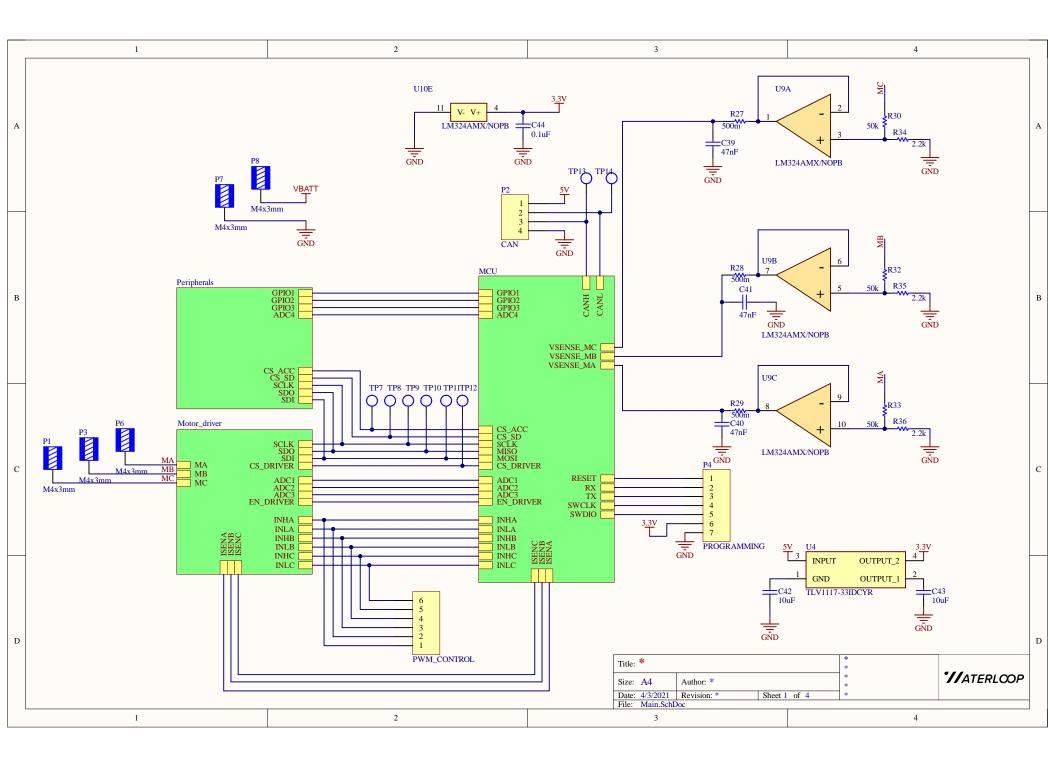
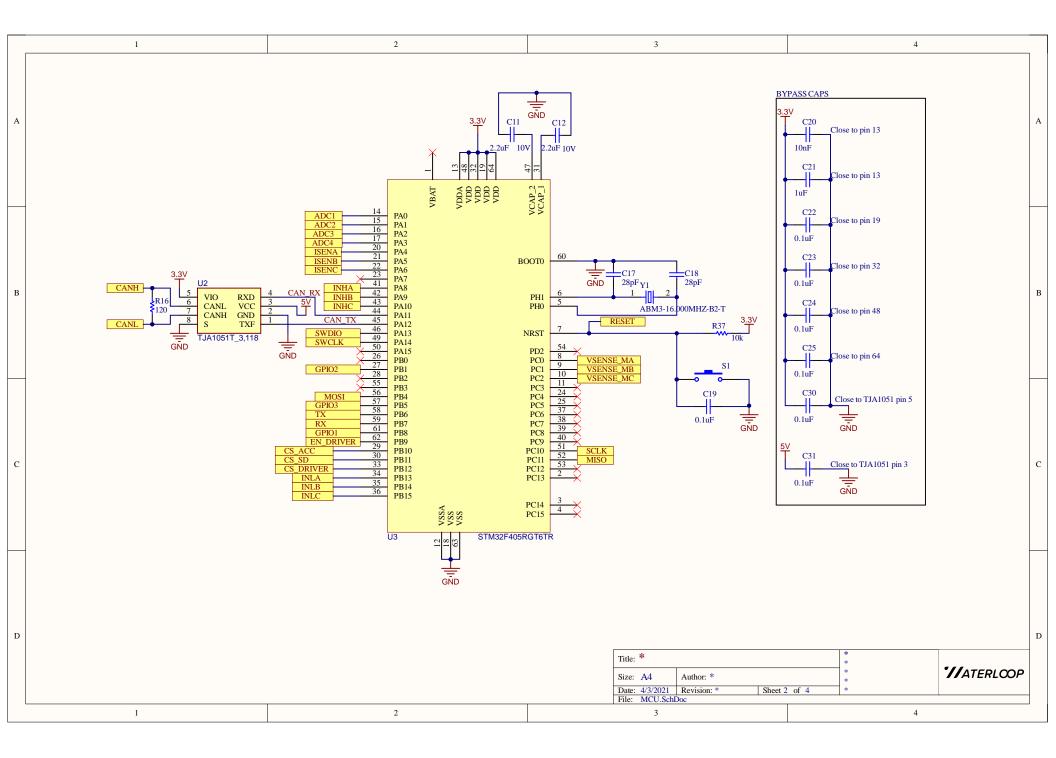
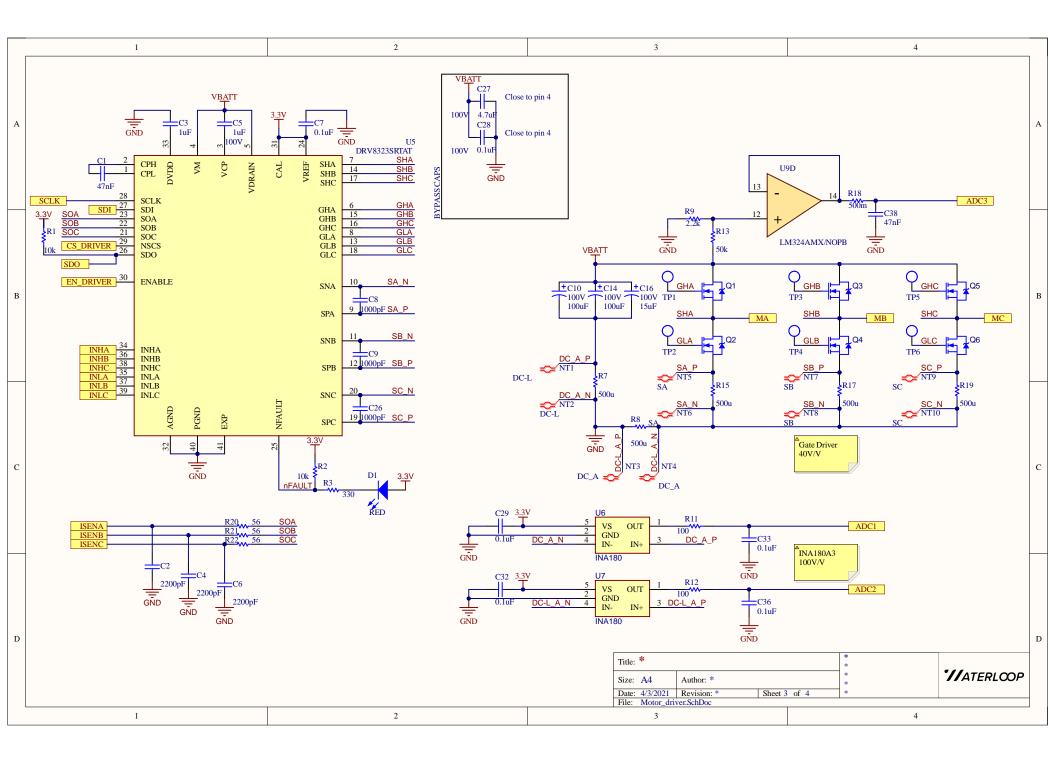
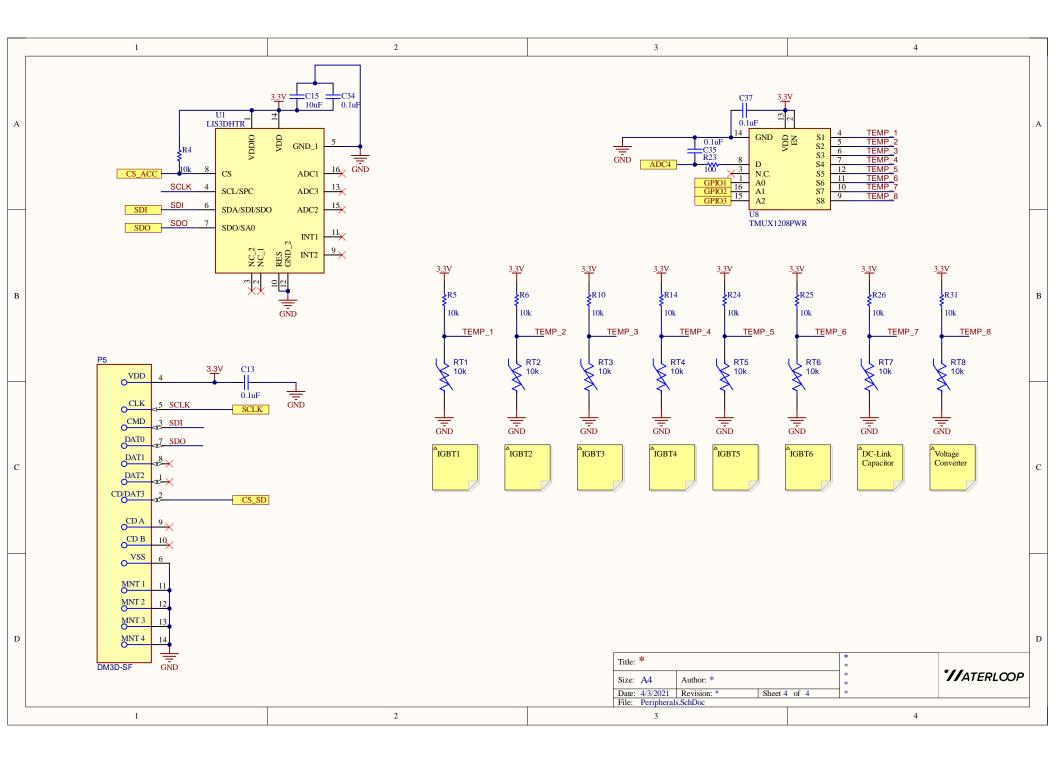
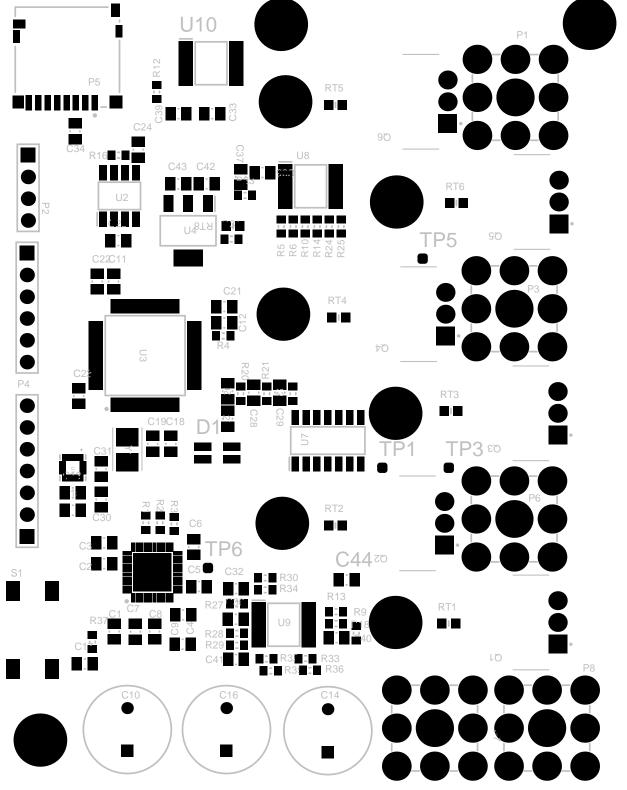
Designator	Value	Comment PWM_CONTROL	Description Header, 6-Pin	Footprint HDR1X6	Quantity 1
			CL21B104KCFNNNE, MULTILAYER		
C1, C38, C39, C40, C41	47nF	100V	CERAMIC	0805 - Capacitor	5
01, 000, 007, 010, 011		1000	CAPACITORS MLCC - SMD/SMT 100NF	ooo oapaartoi	J
			100V 0805 ROHS		
			TDK C2012X7S2A105KT000		
			N, 1UF ±10% 100V X7S		
C2, C4, C6	2200pF	10V	0805 MULTILAYER CERAMIC	0805 - Capacitor	3
			CAPACITORS MLCC - SMD/SMT ROHS		
			TDK C2012X7S2A105KT000		
C3. C5. C21	1uF	100V	N, 1UF ±10% 100V X7S 0805 MULTILAYER	0805 - Capacitor	3
03, 03, 021	Tu.	1000	CERAMIC	ooo oapaartoi	J
			CAPACITORS MLCC - SMD/SMT ROHS		
C7, C13, C19, C22,			CL21B104KCFNNNE,		
C23, C24, C25, C28,			MULTILAYER CERAMIC		
C29, C30, C31, C32, C33, C34, C35, C36,	0.1uF	100V	CAPACITORS MLCC -	0805 - Capacitor	18
C37, C44			SMD/SMT 100NF 100V 0805 ROHS		
			TDK		
			C2012X7S2A105KT000 N, 1UF ±10% 100V X7S		
C8, C9, C26	1000pF	10V	0805 MULTILAYER CERAMIC	0805 - Capacitor	3
			CAPACITORS MLCC -		
			SMD/SMT ROHS		
			100ZLH100MEFC10X2 0, Aluminum		
			Electrolytic Capacitors Radial,		
C10, C14	100uF	100V	Can - 10000 Hrs @	Electrolytic Cap	2
			105°C, 100UF 20% 100V		
C11, C12	2.2uF	10V	Nonpolarized Capacitor	0805 - Capacitor	2
			CL21B104KCFNNNE, MULTILAYER		
C15, C42, C43	10uF	100V	CERAMIC	0805 - Capacitor	3
,,			CAPACITORS MLCC - SMD/SMT 100NF		
			100V 0805 ROHS EEU-EE2V150,		
			Aluminum		
			Electrolytic Capacitors Radial,		
C16	15uF	100V	Can - 8000 Hrs @	Electrolytic Cap	1
			105°C, CAP ALUM 15UF 20% 350V		
			RADIAL		
			CL21B104KCFNNNE,		
C17, C18	20-5	100V	MULTILAYER CERAMIC	ODDE Conssitue	2
	28pF	1000	CAPACITORS MLCC - SMD/SMT 100NF	0805 - Capacitor	2
			100V 0805 ROHS		
			C0805C103K8RAC7800 . 10000pF ±10% 10V		
C20	10nF	10V	Ceramic Capacitor X7R 0805 (2012	0805 - Capacitor	1
			Metric)		
			TDK		
			C2012X7S2A105KT000		
C27	4.7uF	100V	N, 1UF ±10% 100V X7S 0805 MULTILAYER	0805 - Capacitor	1
			CERAMIC		
			CAPACITORS MLCC - SMD/SMT ROHS		
D1		RED		4-PLCC RGB LED	1
			WP-THRBU REDCUBE THR internal through-		
P1, P3, P6, P7, P8		M4x3mm	hole thread, 10x10mm, M4x3mm,	74650094	5
D2		CAN	8 pins, 85A	LIDD1V4	
P2 P4		PROGRAMMING	Header, 4-Pin Header, 7-Pin	HDR1X4 HDR1X7	1
P5		DM3D-SF	CONN MICRO SD CARD PUSH-PULL	FP-DM3D-SF-MFG	1
Q1, Q2, Q3, Q4, Q5, Q6		NMOS-2	N-Channel Power	TO254P1651X1067X47 0-3	6
R1, R2, R4, R5, R6,			MOSFET		
R10, R14, R24, R25, R26, R31, R37	10k	10k	Resistor	0603 - Resistor	12
R3	330	330	Resistor	0603 - Resistor	1
R7, R8, R15, R17, R19 R9, R34, R35, R36	500u 2.2k	500u 2.2k	Resistor Resistor	RESC6430X66N 0603 - Resistor	5 4
R11, R12, R23 R13, R30, R32, R33	100 50k	100 50k	Resistor Resistor	0603 - Resistor 0603 - Resistor	3
R16	120	500m	Resistor	0603 - Resistor	1
R18, R27, R28, R29 R20, R21, R22	500m 56	500m 56	Resistor Resistor	0603 - Resistor 0603 - Resistor	4
RT1, RT2, RT3, RT4,		401	NTC Thermistor for	FDT INVOSOR:	
RT5, RT6, RT7, RT8		10k	Temperature Sensor, SMD 0603, 10kΩ	EKI-JTVG103JA	8
S1		Switch - Push Button	Push Button Switch	6x6mm Switch	1
U1 U2		LIS3DHTR TJA1051T_3,118	Accelerometer Integrated Circuit	LIS3DHTR TJA1051T_3,118	1
U3 U4		STM32F405RGT6TR TLV1117-33IDCYR		STM32F405RGT6TR TLV1117-33IDCYR	1
		LEVITTI-SSIDUTK	Integrated Circuit Multiphase Motor	I EV I I I /* JOIDUTK	
U5		DRV8323SRTAT	Driver Power MOSFET SPI 40-	DRV8323SRTAT	1
			WQFN_6x6_ 0V to 26V Current		
		INA180	OV to 26V Current Sense Amplifier	INA180	2
U6, U7					
U8		TMUX1208PWR	Integrated Circuit	SOP65P640X120-16N	1
			Integrated Circuit Gen Purp 4Ch Opamp	SOP65P640X120-16N LM324AMX/NOPB	2
U8		TMUX1208PWR	Integrated Circuit		1 2











TP2 TP4

TP73TP814P9 TP10 TP11 TP12

