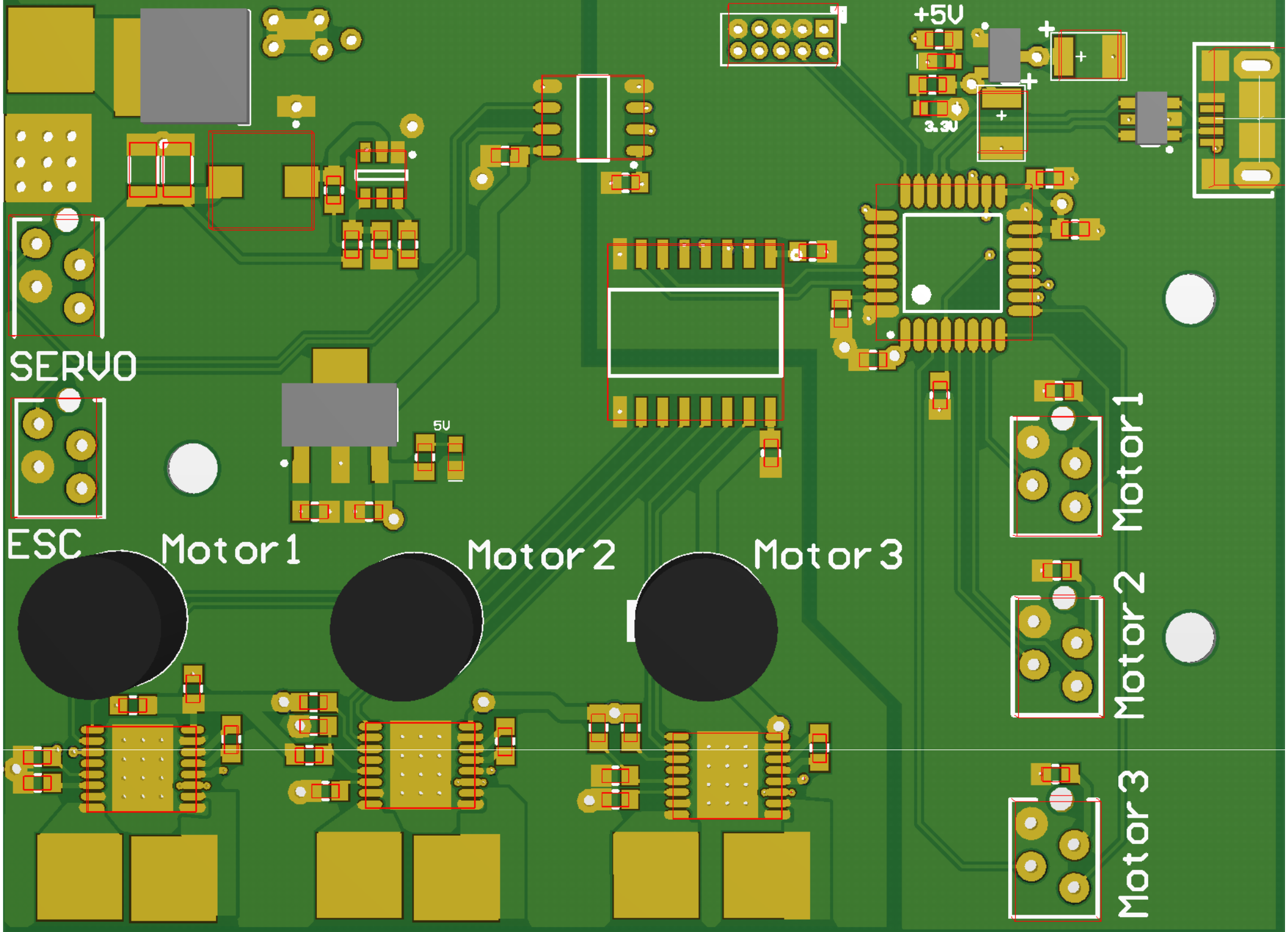
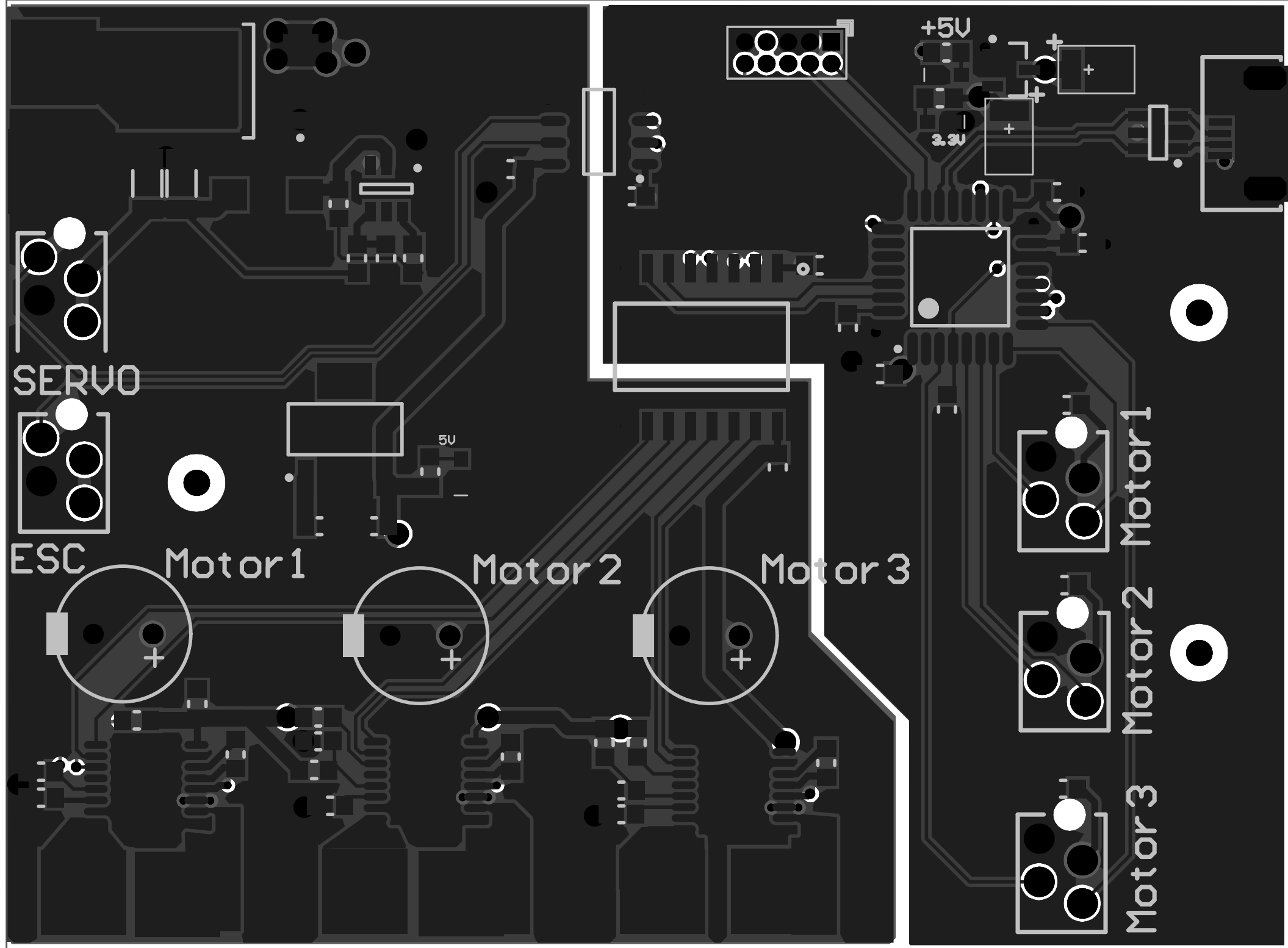
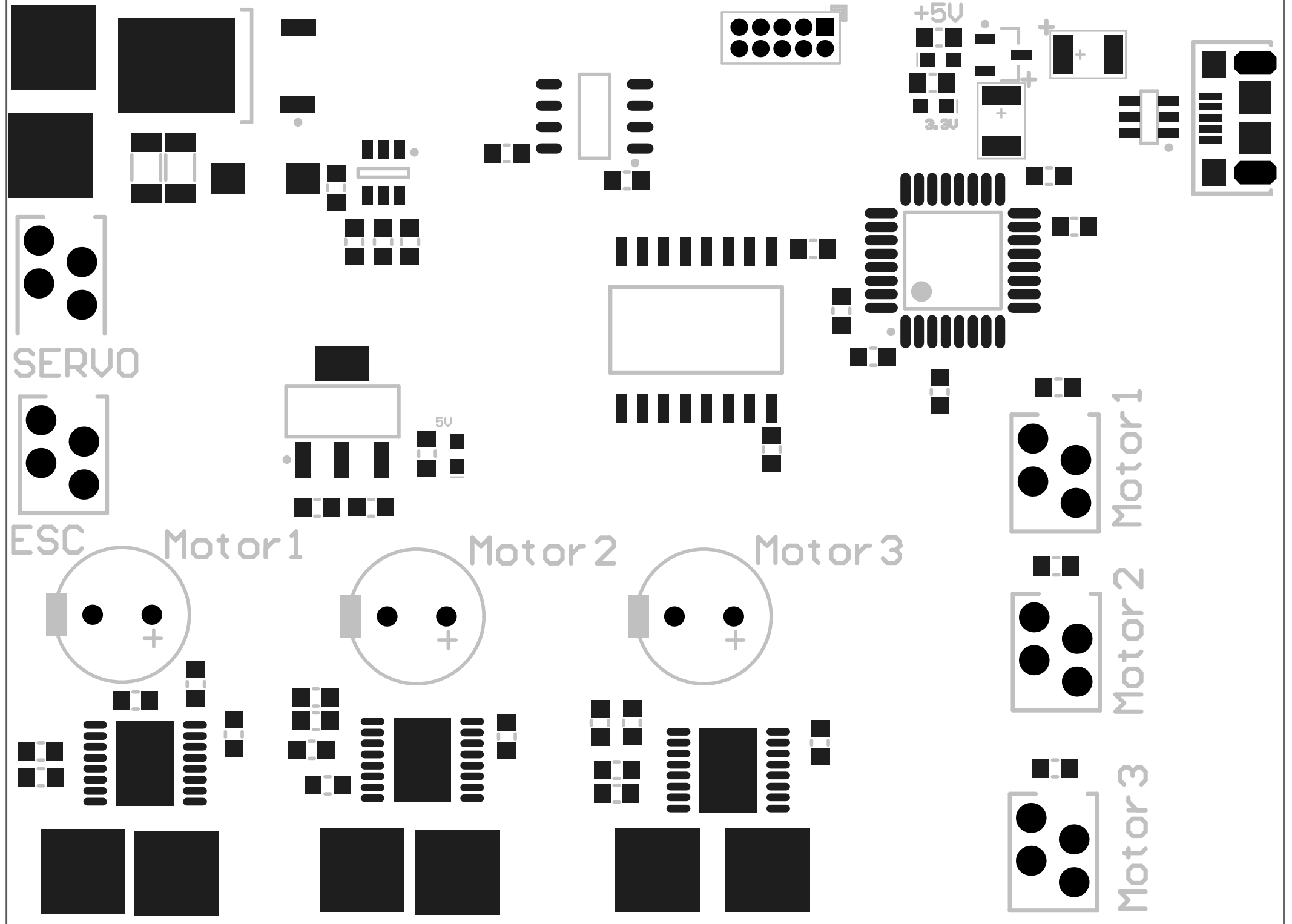


Comment	Description	Designator	Footprint	LibRef	Quantity
10*uf	Generic Capacitor, credits for 3D models: Mike Tripoli	C1	C0603	CMP-e3upc6qrfvzp101p-yy-8	1
0.1*uf	Generic Capacitor, credits for 3D models: Mike Tripoli	C2, C3, C4, C7, C8, C11, C12, C14, C15, C17, C20, C23, C24, C26, C27	C0603	CMP-e3upc6qrfvzp101p-yy-8	15
HEMET T491B105K035AT	1uF Solid MnO2 Tantalum Electrolytic Capacitor; 35 V dc +/-10%, T491 Series	C5, C6	PCB-nufcmxklsjmb7p-hwvww-1	CMP-adct64c4dc97208-f	2
Panasonic EEU-FM1E47L1	Capacitor; Aluminum Electrolytic Cap 470uF; Tol 20%; Vol-Rtg 25 VDC; Radial	C9, C18, C21	Capacitor	CMP-6b23a0732647b4e4-2	3
100*nF	Generic Capacitor, credits for 3D models: Mike Tripoli	C10, C16, C22, C28, C31	C0603	CMP-e3upc6qrfvzp101p-yy-8	5
22*nF	Generic Capacitor, credits for 3D models: Mike Tripoli	C13, C19, C25	C0603	CMP-e3upc6qrfvzp101p-yy-8	3
22*uf	Generic Capacitor, credits for 3D models: Mike Tripoli	C29, C32	C1206	CMP-e3upc6qrfvzp101p-yy-8	2
10*uf	Generic Capacitor, credits for 3D models: Mike Tripoli	C30, C33	C1206	CMP-e3upc6qrfvzp101p-yy-8	2
connection pad ZK3mm	pad 2x3 mm	con1, con2, con3, con4, con5, con6, con7, con8	PCB-lux5vzv9k8qf0jyea-m-1	CMP-n8eq51q9ya5jkjg6-ums5-3	8
Dialight 598-8070-107F	Led; 0603 5mt Led, Green, Alingap, Water Clear Lens, 140 Deg Viewing Angle	D1, D2, D3	PCB-Suwk2xd6chnjs8e-hct71-1	CMP-dc4c254b98bc338b-4	3
FCI 1011B192-0001UF	Conn Micro USB RCP 5 POS 0.65mm Solder RA SMD 5 Terminal 1 Port Embossed T/R	J1	PCB-yd8dgjav9oe4job-fng-1	CMP-1e6b64cc67c8021-5	1
Bourns SRP5030T-5R6M	Inductor Power Shielded/Molded Wirewound 5.6uH 20% 100KHz Powdered Iron 4.254-Gsm30hm DCR T/R	L1	PCB-hdjycynw6xn5uru8eff-1	CMP-4d6ca5f0d7c8b2ab-1	1
TE Connectivity / AMP 215079-4	Conn FFC Connector F 4 POS 1.27mm Solder ST Thru-Hole Automotive Reel	P1, P3, P4, P5, P6	PCB-Kxob87au0l0zzbrv-lwa-1	CMP-5d83a490a6f7b244-5	5
Samtec FTSH-105-D1-L-D	CLEAR GLOVE BX 100 M - More	P2	PINHEAD_2X05_127	CMP-4667845-3	1
ON Semiconductor FDD6685	MOSFET Transistor, P Channel, -40 A, -30 V, 0.014 ohm, -10 V, -1.8 V	Q1	INF-PG-T0252-3-T1_M	CMP-1302d0e83a1ccc5-2	1
5.1K	Generic Resistor, EU symbol, credits for 3D models: Mike Tripoli	R1, R2, R19	R0603	CMP-hbfzudi508nk54pa-np5s-4	3
10K	Generic Resistor, EU symbol, credits for 3D models: Mike Tripoli	R3, R7, R8, R12, R18	R0603	CMP-hbfzudi508nk54pa-np5s-4	5
100K	Generic Resistor, EU symbol, credits for 3D models: Mike Tripoli	R4, R5, R9, R10, R13, R14	R0603	CMP-hbfzudi508nk54pa-np5s-4	6
1.5K	Generic Resistor, EU symbol, credits for 3D models: Mike Tripoli	R6, R11, R15	R0603	CMP-hbfzudi508nk54pa-np5s-4	3
30	Generic Resistor, EU symbol, credits for 3D models: Mike Tripoli	R16	R0603	CMP-hbfzudi508nk54pa-np5s-4	1
52.3K	Generic Resistor, EU symbol, credits for 3D models: Mike Tripoli	R17	R0603	CMP-hbfzudi508nk54pa-np5s-4	1
LM2937MP-5.0/NOPB	500 mA Low Dropout Regulator, 4-pin SOT-223, Pb-Free	U1	MP04A_L	CMP-0062-01757-3	1
STMicroelectronics USBLC6-25C6	USBLC Series 2 Line 6 V Uni / Bi-Directional ESD Protection - SOT-23-6	U2	SOT95P280X145-6N	CMP-756eb39126caa9-8	1
Texas Instruments ISO7760DWR	High Speed, Robust EMC Six-Channel Digital Isolators 16-SOIC-55 to 125	U3	PCB-ttzcQ283jj4s37wu-a64-1	CMP-78db395d75da04-a-1	1
MCPI701AT-1302/VCB	2.1A Low-Dropout Positive Voltage Regulator, 3-Pin SOT-23A, Industrial Temperature, Tape and Reel	U4	SOT-23A-CB3_L	CMP-1501331-2	1
STMicroelectronics STM32G431K8T6	Mainstream Arm CORTEX-M4 Core W1	U5	PCB-roa9pse9auwlf5bq-7cm-1	CMP-333afc16528ecfd-2	1
Texas Instruments DRV8874PWPR	38-V, 6-A H-bridge motor driver with integrated current sensing & feedback 16-HTSSOP -40 to 125	U6, U7, U8	PCB-45177wetpwrcknh-443-1	CMP-1644d0c2f6c9d013-7	3
3WM-11cd913bf49ce08-1	General Purpose tal Isolator 2500Vrms 2 Channel 150Mbps 35kV/us CMT1 B-SOIC (0.154, 3.90mm Width)	U9	PCB-426mnsna8ae4mo-ta3g5-1	CMP-11cd913bf49ce08-1	1
Texas Instruments	4.5-V to 24-V input	U10	PCB-gq8lm18h5jhll	CMP-bcda73dc089a	1







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