



Title		
Size	Number	Revision
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Date	1/23/2023	Sheet of
File:	C:\Users\jag_adc_dac_text_board_top	Drawn By:

Comment	Description	Designator	Footprint	LibRef	Quantity
CAP CER 0.1uF 50V X7R 0603		C1, C3, C4, C5, C11, C12, C13, C14, C19, C22, C23, C24	FP-CC0603-DA-MFG	CMP-03422-000030-1	12
CAP CER 10uF 0805 10V X7R		C2, C16, C18, C21	CAPC2013X140X50NL20T25	CMP-2007-04677-1	4
CAP CER 0.027uF 50V X7R 0603		C6, C7, C8, C9	FP-CC0603-DA-MFG	CMP-03422-000030-1	4
CAP CER 1uF 0805 16V X7R		C10, C15, C17, C20	CAPC2013X140X50NL20T25	CMP-2007-04677-1	4
1N5819HW-7-F	DIODE SCHOTTKY 40V 1A SOD123	D1, D2	FP-SOD123-IPC_A	CMP-0303-00003-3	2
HSMG-C170	Chip LED, Green, 2.2 V, -40 to 85 degC, 2-Pin SMD, Pb-Free, Tape and Reel	DS1, DS2	AVAG-HSMX-C170_V	CMP-2000-05062-1	2
FTSH-108-02-F-DV	CONN HEADER SMD 16POS 1.27MM	J1, J2, J3	FP-FTSH-108-02-F-DV-MFG	CMP-02766-000080-1	3
105-0752-001	CONN TIP JACK SOLDER WHITE	J4	FP-105-0751-001-MFG	CMP-09586-000001-1	1
105-0753-001	CONN TIP JACK SOLDER WHITE	J5	FP-105-0751-001-MFG	CMP-09586-000001-1	1
PIN_HEADER_2X8		JP1	PIN_HEADER_2X8_2.54MM	PIN_HEADER_2X8	1
OPTICAL-MOUNT-HOLE-1/4-20		MH1, MH2, MH3, MH4	MH-1/4-20	OPTICAL-MOUNT-HOLE-1/4-20	4
22-23-2021	Male Header, Pitch 2.54 mm, 1 x 2 Position, Height 10.67 mm, Tail Length 3.56 mm, 0 to 75 degC, RoHS, Bulk	P1	MOLX-22-23-2021_V	CMP-1704-00001-3	1
5-146280-2	Male Header, Pitch 2.54 mm, 1 x 2 Position, Height 8.21 mm, Tail Length 3.05 mm, -65 to 105 degC, RoHS, Bulk	P2	TECO-5-146280-2_V	CMP-2000-07492-1	1
RES SMD 33 OHM 0603		R1, R2, R3, R4, R5	RESC1609X50X30LL10T20	CMP-2000-03820-1	5
RES SMD 100 OHM 0603		R6, R7, R12, R13, R15, R19	RESC1609X50X30LL10T20	CMP-2000-03820-1	6
RES SMD 0 OHM 0603		R8, R10, R16, R17	RESC1609X50X30LL10T20	CMP-2000-03820-1	4
DNP		R9, R11	RESC1609X50X30LL10T20	CMP-2000-03820-1	2
RES SMD 240 OHM 0603		R14, R18	RESC1609X50X30LL10T20	CMP-2000-03820-1	2
5002	Test Point, White, 1-Pin THD, RoHS, Bulk	TP1, TP3, TP5, TP7, TP9, TP11, TP13, TP15, TP17, TP18, TP19, TP21, TP23, TP24, TP25	KSTN-5002	CMP-2000-05182-1	15
5001	Test Point, Black, 1-Pin THD, RoHS, Bulk	TP2, TP4, TP6, TP8, TP10, TP12, TP14, TP16, TP20, TP22	KSTN-5001	CMP-2000-05181-1	10
TLC2574IDW	Serial Out, Low Power with Built-In Conversion Clock and 8 x FIFO, 4 Channel, -40 to 85 degC, 20-pin SOIC (DW20), Green (RoHS & no Sb/Br)	U1	TI-DW20_L	CMP-0003-01500-1	1
SN74LVC1G07DBVT	IC BUF NON-INVERT 5.5V SOT23-5	U2, U3	FP-DBV0005A-MFG	CMP-0859-00129-4	2
DAC8555IPWG4	16-Bit, Quad Channel, Ultralow Glitch, Voltage Output Digital to Analog Converter, -40 to 105 degC, 16-pin SOP (PW16), Green (RoHS & no Sb/Br)	U4	TI-PW16_L	CMP-0004-01174-1	1
LM8272MM	RRIO, High Output Current & Unlimited Cap Load Op Amp, 8-pin Mini SOIC	U5	DGK0008A_L	CMP-0055-01394-3	1
LM317EMP/NOPB	3-Terminal Adjustable Regulator, 4-pin SOT-223, Pb-Free	U6, U9	DCY0004A_L	CMP-0062-01707-3	2
NUD3160LT1G	IC INDCT LOAD DRVR INDUST SOT23	U7, U8	FP-318-08-MFG	CMP-07123-000002-1	2
3296W-1-103LF	Square Trimpt(R) Trimming Potentiometer, 10 KOhm, +/- 10%, 0.5 W, -55 to 125 degC, 3-Pin THD, RoHS, Tube	VR1, VR2	BOUR-3296W	CMP-1747-00001-1	2