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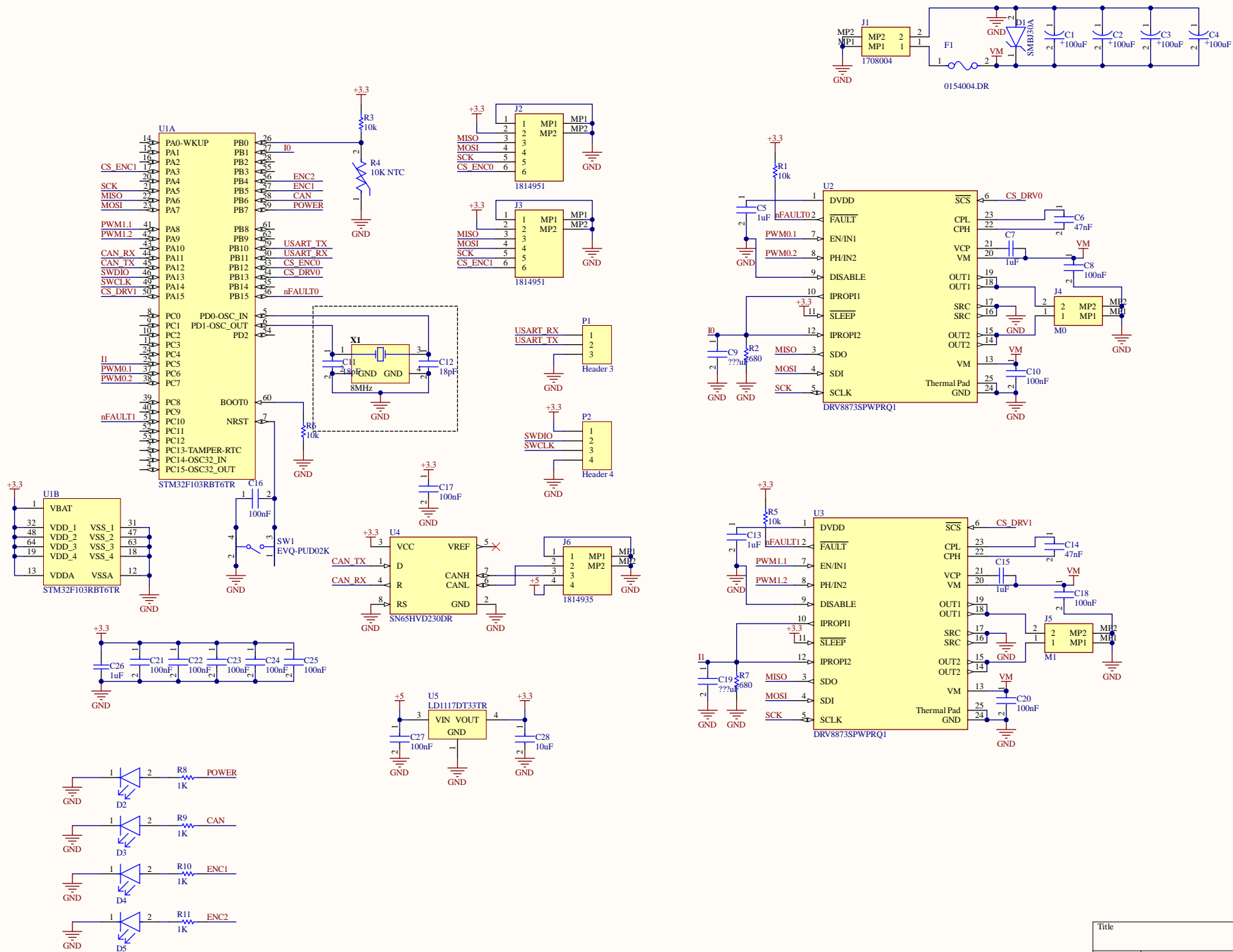
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Title		
Size	Number	Revision
A3		
Date:	4.25.2024	Sheet of
File:	C:\Users\...Sheet1.SchDoc	Drawn By:

Comment	Description	Designator	Footprint	Lib/Ref	Quantity
100uF	CAPALUM100UF 20% 35V SMD	C1, C2, C3, C4	FP-FTD-MFG	CMP-05427-000027-1	4
1uF	General Purpose Ceramic Capacitor, 0805, 100nF, 10%, X7R, 15%, 100V	C5, C13	FP-0805-L_2_01_0_2-W_1_25-IPC_B	CMP-2007-04174-2	2
47nF	CAPCER0.047UF50V X7R0805	C8, C14	FP-C0805C-DN-IPC_A	CMP-2007-01098-2	2
1uF		C7, C15, C26	CAPC2013X145X50ML20T25	CMP-1036-04746-2	3
100nF	General Purpose Ceramic Capacitor, 0805, 100nF, 10%, X7R, 15%, 100V	C8, C10, C17, C18, C20	FP-0805-L_2_01_0_2-W_1_25-MFG	CMP-2007-04174-2	5
???.uF	General Purpose Ceramic Capacitor, 0805, 100nF, 10%, X7R, 15%, 100V	C9, C19	FP-0805-L_2_01_0_2-W_1_25-IPC_B	CMP-2007-04174-2	2
18pF	CAPCER18PF100V 5%NPO0803	C11, C12	FP-C0803C-CF-MFG	CMP-2006-03103-2	2
100nF	General Purpose Ceramic Capacitor, 0805, 100nF, 10%, X7R, 15%, 100V	C16, C21, C22, C23, C24, C25, C27	FP-0805-L_2_01_0_2-W_1_25-IPC_B	CMP-2007-04174-2	7
10uF	CAPCER10UF10V X6R0805	C28	FP-C0805C-DG-IPC_B	CMP-2007-03243-2	1
SMBJ30A	TVSDIODE30VMM 48.4VCD0214AA	D1	FP-SMBJ30A-E3-52-0	CMP-02577-000026-1	1
TLLG4401	TLLG4401 LED, Green, 2mcd, 3mmDia., T-1, +/-25deg, 565nm, 7mA, 1.9V/Vt, 20V/Vr, 20mW, -40	D2, D3, D4, D5	FP-6_544-5255_01-4-MFG	CMP-00030-39390728-1	4
0154004.DR	FUSEBRD MNT4A 125VAC/VDC 2SMD	F1	FP-0154-MFG	CMP-08605-000003-1	1
1708004	Pluggable Terminal Blocks PTSM 0.5/ 2- HH-2.5-SMD WH R32	J1	1708004	1708004	1
1814951	Pluggable Terminal Blocks PTSM 0.5/ 6- HH-2.5- SMD WH R44	J2, J3	1814951	1814951	2
M0	Phoenix Contact PTSM Series, 2.5mm Pitch Printed Circuit Board Connector, 6A	J4	1815125	1815125	1
M1	Phoenix Contact PTSM Series, 2.5mm Pitch Printed Circuit Board Connector, 6A	J5	1815125	1815125	1
1814935	Pluggable Terminal Blocks PTSM 0.5/ 4- HH-2.5- SMD WH R32	J6	1814935	1814935	1
Header 3	Header, 3-Pin	P1	HDR1X3	Header 3	1
Header 4	Header, 4-Pin	P2	HDR1X4	Header 4	1
10k	Chip Resistor, 10 KOhm, +/- 1%, 0.125 W, -55 to 155 degC, 0805 (2012 Metric), RoHS, Tape and Reel	R1, R5	RESC2013X60X35ML1 0T20	CMP-1659-00013-4	2
680	Chip Resistor, 10 KOhm, +/- 1%, 0.125 W, -55 to 155 degC, 0805 (2012 Metric), RoHS, Tape and Reel	R2, R7	RESC2013X60X35ML1 0T20	CMP-1659-00013-4	2
10k	Chip Resistor, 0 Ohm, Jumper, +/- 5%, 0.125 W, -55 to 155 degC, 0805 (2012 Metric), RoHS, Tape and Reel	R3, R6	RESC2013X60X35ML1 0T20	CMP-2100-03673-1	2
10KNTC	NTC Thermistor for Temperature Sensor, 0603, 10K, 1%, 0.1mA, 5V	R4	FP-NCP18-0_15-IPC_A	CMP-2000-05271-3	1
1K	Chip Resistor, 1 KOhm, +/- 1%, 125mW, -55 to 155 degC, 0805 (2012 Metric), RoHS, Tape and Reel	R8, R9, R10, R11	RESC2013X60X35ML1 0T20	CMP-2100-03671-1	4
EVO-PUD02K	SMTOCH TACTILE SPST NO 0.05A 12V	SW1	FP-EVO-PUD02K-MFG	CMP-05618-000144-1	1
STM32F103R8T6TR	ARM CortexM3 32-bit MCU, 128 KB Flash, 20 KB Internal RAM, 51 I/Os, 64-pin LQFP, -40 to 85 degC, Tape and Reel	U1	STM_LQFP64_V	CMP-0237-00169-4	1
DRV8873SPVPRQ1	IC MOTOR/UNIPOLR-5.5V 24HTSSOP	U2, U3	FP-PWP0204J-MFG	CMP-04915-000063-1	2
SN65HVD230DR	IC TRANSCEIVER HALF 1/1 8SOIC	U4	FP-D0008A-IPC_A	CMP-0315-00015-3	1
LD1117DTS33TR	Fixed Low Drop Positive Voltage Regulator, 3.3V, 3-Pin DPAK, Tape and Reel	U5	TO-252_M	CMP-0244-00088-1	1
8MHz	SMD Silicon Sealing Crystal, 8 MHz, +/- 30 ppm, 18pF, -10 to 70 degC, 4-Pin SMD, RoHS, Tape and Reel	X1	TXC-7B-4_V	CMP-1774-00004-1	1