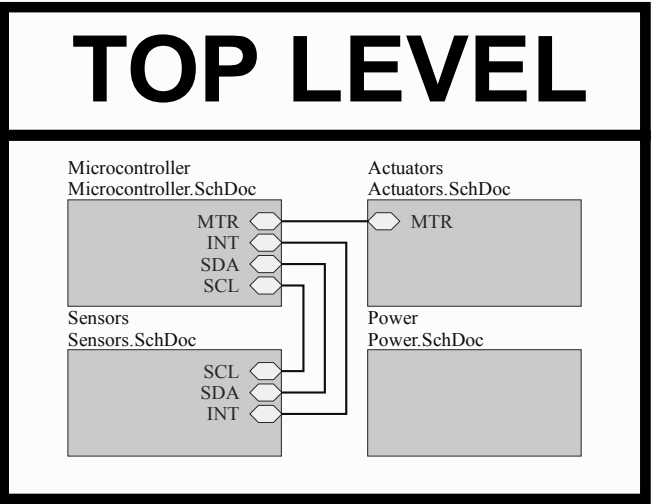
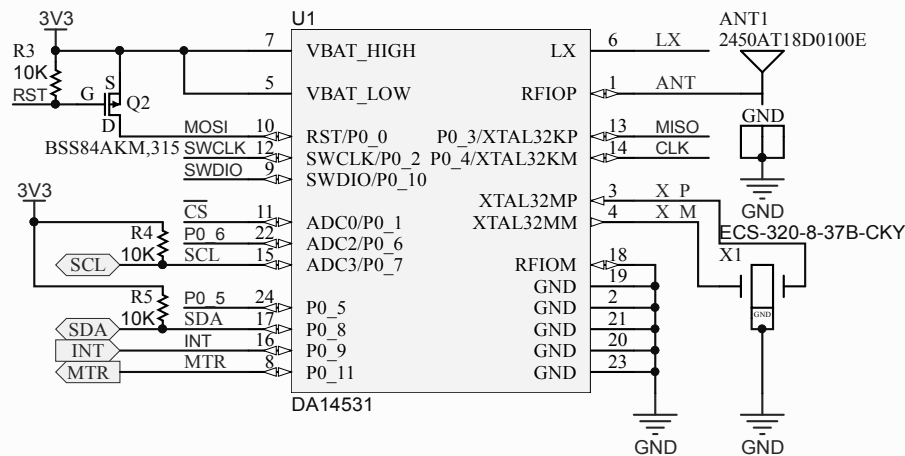


MAIN

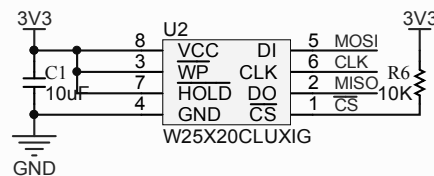


MICROCONTROLLER

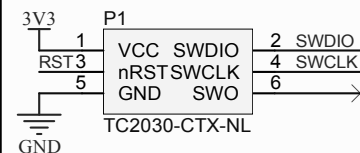
BLE



MEMORY

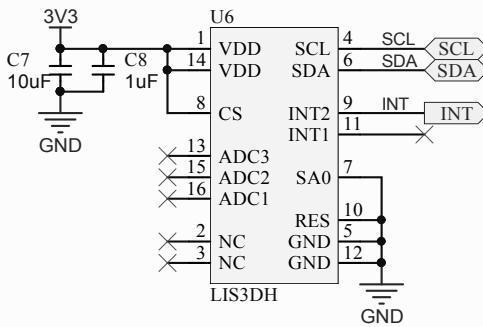


JTAG



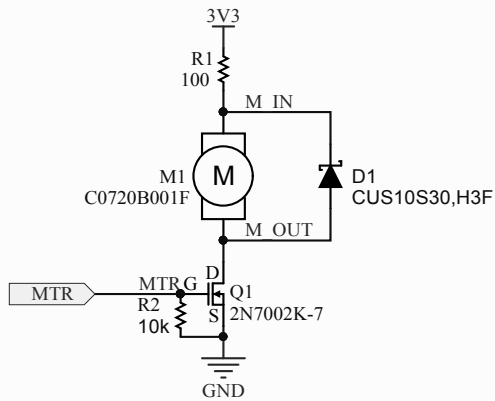
SENSORS

ACCELEROMETER



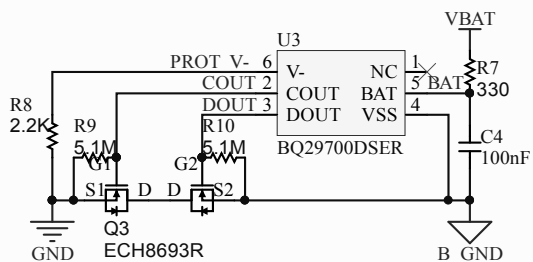
ACTUATORS

ERM

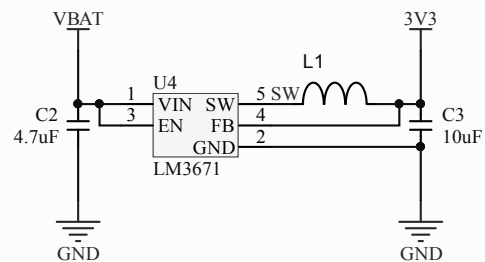


POWER

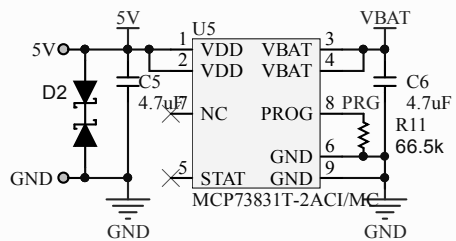
PROTECTION



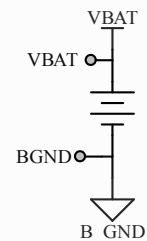
BUCK

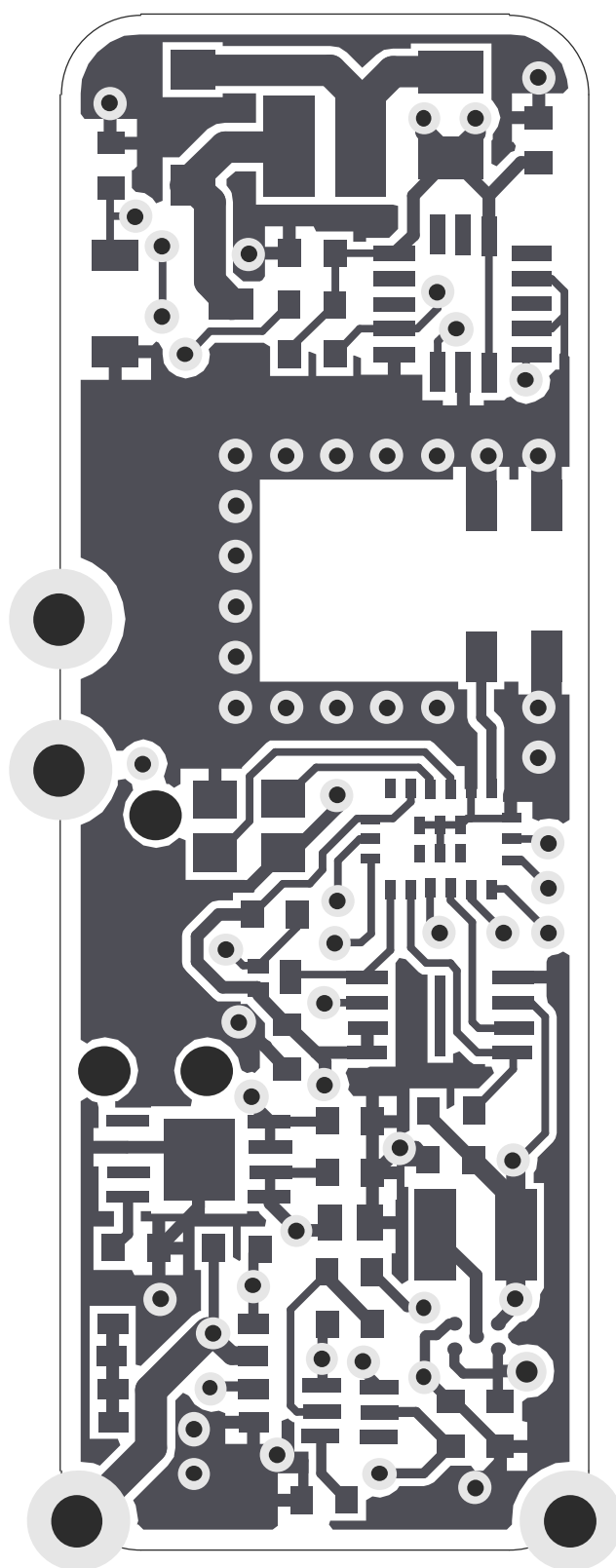


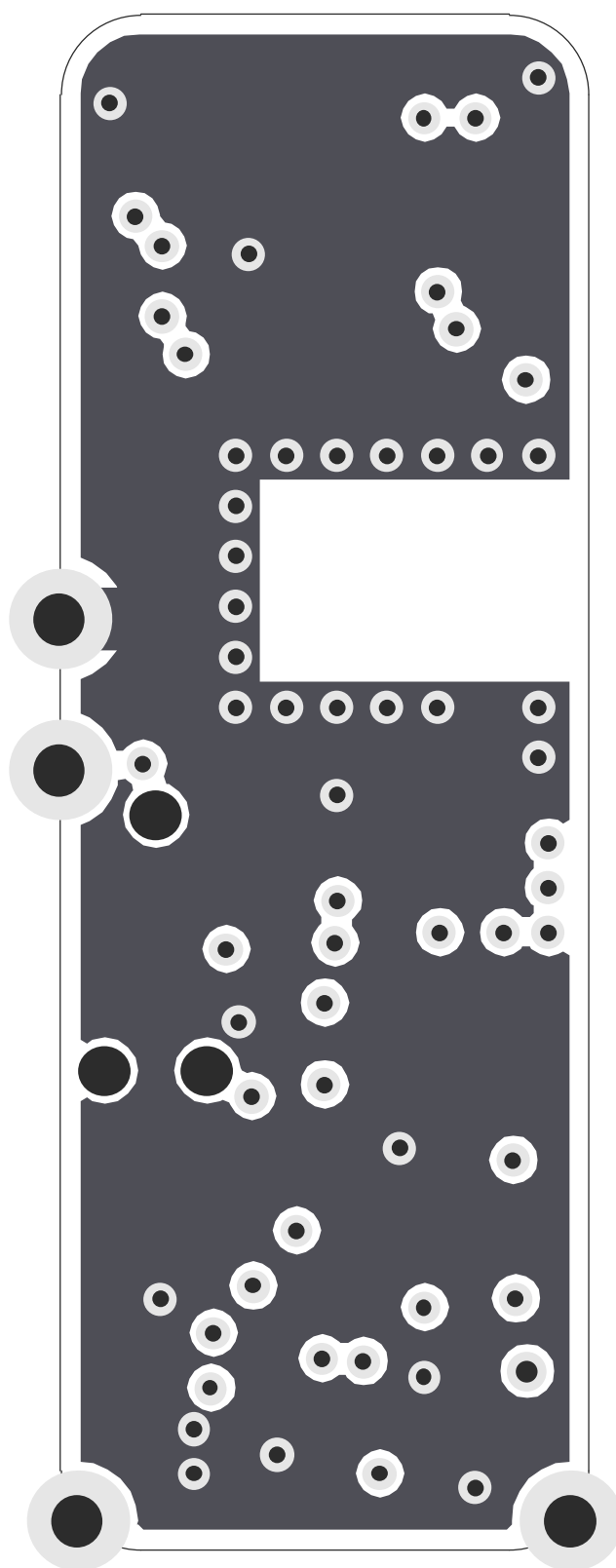
CHARGER

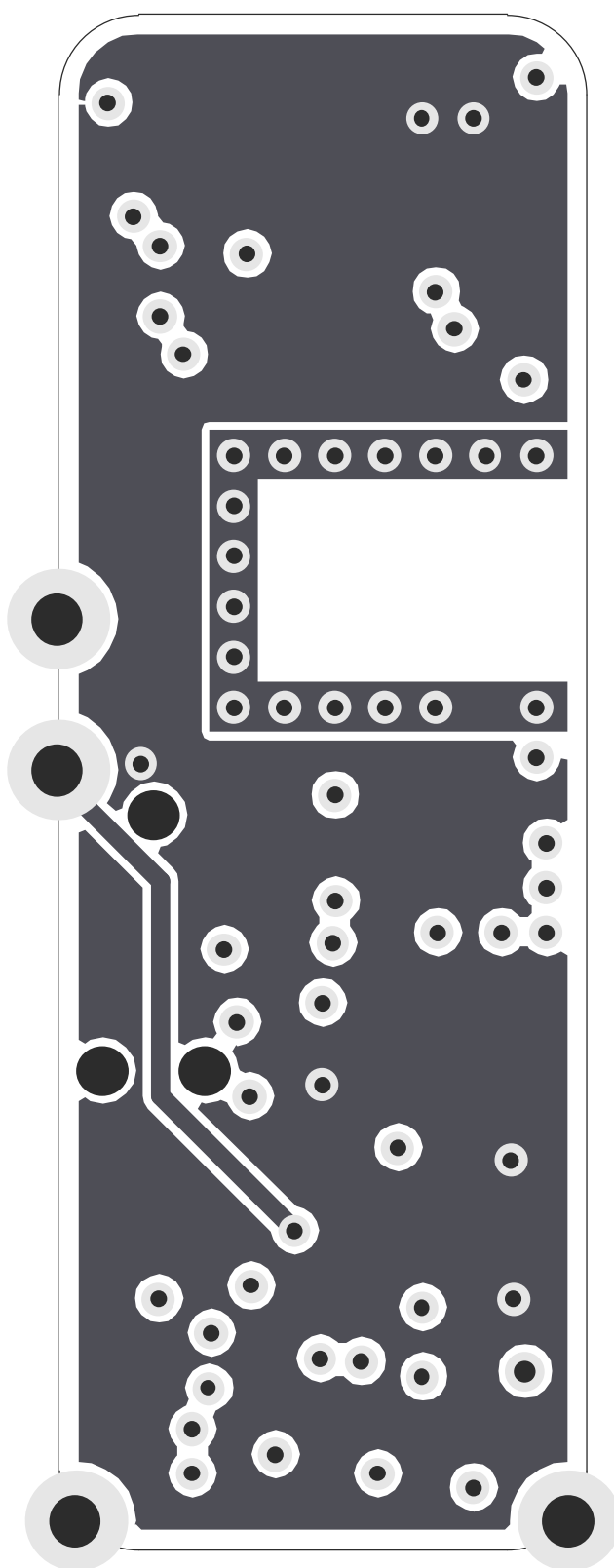


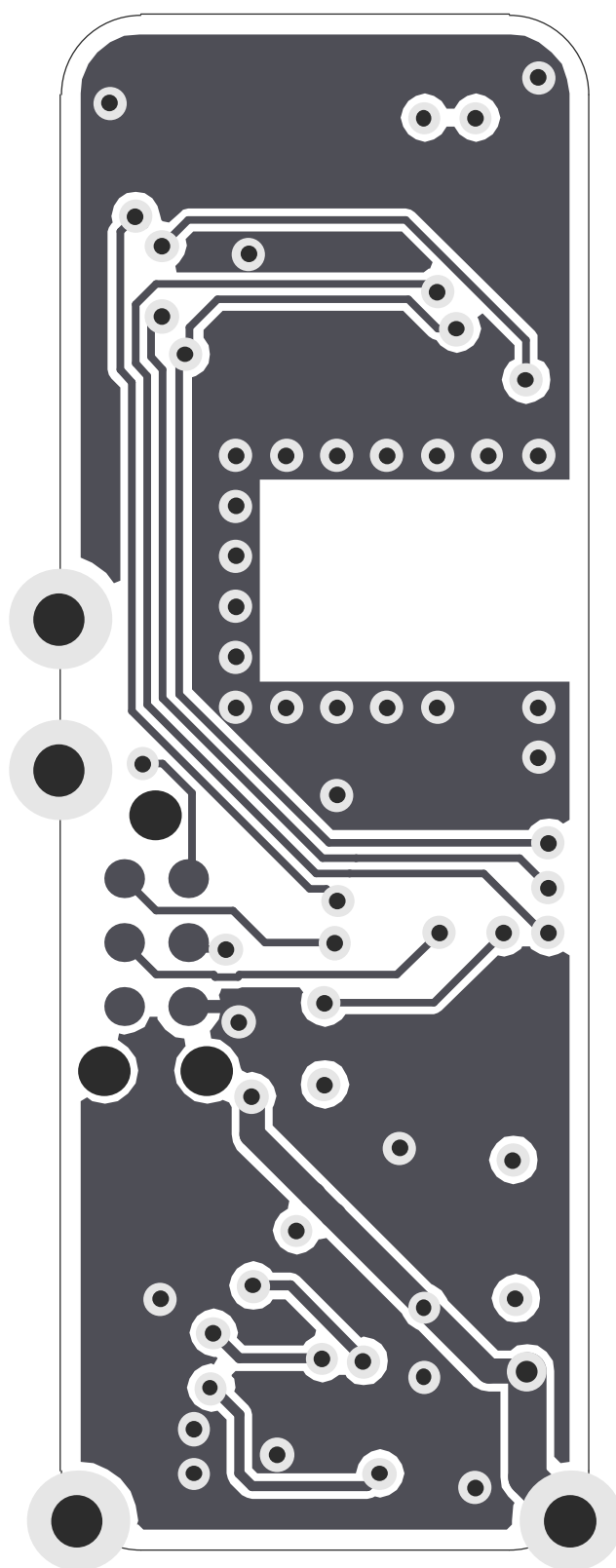
BATTERY

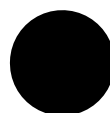
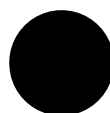
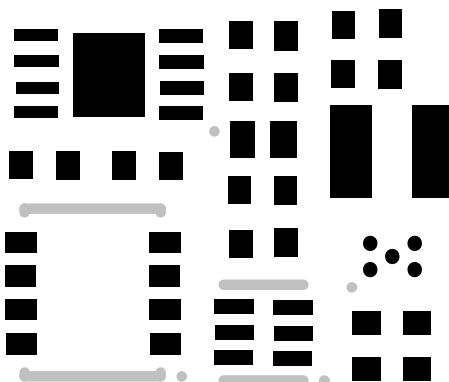
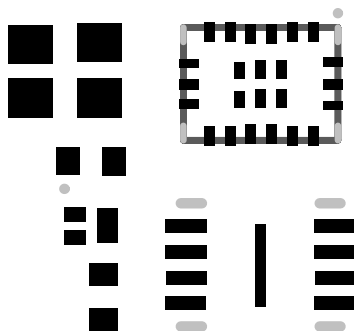
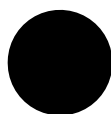
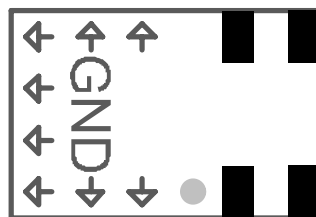
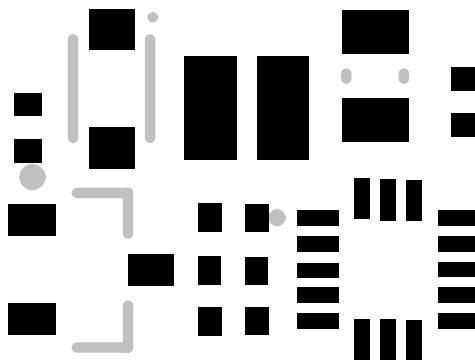












Quantity	Comment	Description
5	10k	0402 Resistor
3	10uF	0402 Capacitor
3	4.7uF	0402 Capacitor
2	5.1M	0402 Resistor
1	2450AT18D0100E	2450AT18D0100E 2.4GHz Chip RF Antenna 2.4GHz ~ 2.5GHz 1.5dBi Solder Surface Mount
1	100nF	0402 Capacitor
1	1uF	0402 Capacitor
1	CUS10S30,H3F	CUS10S30,H3F Diode Schottky 30V 1A Surface Mount USC
1	D5V0L1B2LP4-7B	D5V0L1B2LP4-7B 14V Clamp 6A (8/20μs) Ipp Tvs Diode Surface Mount X2-DFN1006-2
1	CIGT201610EH2R2MNE	CIGT201610EH2R2MNE 2.2μH Unshielded Thin Film Inductor 2.5A 87mOhm Max 0806 (2016 Metric)
1	C0720B001F	C0720B001F DC Motor Vibration, ERM 10000 RPM 3VDC
1	2N7002K-7	2N7002K-7 MOSFET N-CH 60V 380MA SOT23-3
1	BSS84AKM,315	BSS84AKM,315 MOSFET P-CH 50V SOT883
1	ECH8693R	Mosfet Array 2 N-Channel (Dual) Common Drain 24V 14A 1.4W Surface Mount SOT-28FL/ECH8
1	100Ohm	0805 Resistor
1	6.8k	0402 Resistor
1	330Ohm	0402 Resistor
1	2.2K	0402 Resistor
1	DA14531	DA14531 IC RF TxRx + MCU Bluetooth Bluetooth v5.1 2.4GHz 24-WFQFN, FC
1	W25X20CLUXIG	W25X20CLUXIG FLASH Memory IC 2Mb (256K x 8) SPI 104MHz 8-USON (2x3)
1	BQ29700DSER	Battery Battery Protection IC Lithium-Ion/Polymer 6-WSON (1.5x1.5)
1	LM3671	LM3671 IC REG BUCK 3.3V 0.6A SYNC 5USMD
1	MCP73831T-2ACI/MC	MCP73831T-2ACI/MC Charger IC Lithium-Ion/Polymer
1	LIS3DH	LIS3DH ACCEL 2-16G I2C/SPI 16LGA
1	ECS-320-8-37B-CKY	ECS-320-8-37B-CKY CRYSTAL 32.0000MHZ 8PF SMD