
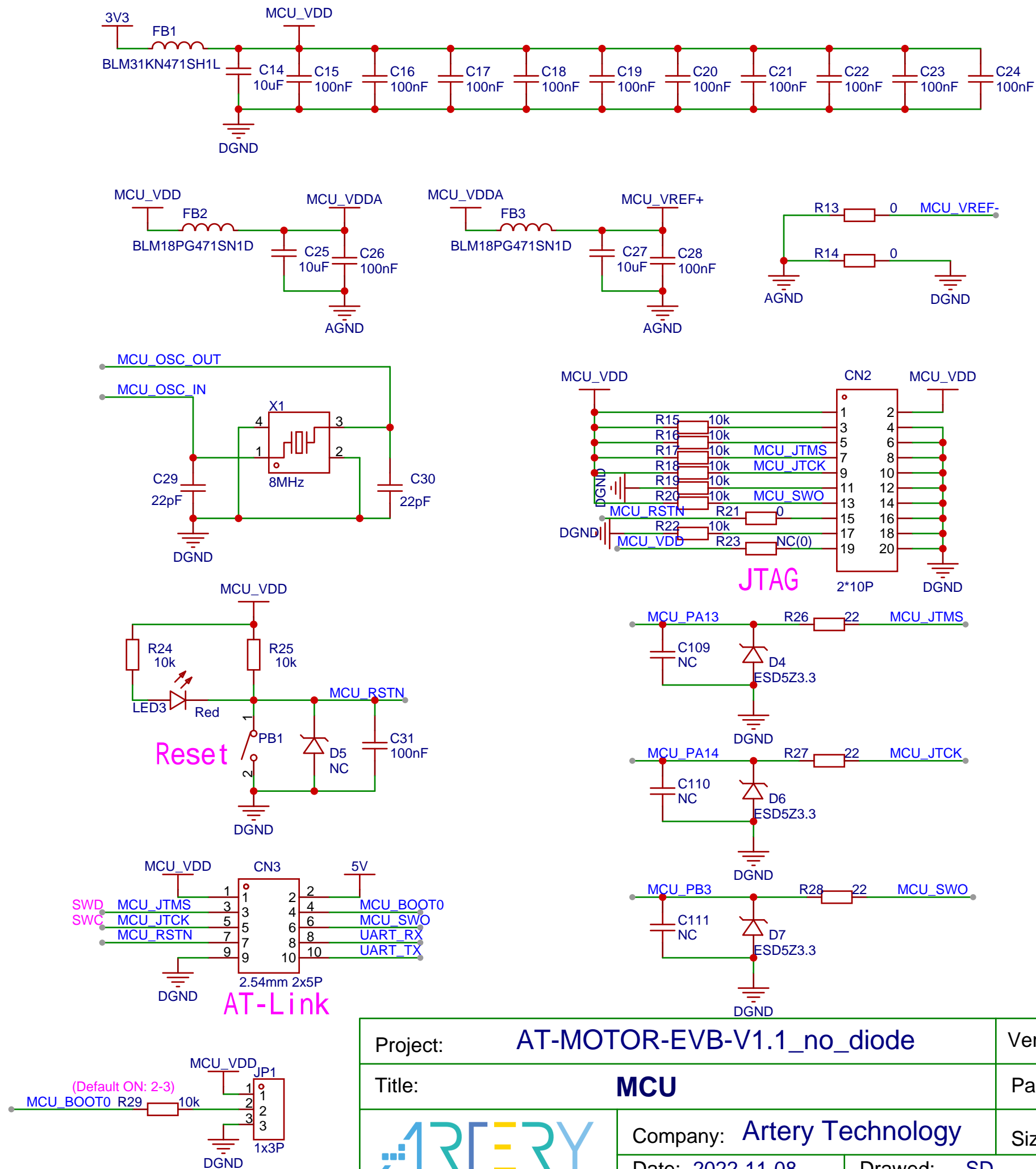
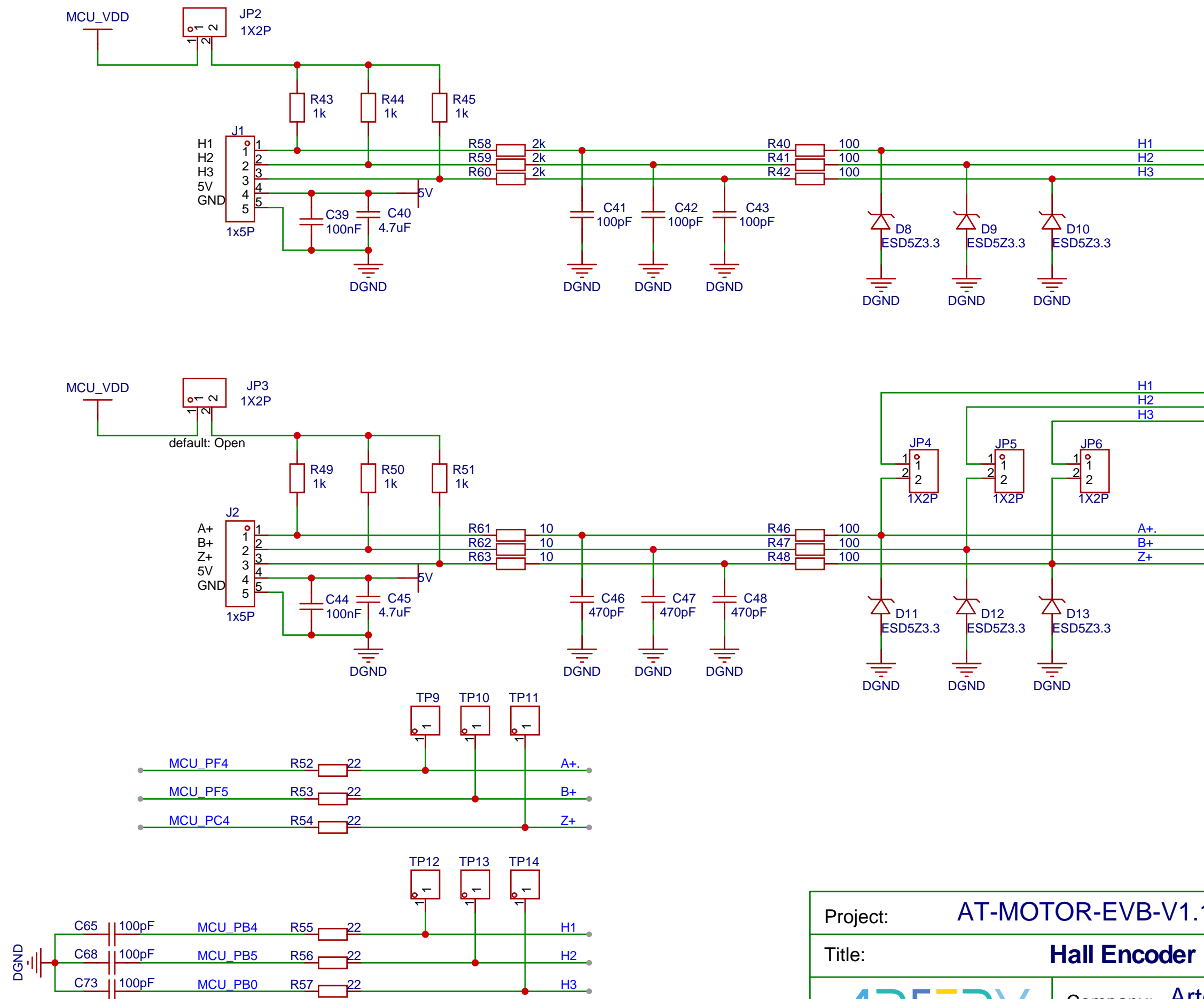



Project: AT-MOTOR-EVB-V1.1_no_diode		Ver: 1.1	
Title: System Power		Page: 1	
	Company: Artery Technology		Size: A4
	Date: 2022-11-08	Drawn: SD	

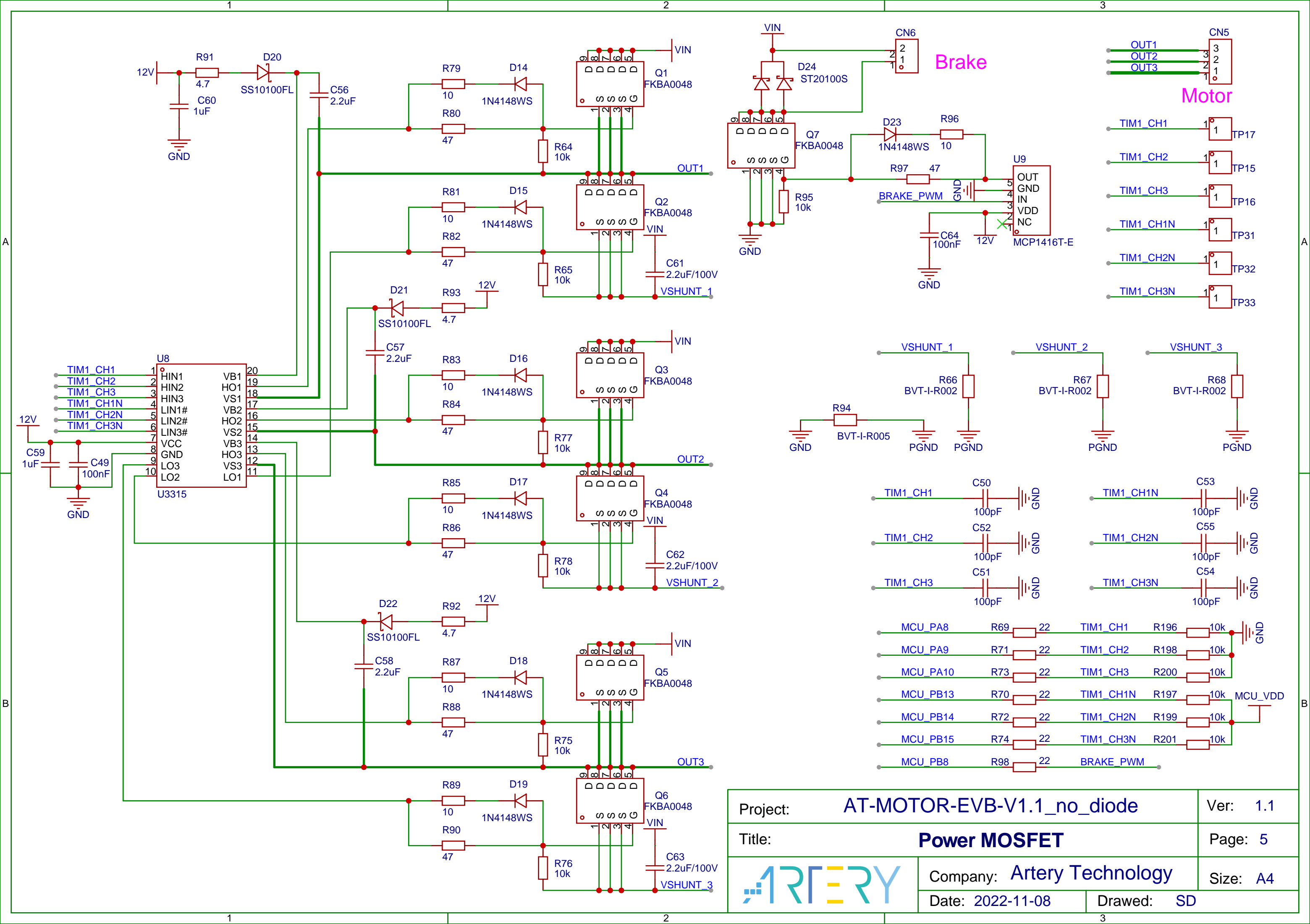
U4 Transfer-SUB-LQFP144			
MCU_PE2	1	PE2	VDD_3
MCU_PE3	2	PE3	VSS_3
MCU_PE4	3	PE4	PE1
MCU_PE5	4	PE5	PE0
MCU_PE6	5	PE6	PB9
MCU_VDD	6	VBAT	PB8
MCU_PC13	7	PC13	BOOT0
MCU_PC14	8	OSC32_IN	PB7
MCU_PC15	9	OSC32_OUT	PB6
MCU_PF0	10	PF0	PB5
MCU_PF1	11	PF1	PB4
MCU_PF2	12	PF2	PB3
MCU_PF3	13	PF3	PG15
MCU_PF4	14	PF4	VDD_11
MCU_PF5	15	PF5	VSS_11
DGND	16	VSS_5	PG14
MCU_VDD	17	VDD_5	PG13
MCU_PF6	18	PF6	PG12
MCU_PF7	19	PF7	PG11
MCU_PF8	20	PF8	PG10
MCU_PF9	21	PF9	PG9
MCU_PF10	22	PF10	PD7
MCU_OSC_IN	23	OSC_IN	PD6
MCU_OSC_OUT	24	OSC_OUT	VDD_10
MCU_RSTN	25	NRST	VSS_10
MCU_PC0	26	PC0	PD5
MCU_PC1	27	PC1	PD4
MCU_PC2	28	PC2	PD3
MCU_PC3	29	PC3	PD2
AGND	30	VSSA	PD1
MCU_VREF-	31	VREF-	PD0
MCU_VREF+	32	VREF+	PC12
MCU_VDDA	33	VDDA	PC11
MCU_PA0	34	PA0	PC10
MCU_PA1	35	PA1	PA15
MCU_PA2	36	PA2	PA14
MCU_PA3	37	PA3	VDD_2
DGND	38	VSS_4	VSS_2
MCU_VDD	39	VDD_4	NC
MCU_PA4	40	PA4	PA13
MCU_PA5	41	PA5	PA12
MCU_PA6	42	PA6	PA11
MCU_PA7	43	PA7	PA10
MCU_PC4	44	PC4	PA9
MCU_PC5	45	PC5	PA8
MCU_PB0	46	PB0	PC9
MCU_PB1	47	PB1	PC8
MCU_PB2	48	PB2	PC7
MCU_PF11	49	PF11	PC6
MCU_PF12	50	PF12	VDD_9
DGND	51	VSS_6	VSS_9
MCU_VDD	52	VDD_6	PG8
MCU_PF13	53	PF13	PG7
MCU_PF14	54	PF14	PG6
MCU_PF15	55	PF15	PG5
MCU_PG0	56	PG0	PG4
MCU_PG1	57	PG1	PG3
MCU_PE7	58	PE7	PG2
MCU_PE8	59	PE8	PD15
MCU_PE9	60	PE9	PD14
DGND	61	VSS_7	VDD_8
MCU_VDD	62	VDD_7	VSS_8
MCU_PE10	63	PE10	PD13
MCU_PE11	64	PE11	PD12
MCU_PE12	65	PE12	PD11
MCU_PE13	66	PE13	PD10
MCU_PE14	67	PE14	PD9
MCU_PE15	68	PE15	PD8
MCU_PB10	69	PB10	PB15
MCU_PB11	70	PB11	PB14
DGND	71	VSS_1	PB13
MCU_VDD	72	VDD_1	PB12

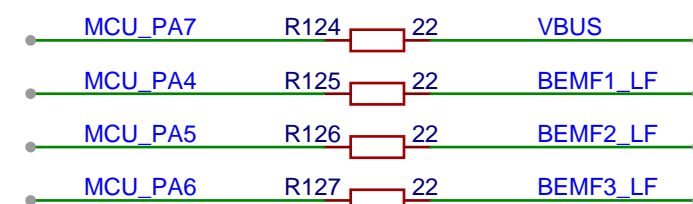
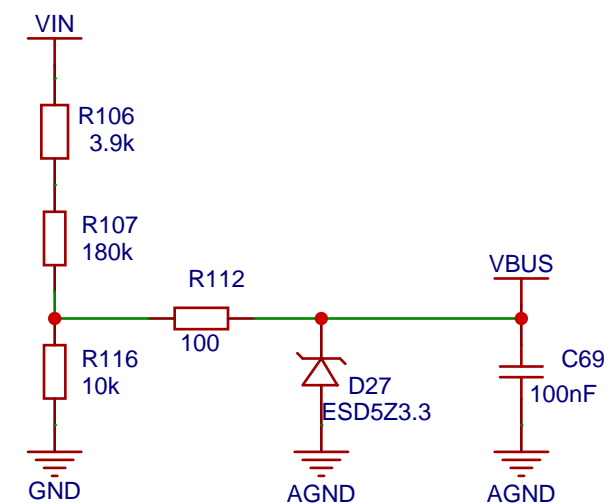
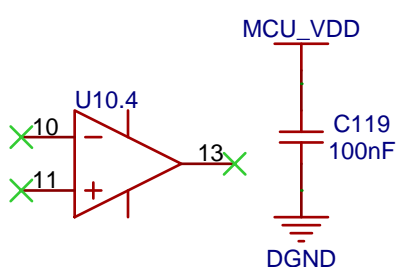
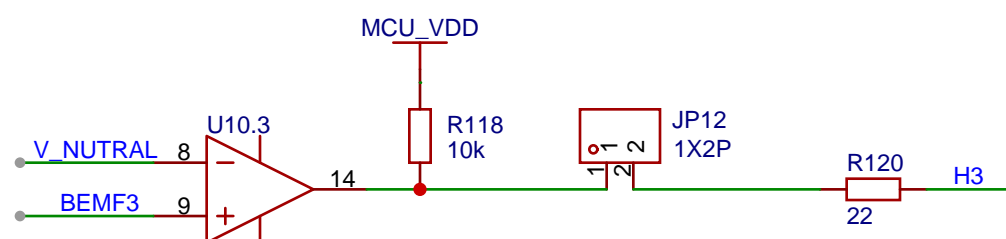
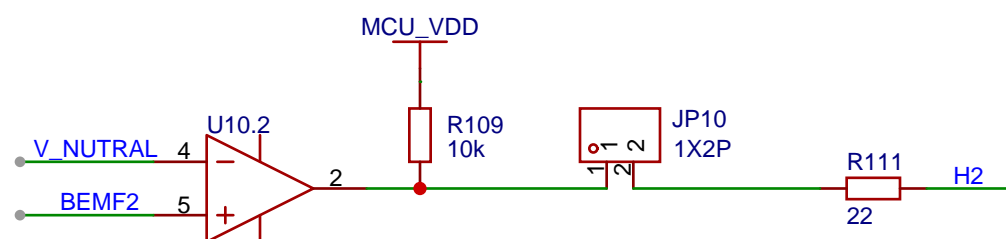
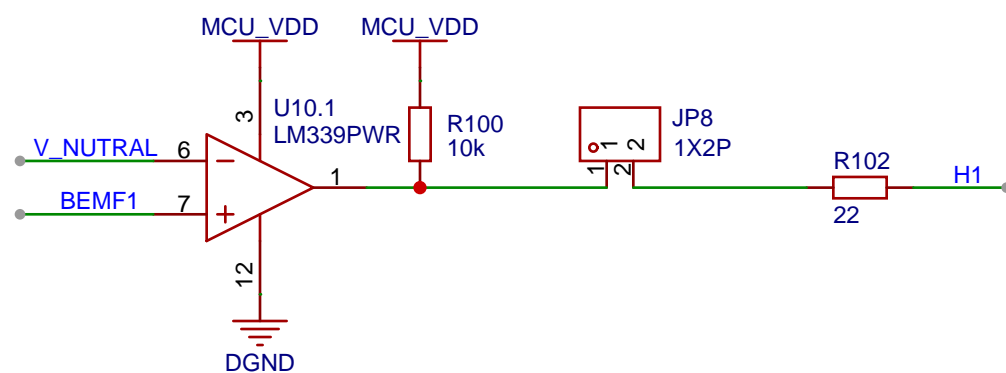
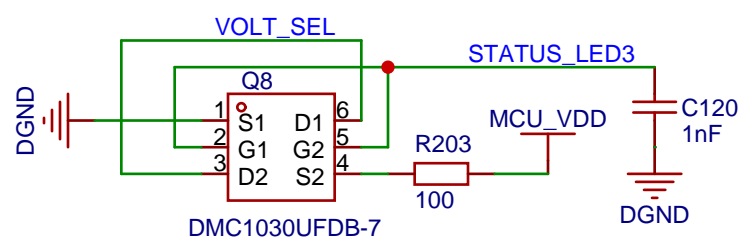
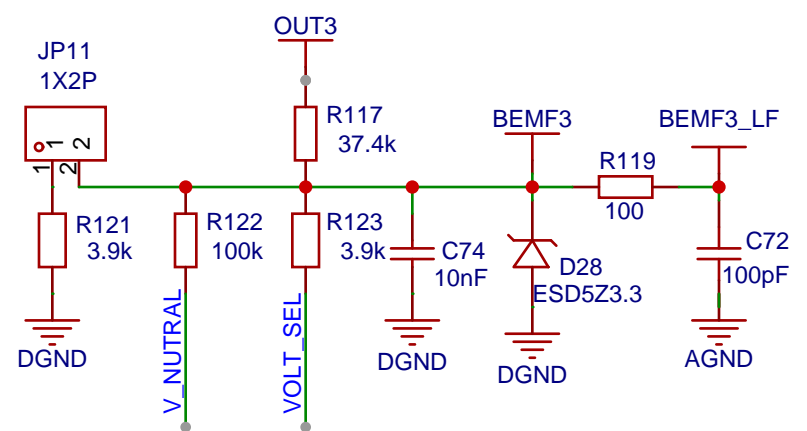
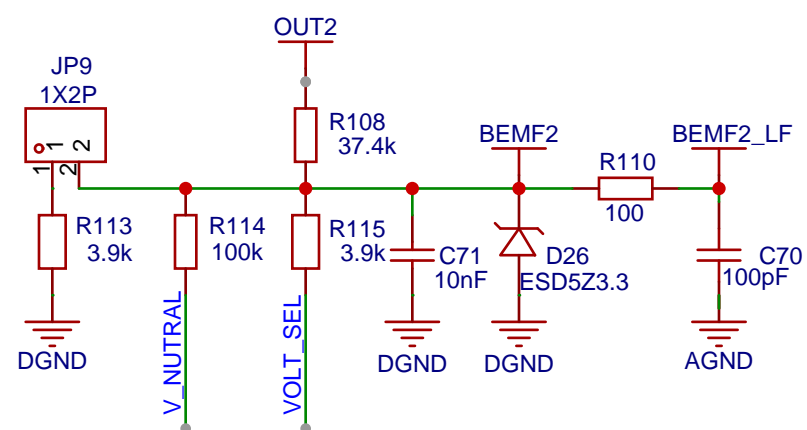
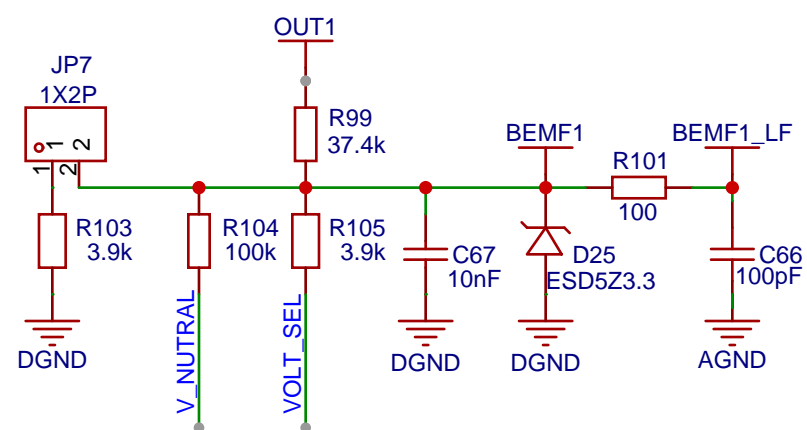





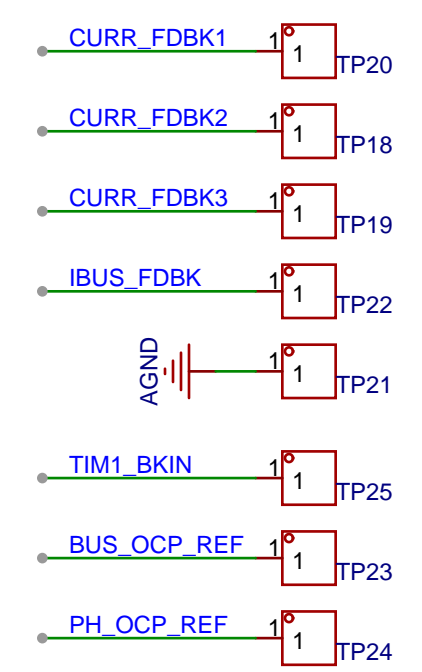
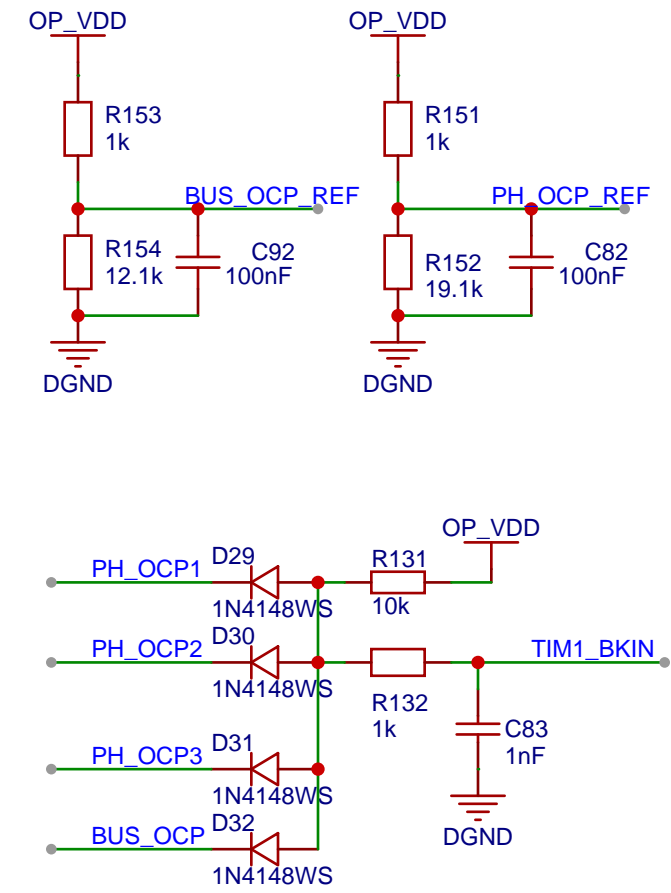
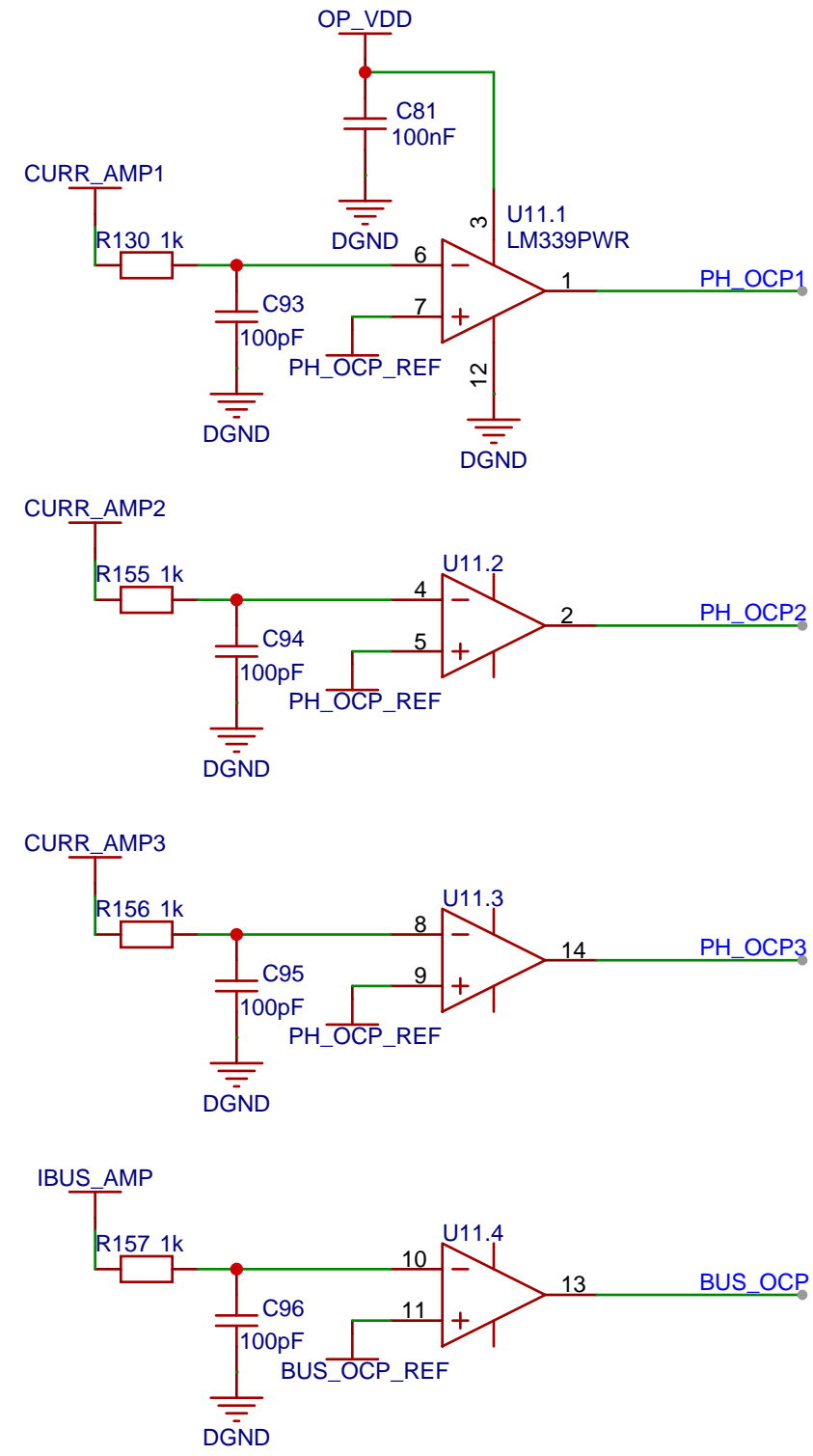
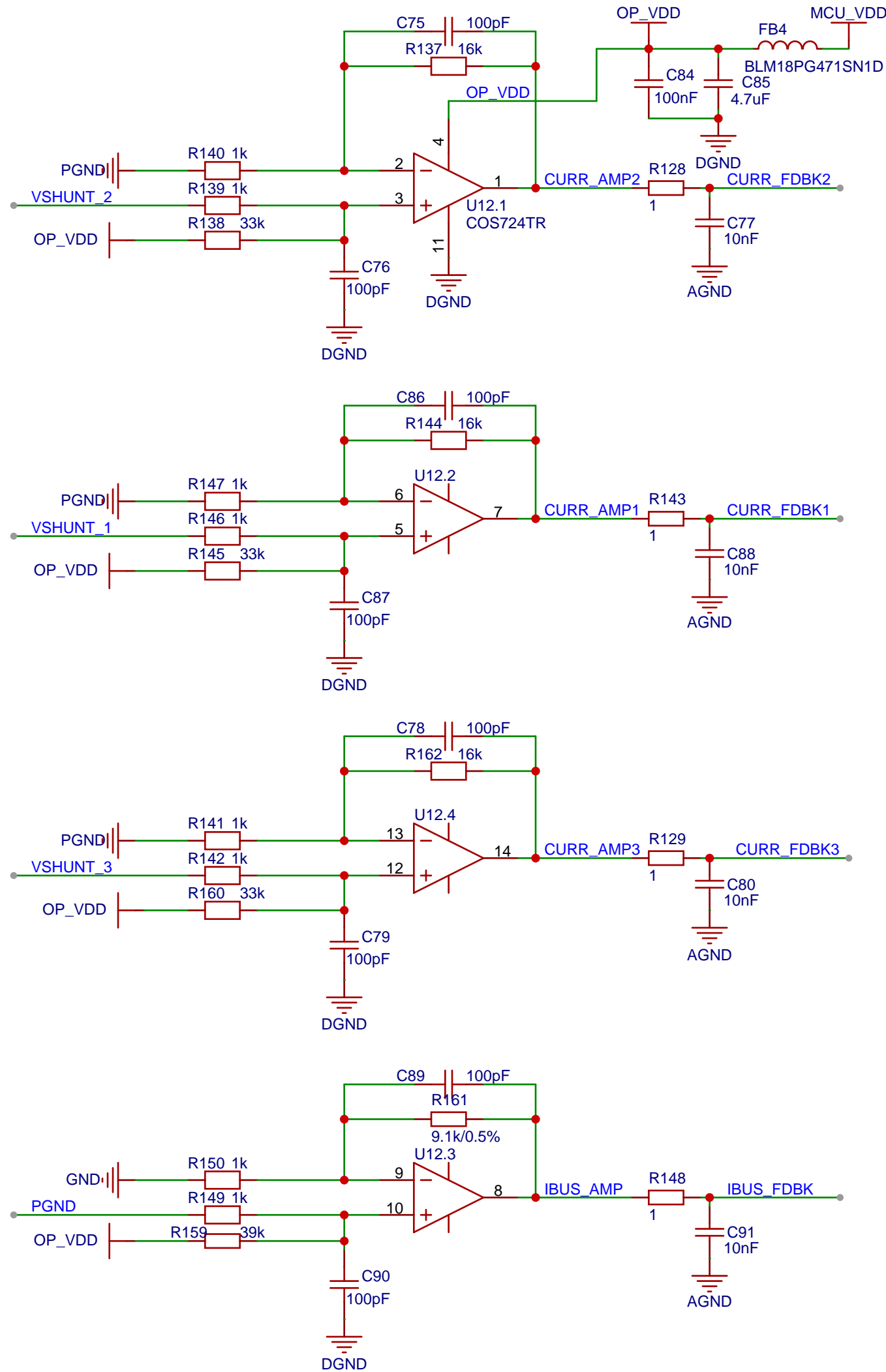


Project:	AT-MOTOR-EVB-V1.1_no_diode		Ver:	1.1
Title:	Hall Encoder		Page:	4
	Company: Artery Technology		Size: A4	
	Date: 2022-11-08	Drawn: SD		



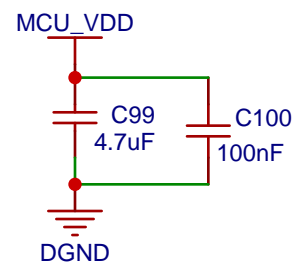
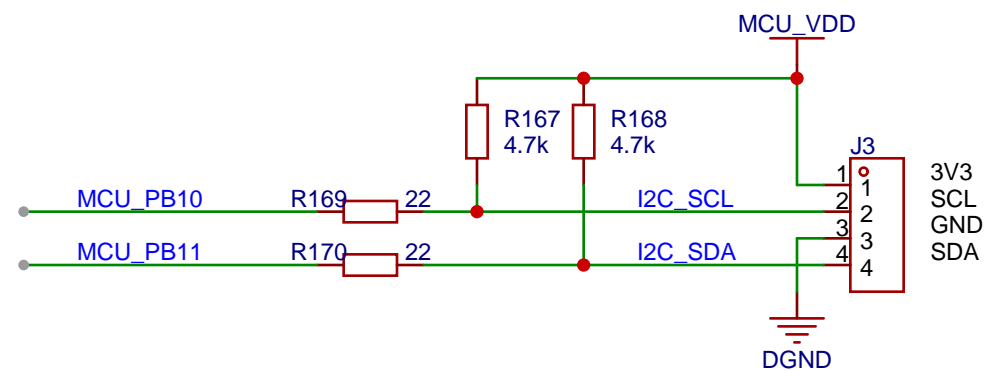


Project:	AT-MOTOR-EVB-V1.1_no_diode		Ver:	1.1
Title:	Voltage Feedback		Page:	6
	Company: Artery Technology		Size: A4	
	Date: 2022-11-08	Drawn: SD		

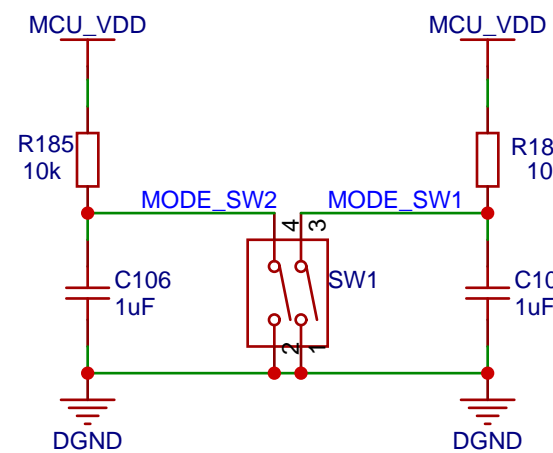
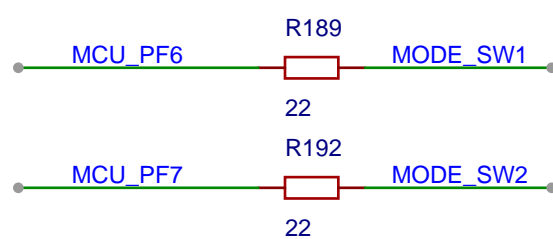
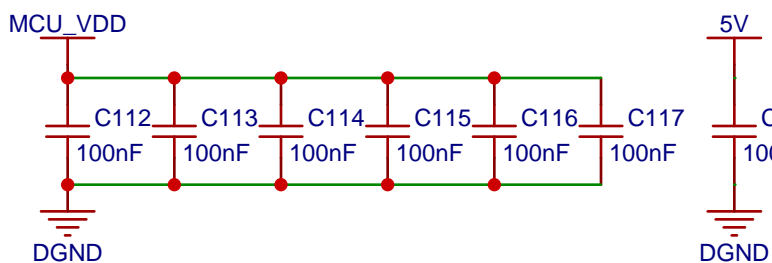
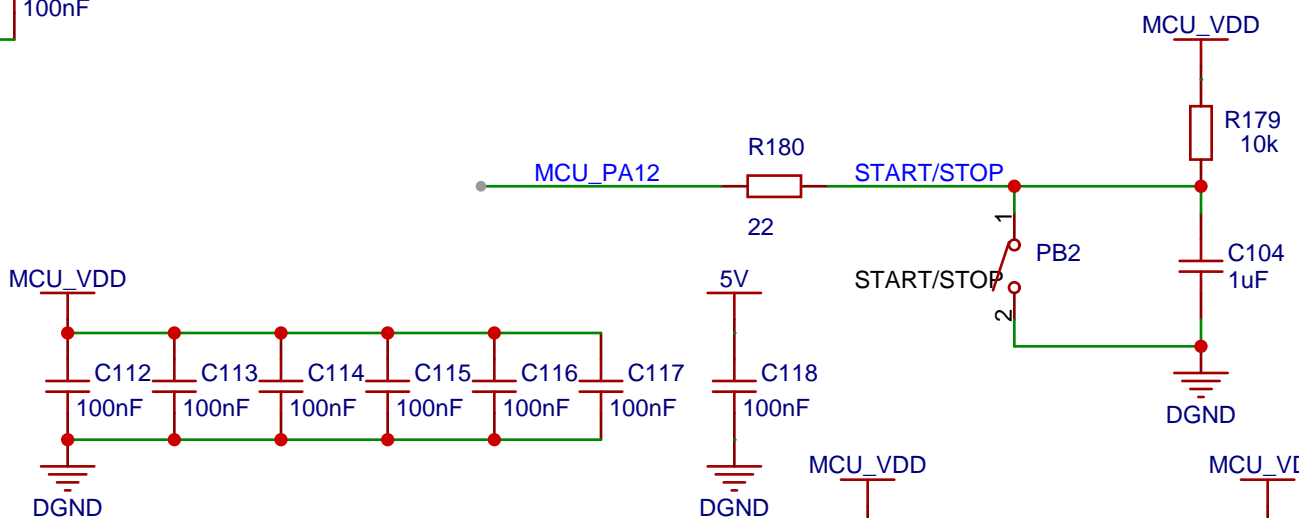
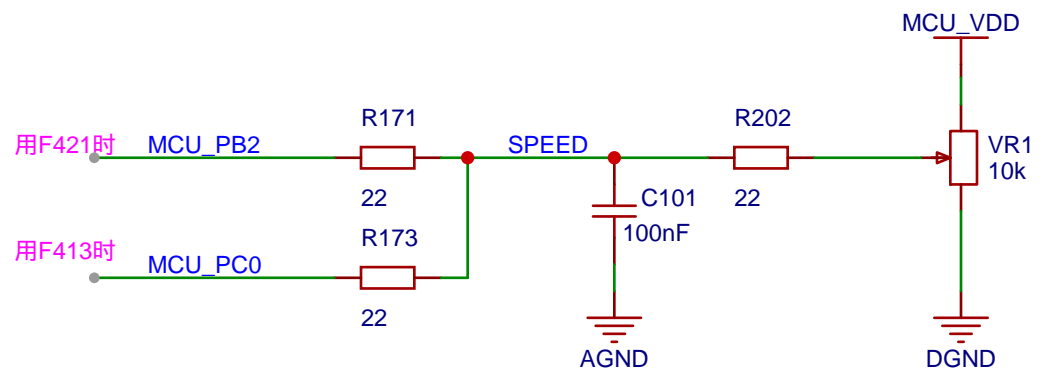
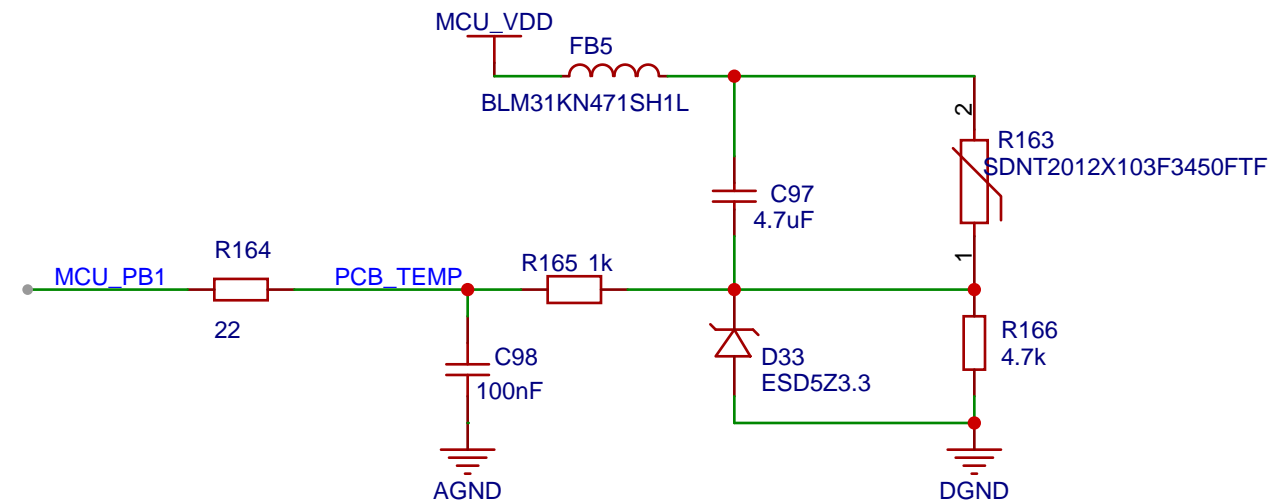
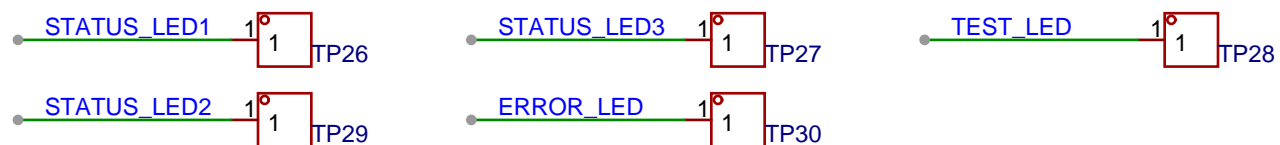
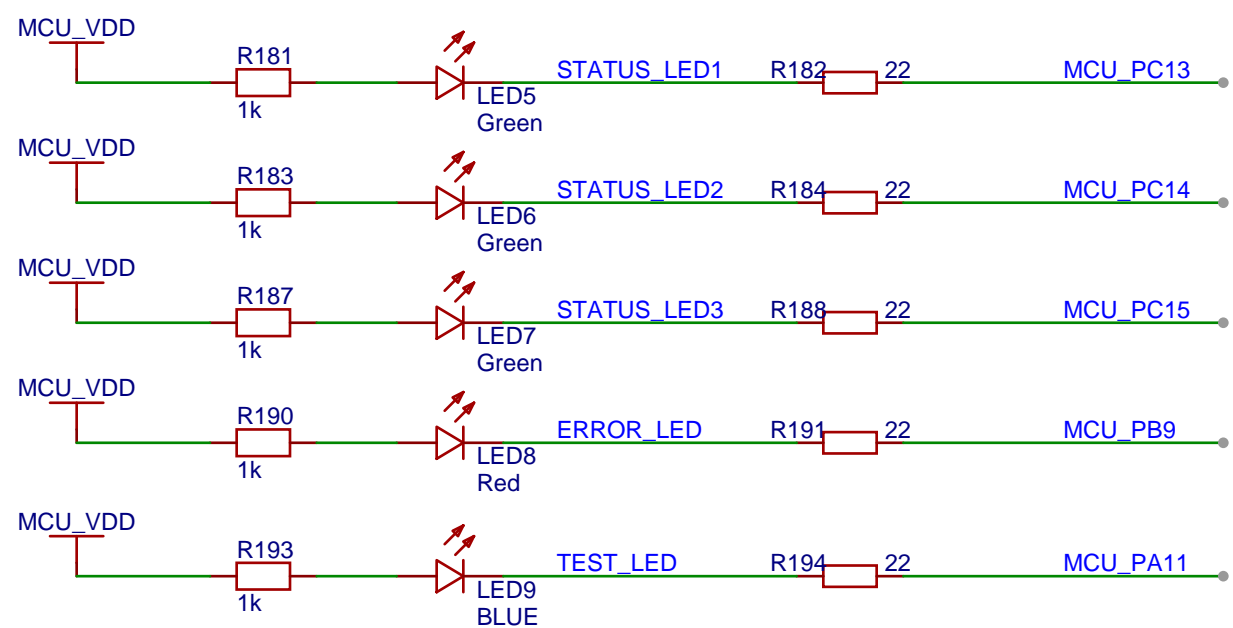
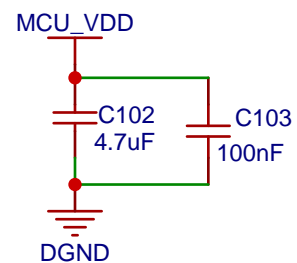
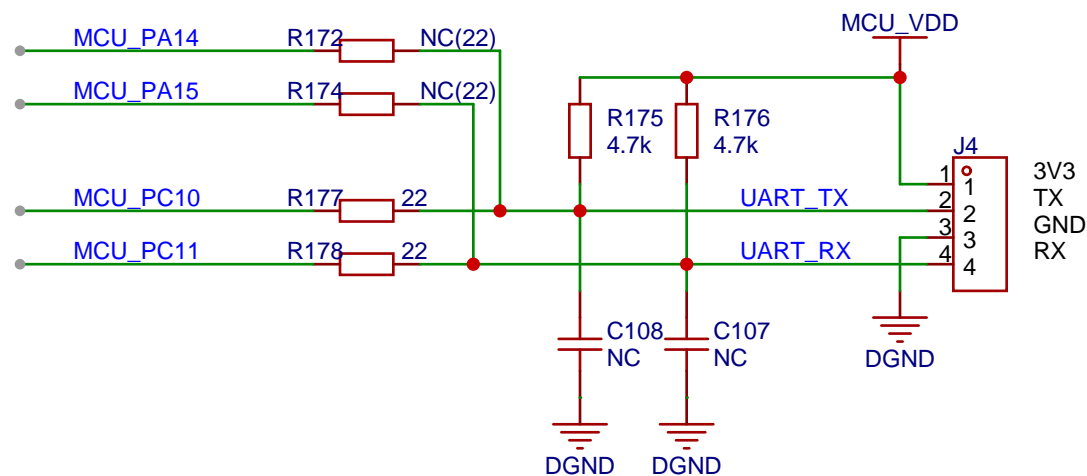



MCU_PB12	R133	22	TIM1_BKIN
MCU_PA0	R134	22	CURR_FDBK1
MCU_PA1	R135	22	CURR_FDBK2
MCU_PA2	R136	22	CURR_FDBK3
MCU_PA3	R158	22	IBUS_FDBK





用F421时将R177,R178处零件换到R172,R174处



Project:	AT-MOTOR-EVB-V1.1_no_diode		Ver:	1.1
Title:	Other		Page:	8
	Company: Artery Technology		Size: A4	
	Date: 2022-11-08	Drawn:	SD	