A	N/A	N/A	DS1	LITE-ON TECHNOLOG\	LTST-C190GKT	REL	N/A	N/A	N/A	N/A	7003949	?	?
8	1	E059591	CONN-PCB 4POS FEMALE SOCKETS BOARD TO WIRE RA 2.5MM PITCH 2.1MM SOLDER TAIL	1815002	CNPHOENIX1815002	N/A	N/A	N/A	P1	PHOENIX CONTACT	1815002	REL	N/A	N/A	N/A	N/A	N/A	?	?
9	2	E059463	CONN-PCB 16POS MALE SHROUDED HDR DUAL ROW ST 1.27MM PITCH, 2.4MM SOLDER TAIL	3220-16-0100-00	CNTHMHDR2X8L650W197H201	N/A	N/A	N/A	P2,P3	CNC TECH	3220-16-0100-00	REL	N/A	N/A	N/A	N/A	N/A	?	?
10	3	E034483	RES SMD 0 Ohm JUMPER 1/10W 0603	0	R0603	JUMPER	N/A	1/10W	R1,R5,R15	YAGEO	RC0603JR-070RL	REL	N/A	N/A	N/A	N/A	N/A	?	?
12	2	E005803	RES SMD 0 Ohm 0603 AEC-Q200	0	R0603	N/A	N/A	N/A	R11,R16	VISHAY	CRCW0603000ZRT1	REL	ADD_TO_STOCK400	N/A	N/A	N/A	7005386	?	?
14	6	E017855	RES SMD 100K Ohm 1% 1/16W 0402	100K	R0402	1	50V	1/16W	R2,R3,R6,R7,R8,R13	MULTICOMP (SPC)	MC 0.0625W 0402 1% 100K	REL	N/A	N/A	N/A	N/A	7005772	?	?
15	1	E003748	RES SMD 75 Ohm 1% 1/10W 0402 AEC-Q200	75	R0402	1	N/A	1/10W	R4	PANASONIC	ERJ-2RKF75R0X	REL	A003-0035-001	N/A	N/A	N/A	N/A	?	?
16	1	E056320	IC-ADI LOW-NOISE, LOW-POWER, LOW-BIAS-CURRENT AMPLIFIERS	MAX40023ANT+	WLCSP6H20	N/A	N/A	?	U1	MAXIM INTEGRATED	MAX40023ANT+	REL	N/A	N/A	N/A	N/A	N/A	?	?
17	1	E055152	IC-ADI I2C PORT EXPANDER WITH 4 PUSH-PULL OUTPUTS AND 4 OPEN-DRAIN I/O	MAX7323ATE+	QFN16_3X3_PAD1_1X1_1	N/A	N/A	?	U2	ANALOG DEVICES	MAX7323ATE+	REL	N/A	N/A	N/A	N/A	N/A	?	?
18	1	E056255	IC LOW-POWER, PRECISION INSTRUMENTATION AMP WITH PROGRAMMABLE GAIN	MAX41400ANL+	WLCSP9-2	N/A	N/A	?	U3	MAXIM INTEGRATED	MAX41400ANL+	REL	N/A	N/A	N/A	N/A	N/A	?	?
19	2	E014600	IC-ADI CMOS 1.65V TO 3.6V DUAL SPDT SWITCH	ADG836LYRMZ	RM10	N/A	N/A	?	U4,U5	ADI	ADG836LYRMZ	REL	N/A	N/A	N/A	N/A	1003447	?	?

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_S	STOCKROOM_WL	STOCKRO	STOCKRO	STOCKRO	STOCKRO	CUST	DNI
11	2	E017855	RES SMD 100K Ohm 1% 1/16W 0402	100K	R0402	1	50V	1/16W	R9,R10	MULTICOMP (SPC)	MC 0.0625W 0402 1% 10	REL	N/A	N/A	N/A	N/A	7005772	?	DNI
13	2	E034483	RES SMD 0 Ohm JUMPER 1/10W 0603	0	R0603	JUMPER	N/A	1/10W	R12,R14	YAGEO	RC0603JR-070RL	REL	N/A	N/A	N/A	N/A	N/A	?	DNI