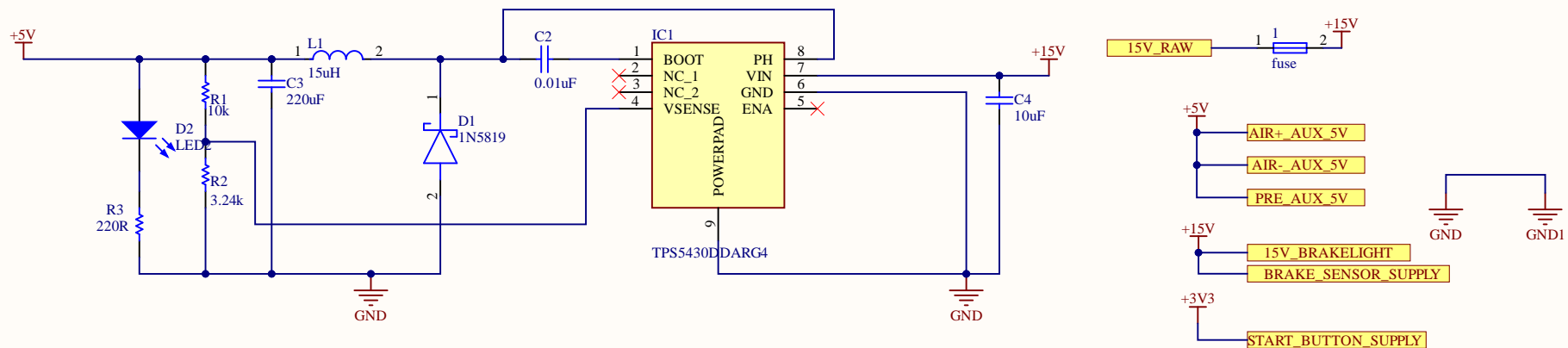
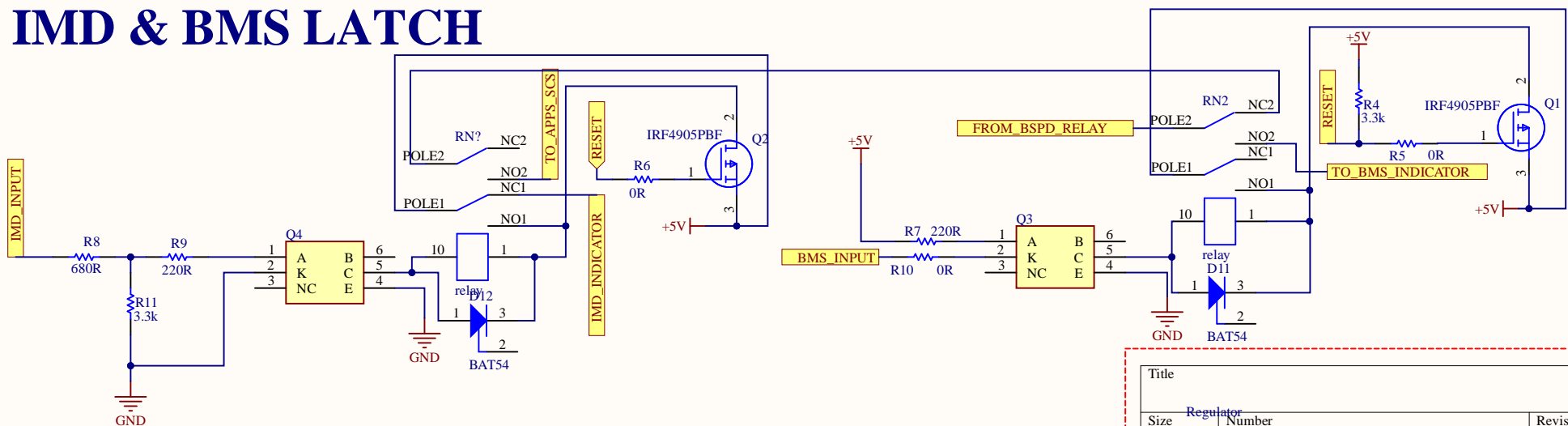


POWERSTAGE



IMD & BMS LATCH



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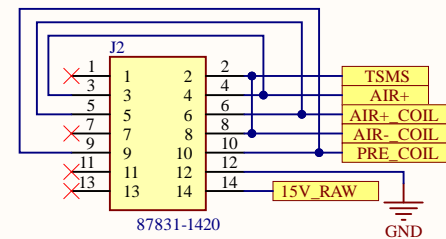
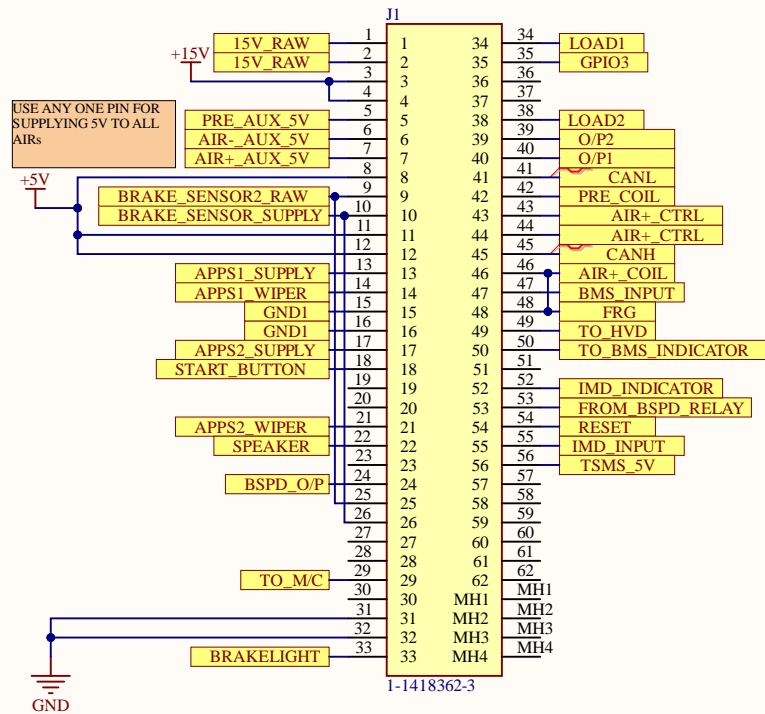
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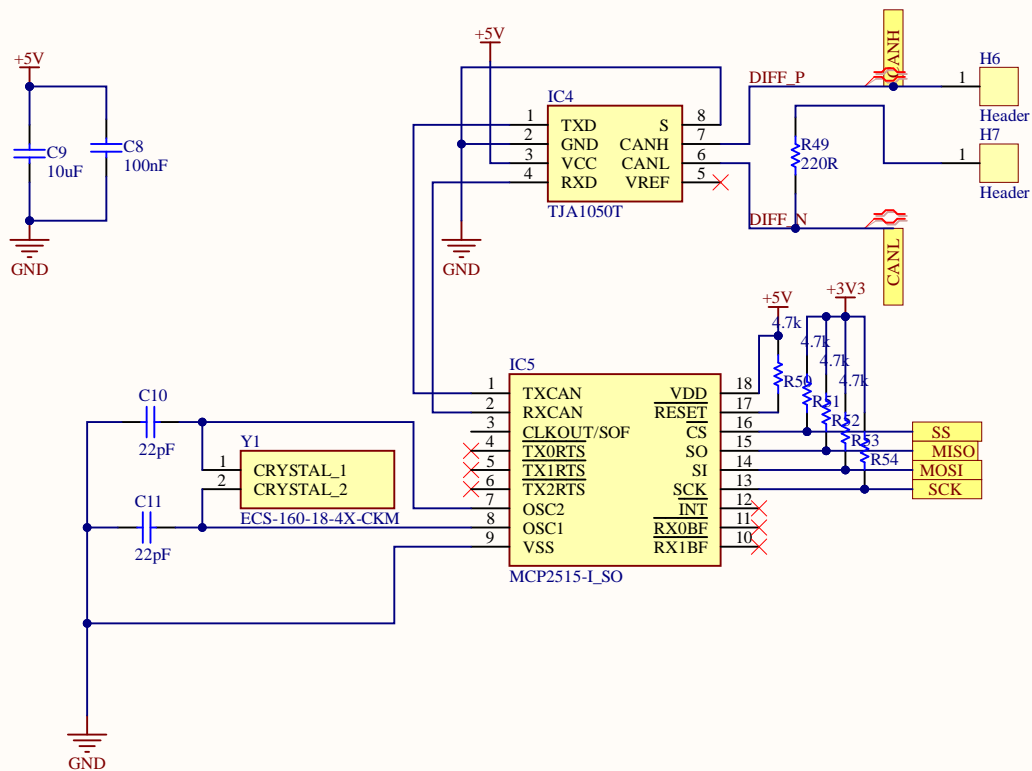
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CONNECTORS

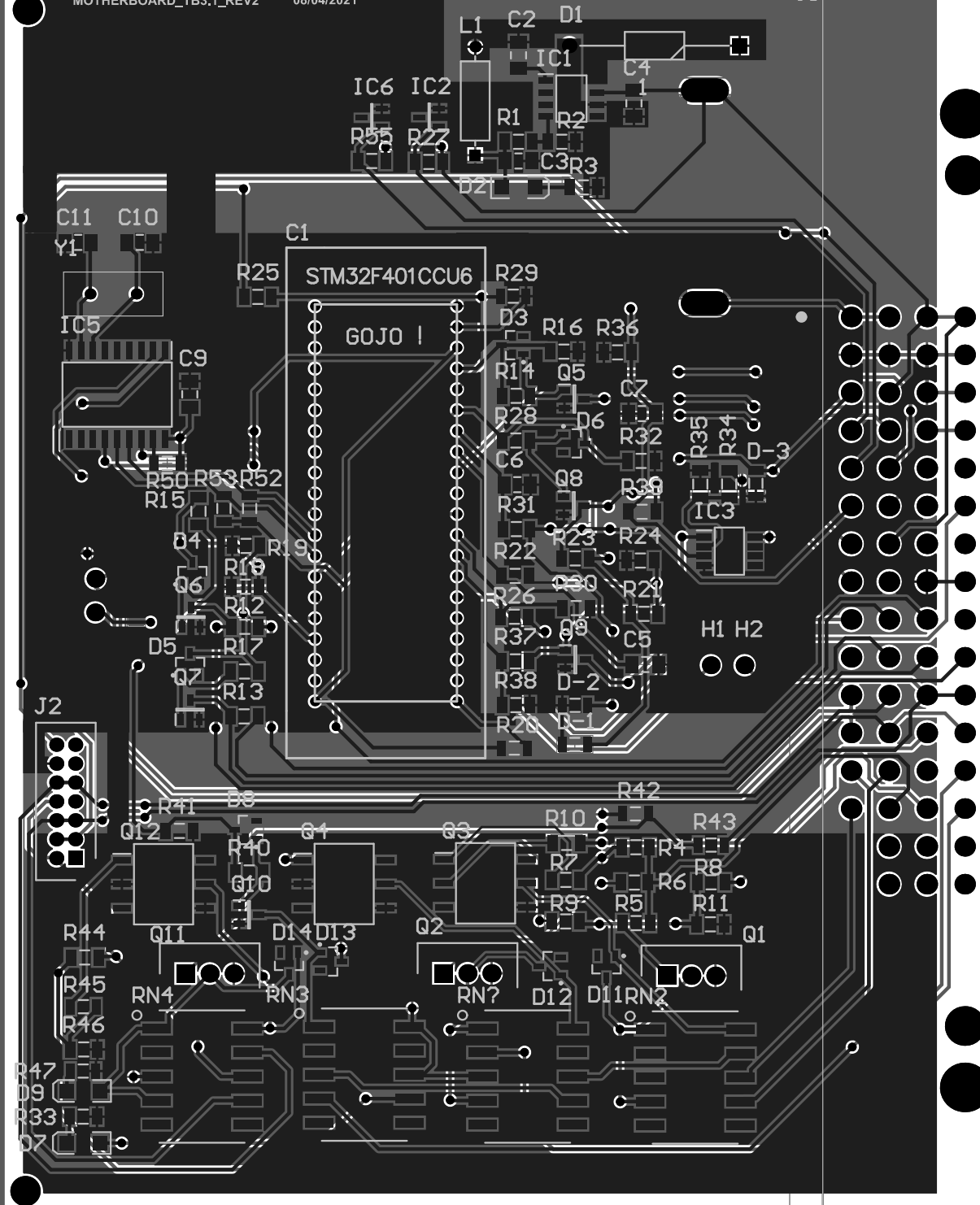


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CAN_MODULE



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Line #	Name	Description	Designator	Quantity	Manufacturer 1	Manufacturer Part Number 1	Manufacturer Lifecycle 1	Supplier 1	Supplier Part Number 1	Supplier Unit Price 1	Supplier Subtotal 1
	DR		R5, R6, R10	3							
	DR		R20	1							
	0.01uF	CAP, Ceramic, 0.1 uF, +/- 10%, 50 V, -55 to 125 degC, 1206 (3216 Metric), RoHS, Tape and Reel	C2	1							
	0.1uF	CAP, Ceramic, 0.1 uF, +/- 10%, 50 V, -55 to 125 degC, 1206 (3216 Metric), RoHS, Tape and Reel	C7	1							
	1-1418362-3	Connector	J1	1							
	1k		R25, R26, R35, R37	4							
	1N5819	Schottky Diode	D1	1							
	2N7002	MOSFET (N-Channel)	Q5, Q6, Q7, Q8, Q9, Q10	4							
	3.24k		R2	1							
	3.3k		R4, R11, R46	3							
	4.7k		R22, R31, R39	3							
	4.7k		R50, R51, R52, R53, R54	5							
	0k		R34	1							
	10k		R1, R16, R18, R19, R21, R24, R32, R41	8							
	10k		R42	1							
	10R		R28	1							
	10uF	CAP, Ceramic, 0.1 uF, +/- 10%, 50 V, -55 to 125 degC, 1206 (3216 Metric), RoHS, Tape and Reel	C4, C9	2							
	15uH	IR-2 10 10% B08	L1	1							
	22pF	CAP, Ceramic, 0.1 uF, +/- 10%, 50 V, -55 to 125 degC, 1206 (3216 Metric), RoHS, Tape and Reel	C10, C11	2							
	100k		R12, R13, R23	3							
	100nF	CAP, Ceramic, 0.1 uF, +/- 10%, 50 V, -55 to 125 degC, 1206 (3216 Metric), RoHS, Tape and Reel	C8	1							
	100R		R36	1							
	220R		R3, R7, R9, R14, R15, R17, R27, R40, R55	9							
	220R		R43, R45, R47	3							
	220R		R49	1							
	220uF	CAP, Ceramic, 0.1 uF, +/- 10%, 50 V, -55 to 125 degC, 1206 (3216 Metric), RoHS, Tape and Reel	C3	1							
	470R		R29	1							
	470R		R30, R38	2							
	680R		R8, R44	2							
	87831-1420	Connector	J2	1							
	BAT54	Silicon Schottky Diode, SOT23 Reel, Green	D3, D4, D5, D6, D8, D11, D12, D13, D14	9							
	C1206C104K5RACTU	CAP, Ceramic, 0.1 uF, +/- 10%, 50 V, -55 to 125 degC, 1206 (3216 Metric), RoHS, Tape and Reel	C5, C6	2							
	Component 1		C1	1							
	CRCW120647K0FKEA		R33	1							
	ECS-160-18-4X-CKM	Crystal or Oscillator	Y1	1							
	Fuse		T	1							
	Header		H1, H6, H7, H8	4							
	IRF4905PBF	MOSFET (P-Channel)	Q1, Q2, Q11	3							
	LED2	Typical RED, GREEN, YELLOW, AMBER GaAs LED	D2, D7, D9	3							
	LM358	Integrated Circuit	IC3	1							
	LM4040B2BZT	Integrated Circuit	IC2, IC6	2							
	MCP2251S-LSO	Integrated Circuit	IC5	1							
	MCT2ESM	Phototransistor	Q3, Q4, Q12	3							
	relay		RN2, RN3, RN4, RN7	4							
	TJA1050T	Integrated Circuit	IC4	1							
	TPD1E68060PLR		D-1, D-2, D-3	3							
	TPS5430DDARG4	Integrated Circuit	IC1	1							