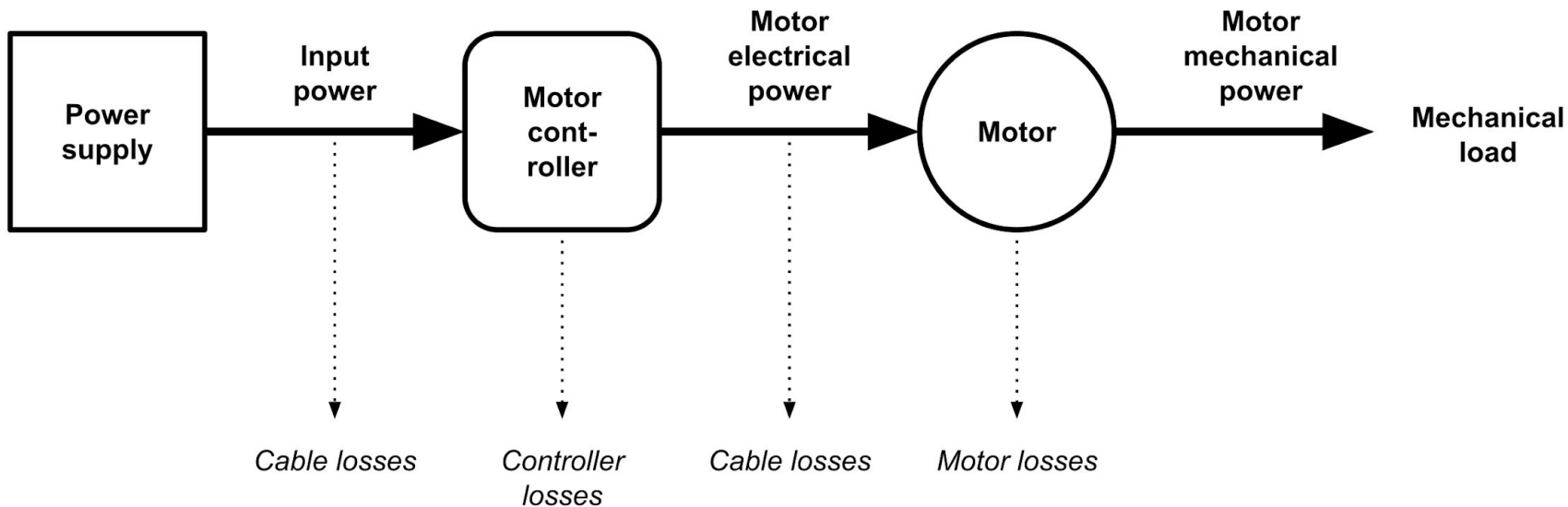
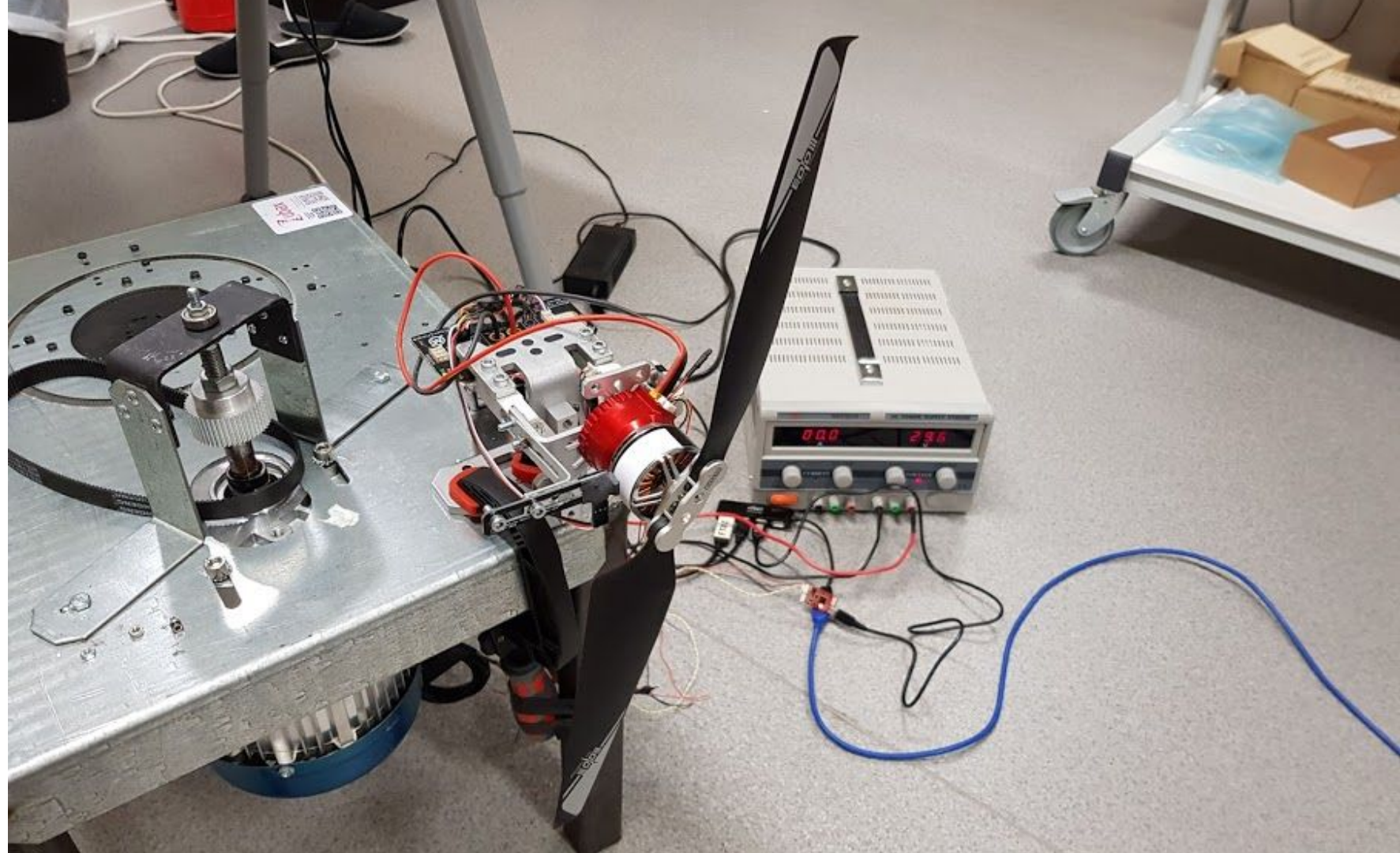


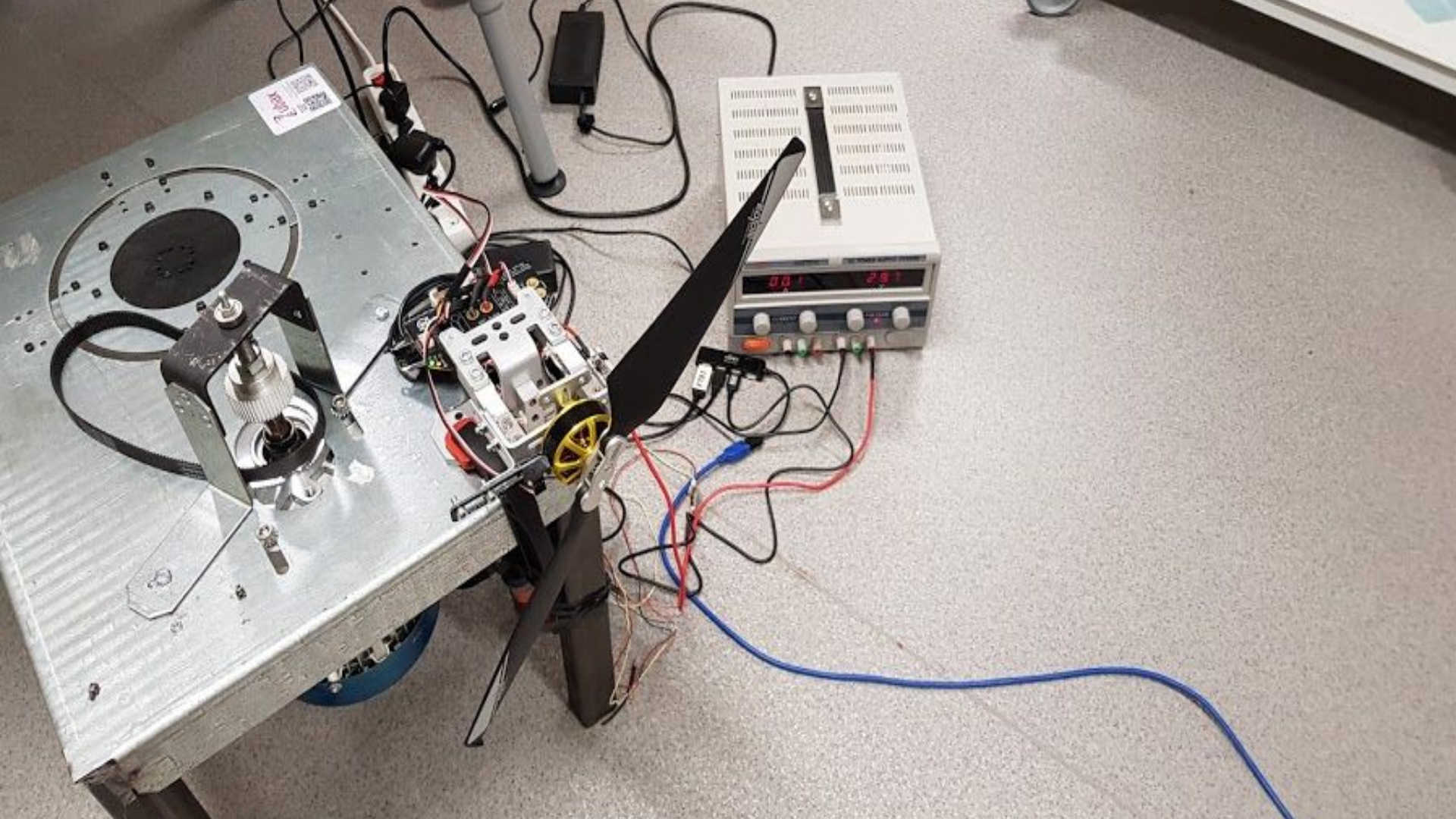


Energy-efficient electric propulsion for unmanned
vehicles



	Zubax		Other
ESC Motor Propeller	Sadulli Grosso (integrated)	KDE UAS125UVC+	
		Scorpion MII-4010-400KV	
	Sunnysky EOLO CN17x6.2		



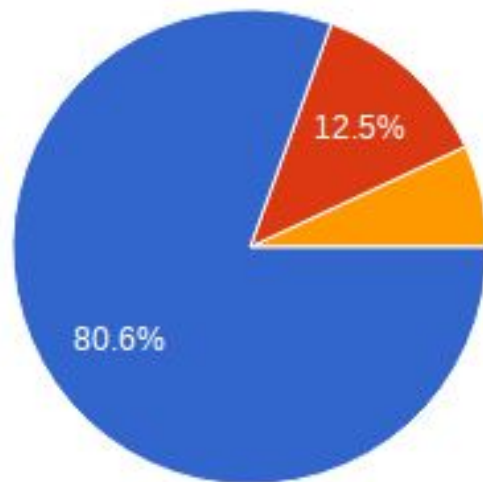


@5000 RPM, 30 V_{DC}

	Zubax		Other
Power	370 W		480 W
	~80%		~60%
	0.4 g		0.9 g

Type of motor control

72 responses



- Six-step BLDC (pick this if not sure)
- Field-oriented control
- Direct torque control

	Zubax		Other	
ESC	Mitochondrik-based	DJI E2000 (integrated)		
Motor	DJI E2000 (integrated)			
Propeller				
Power @2340 RPM	100 W		109 W	

IMPOSSIBLE US-1

LAW ENFORCEMENT DRONE



AIRCRAFT

External Dimensions	26" x 26"
Drone Weight	15.7 lbs.
Flight Time (w/payload)	1 Hr, 18 Min
Weight of payload (FLIR unit)	2.9 lbs.

Handles Wind Gusts	Up to 30mph
Battery Type	Lithium Ion
Operating Temperature Range	32°F - 122°F
Foldable Landing Gear	



IEEE
SPECTRUM

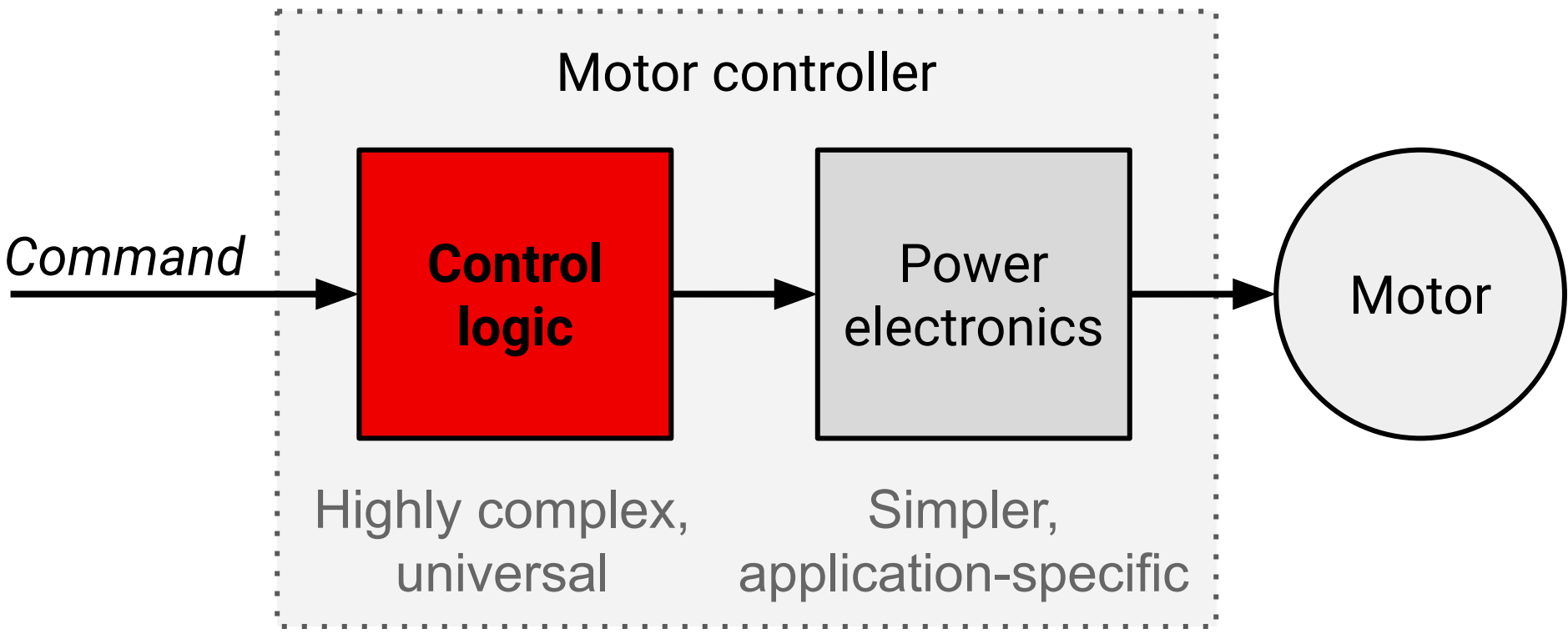
Energywise

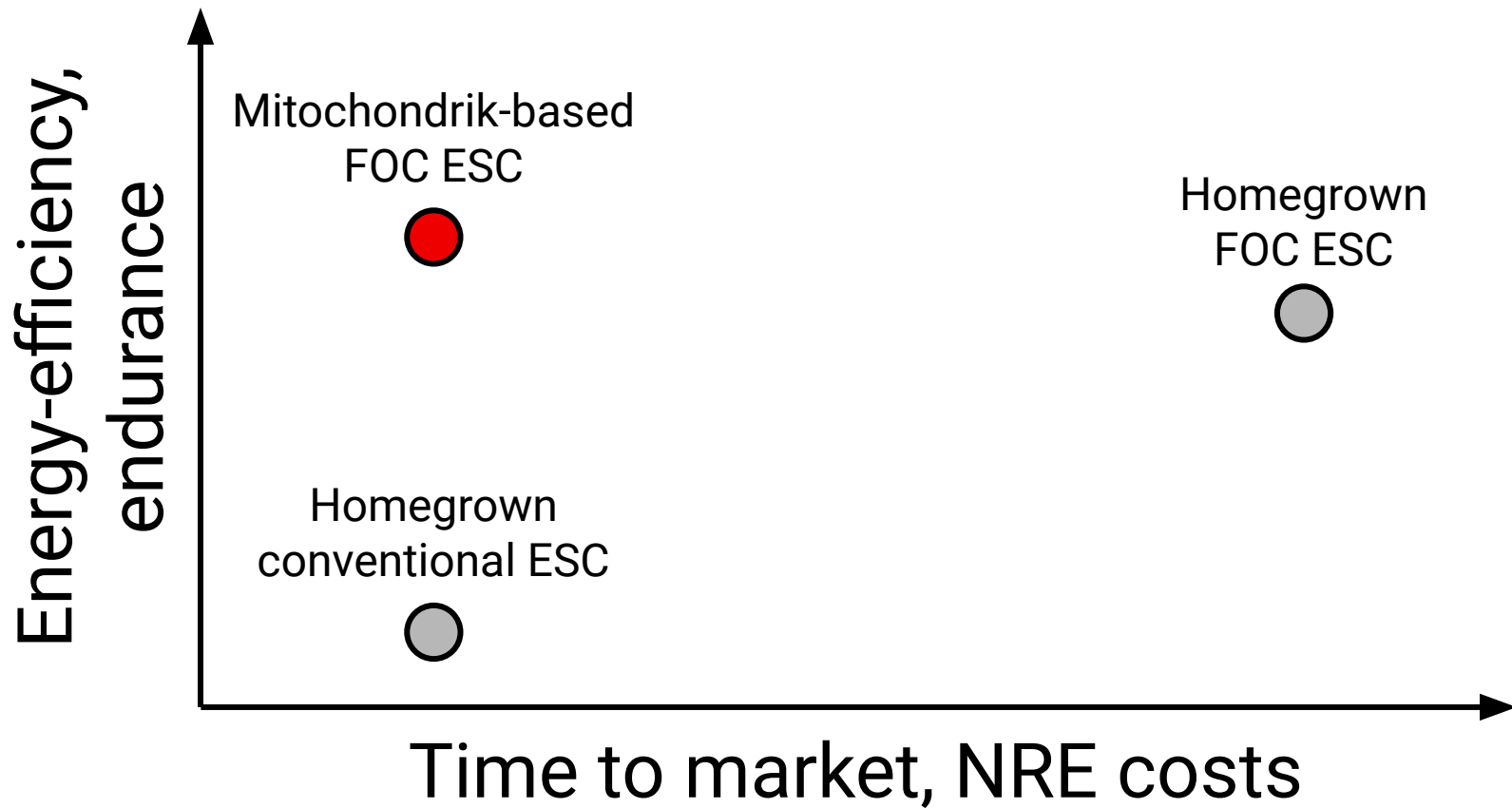
Aerospace

New Electric Drone Has Groundbreaking Flight Time

By CHARLES Q. CHOI

Posted 10 Sep 2018 | 15:45 GMT



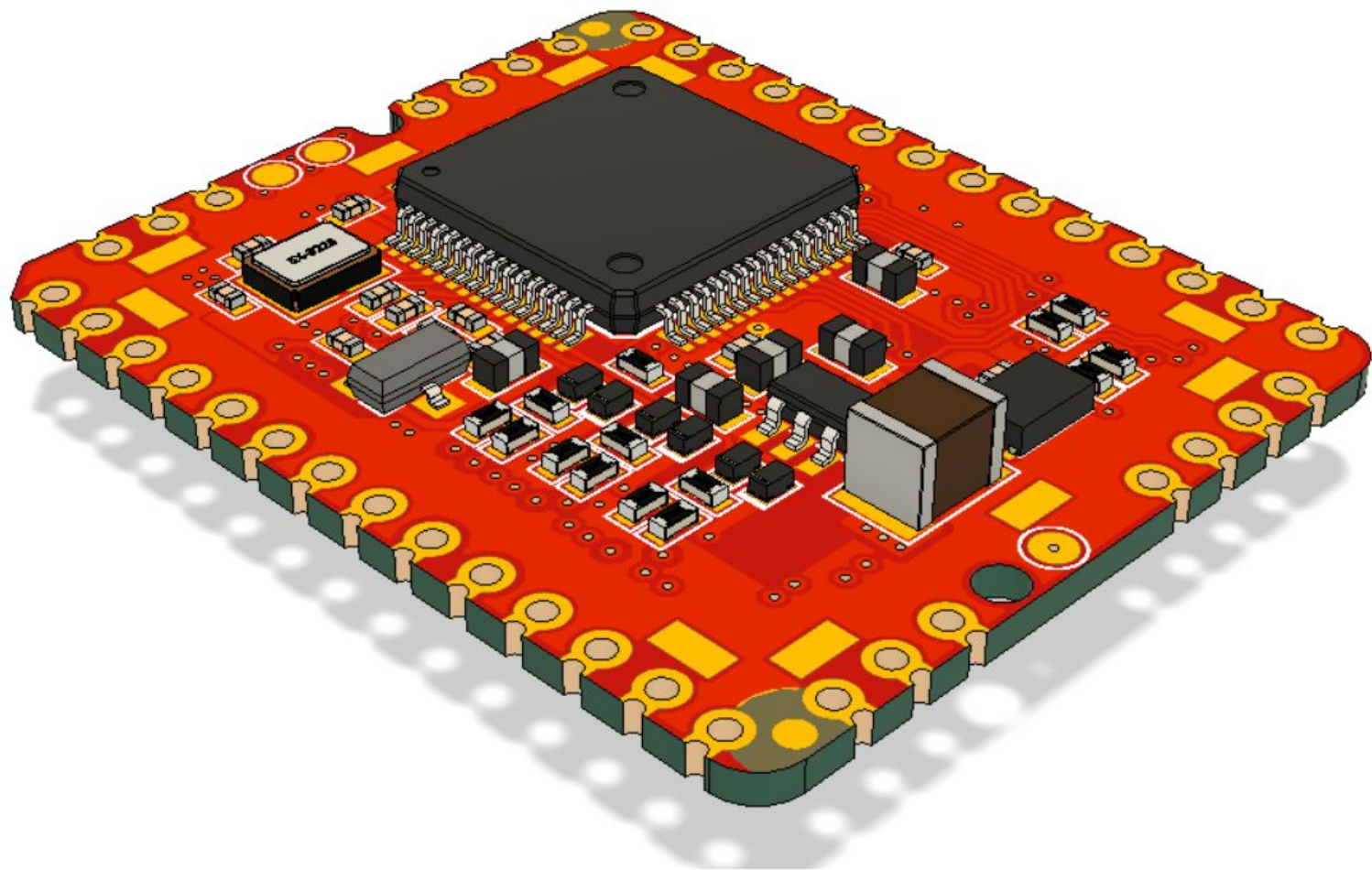


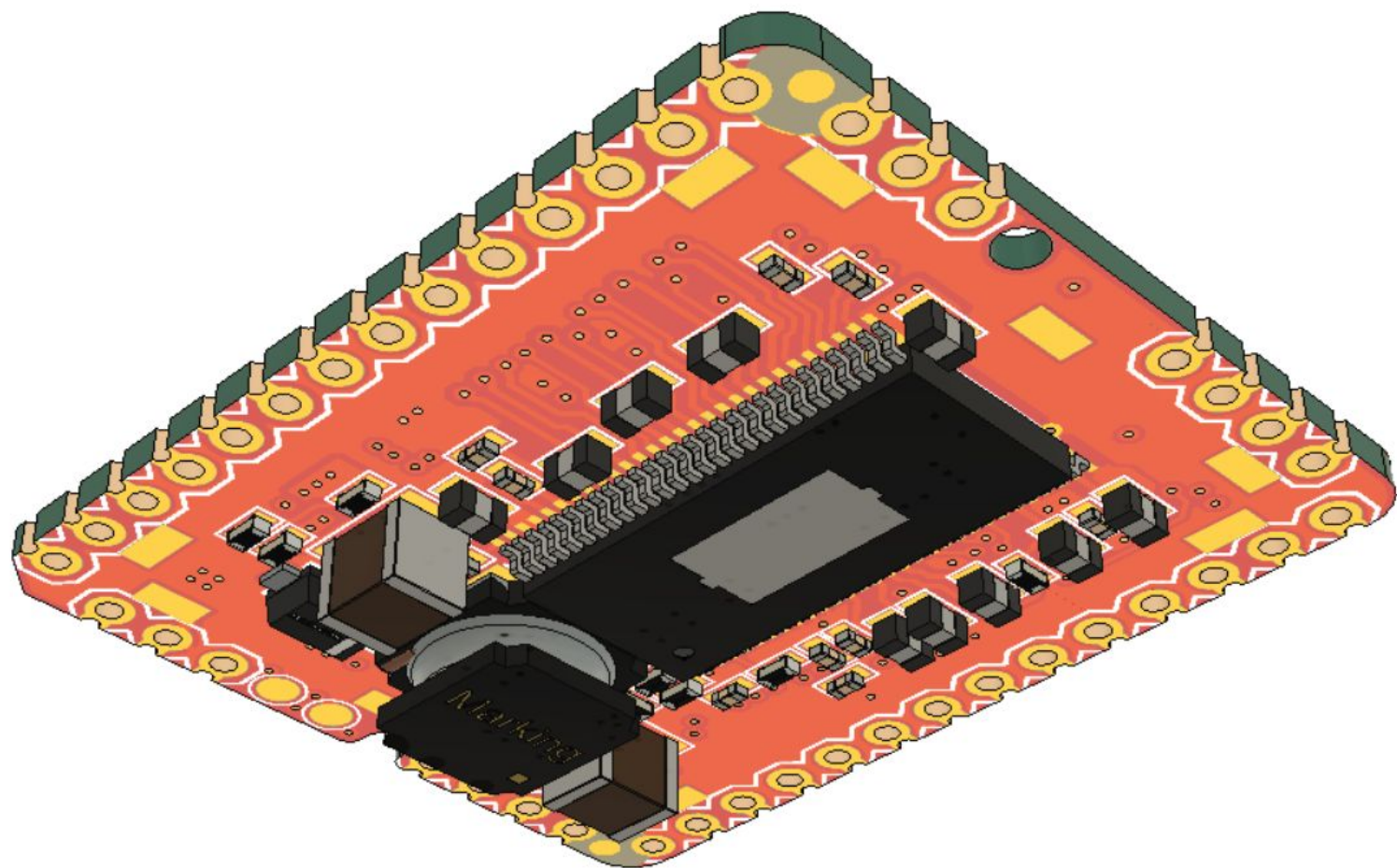




HEAVY IS GOOD

HEAVY IS RELIABLE





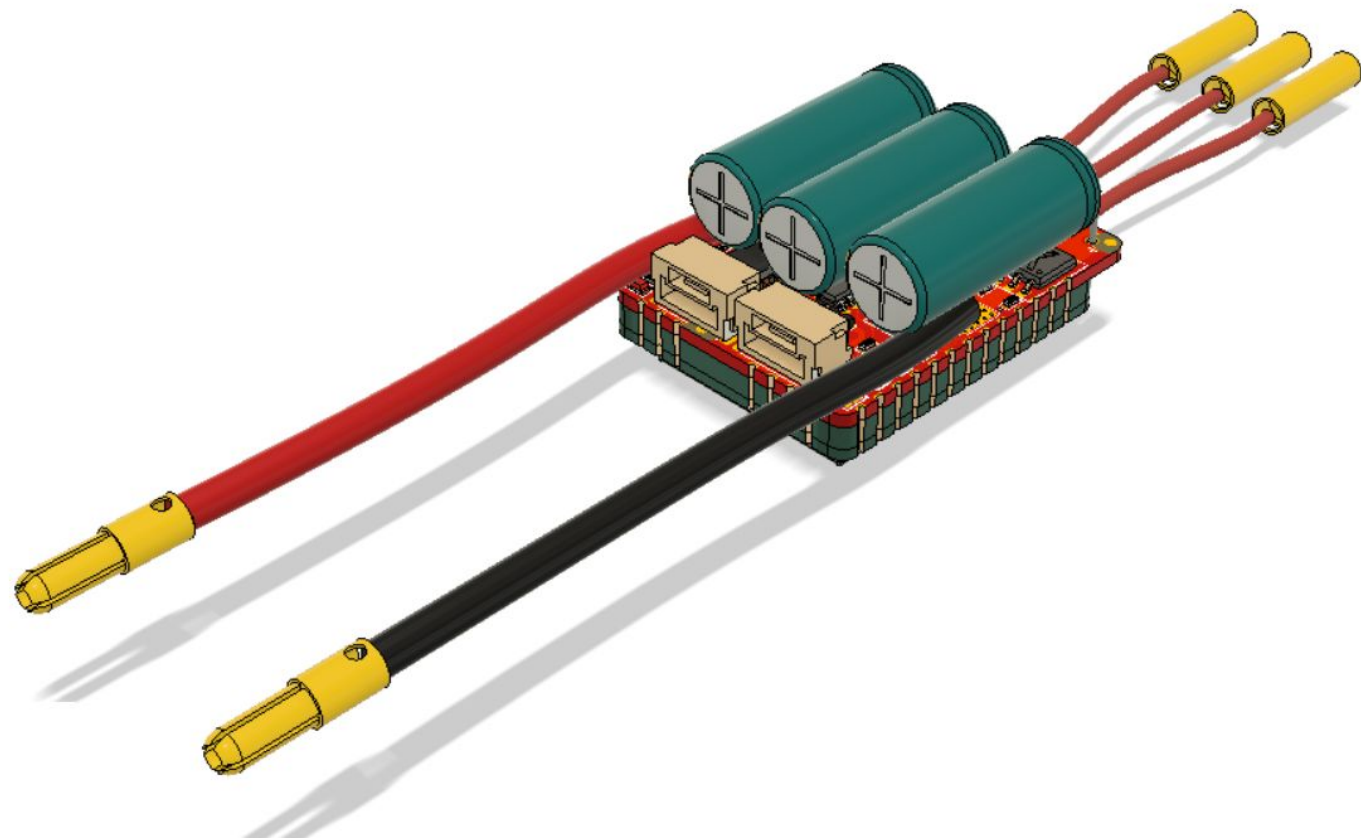
Heavy Reliable

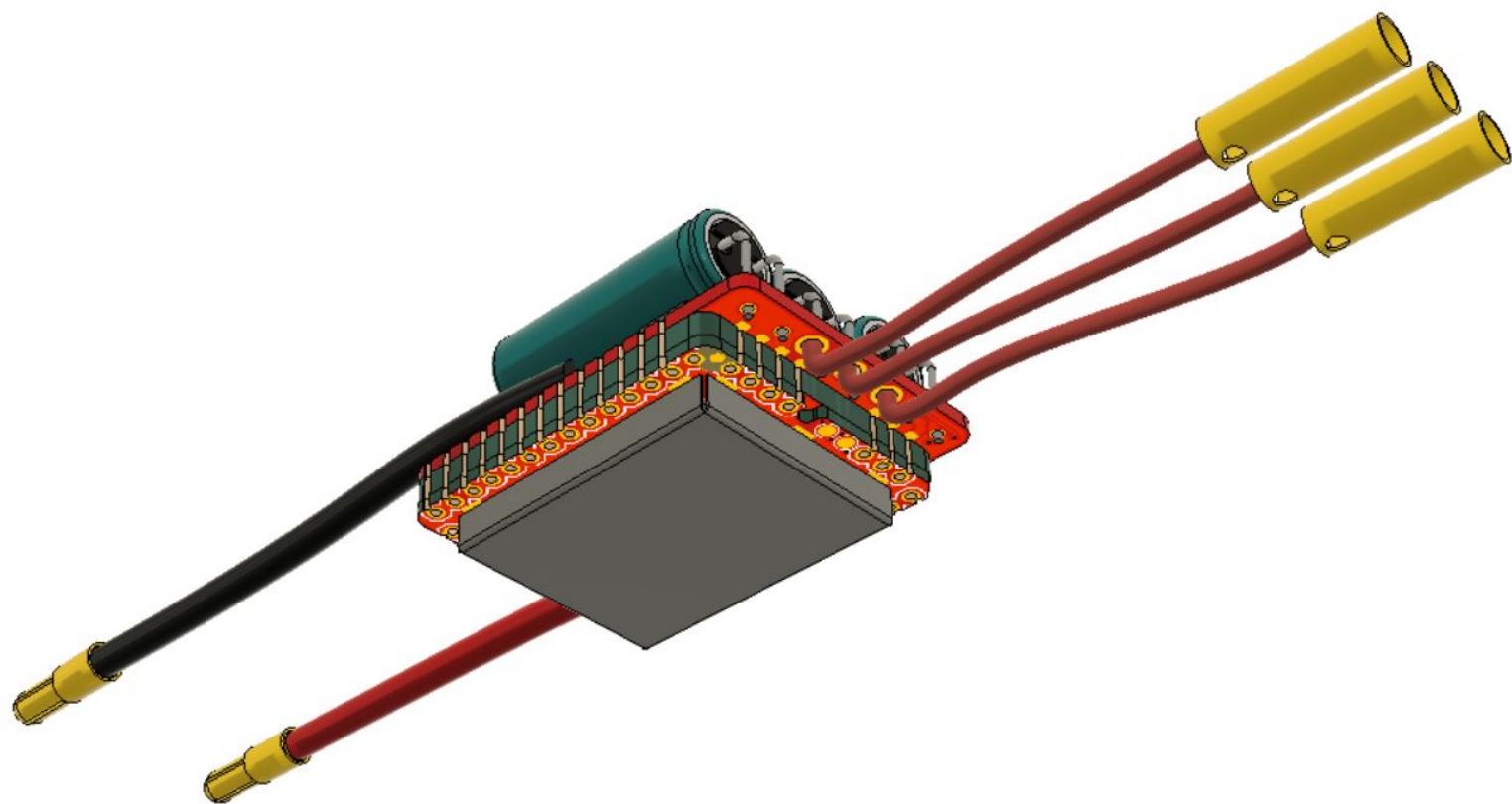
- Extensive automatic testing of every shipped unit
- Full QA logs at http://device.zubax.com/device_info
- AEC-Q100/200
- Doubly-redundant UAVCAN
- Coming soon: Fiscal memory

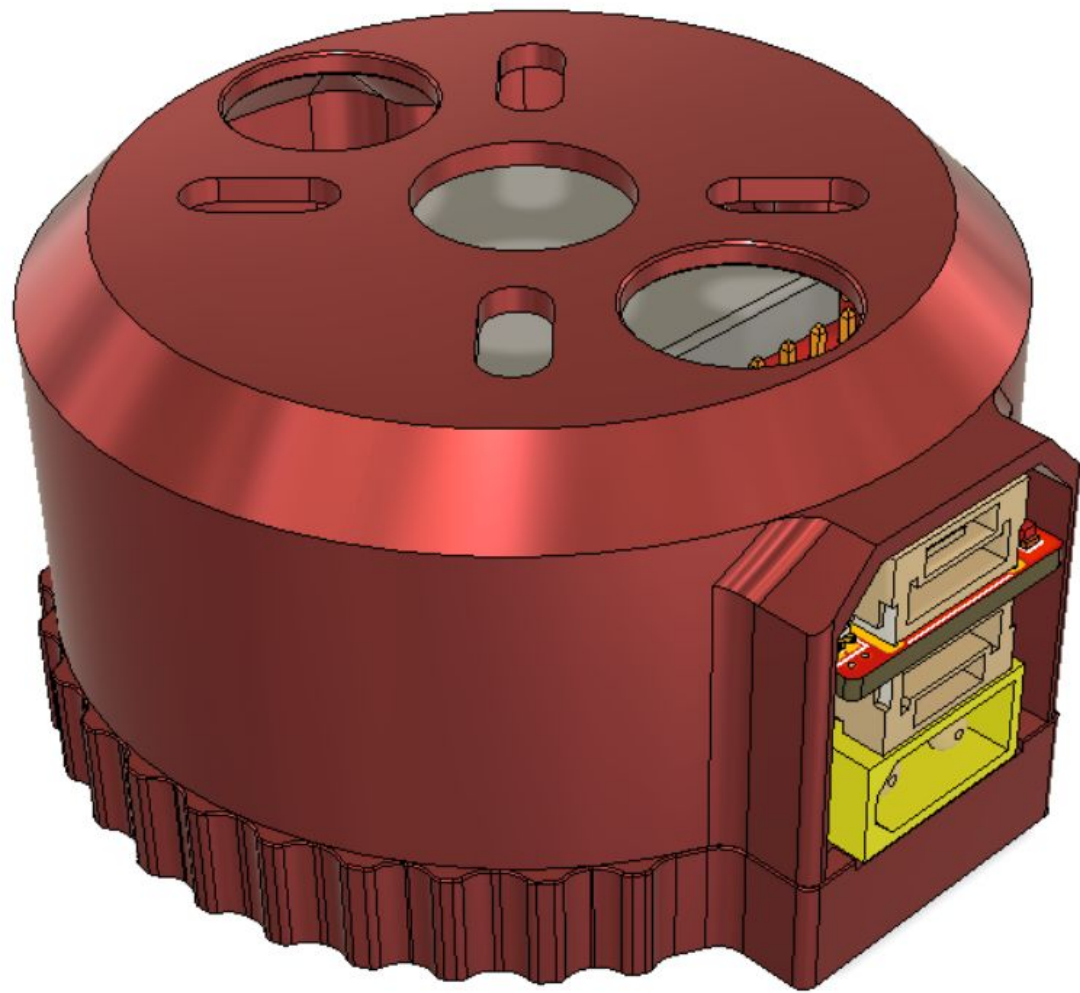


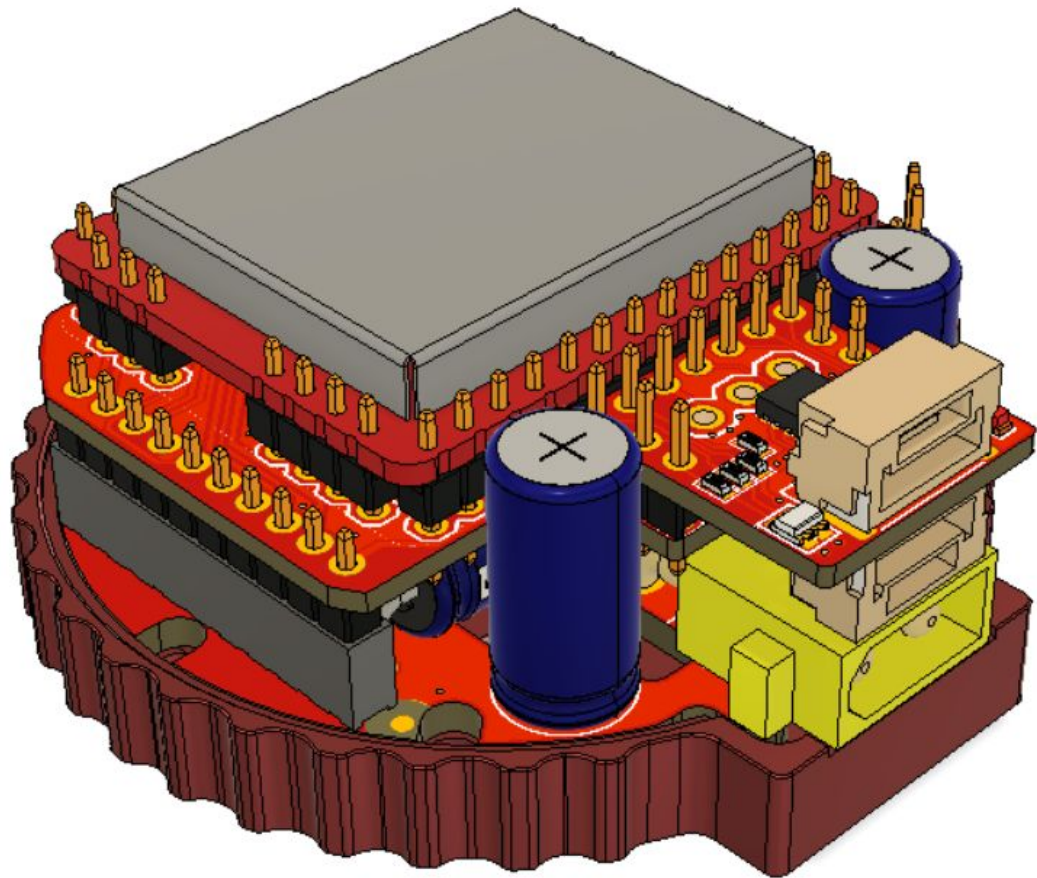
open source
hardware

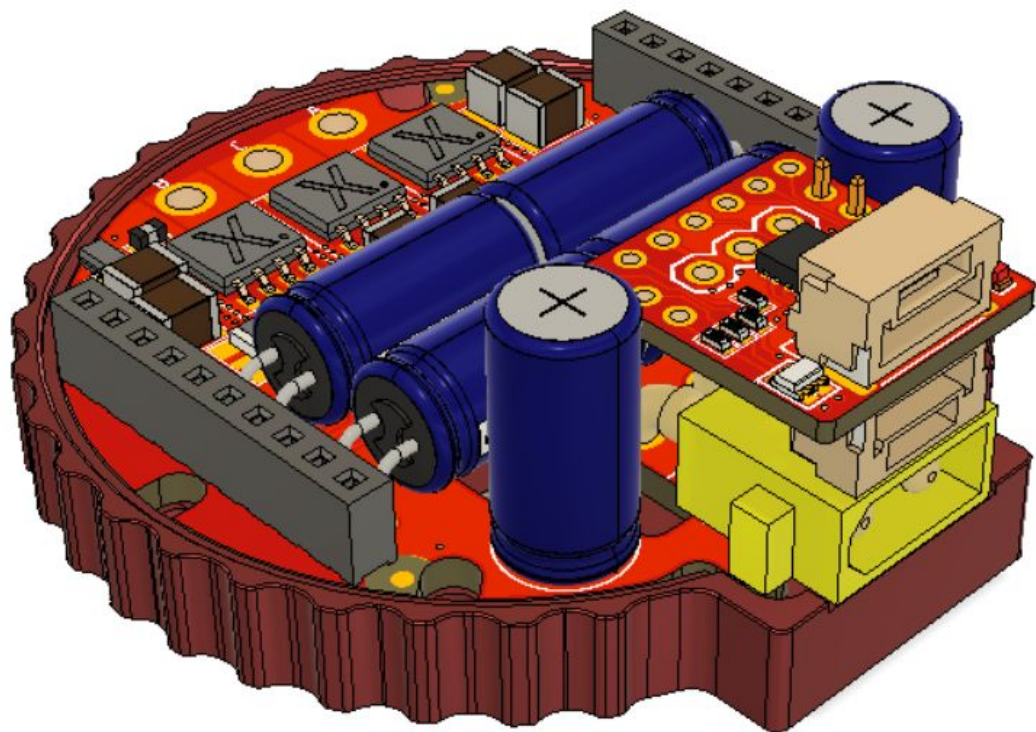
[**https://github.com/Zubax**](https://github.com/Zubax)

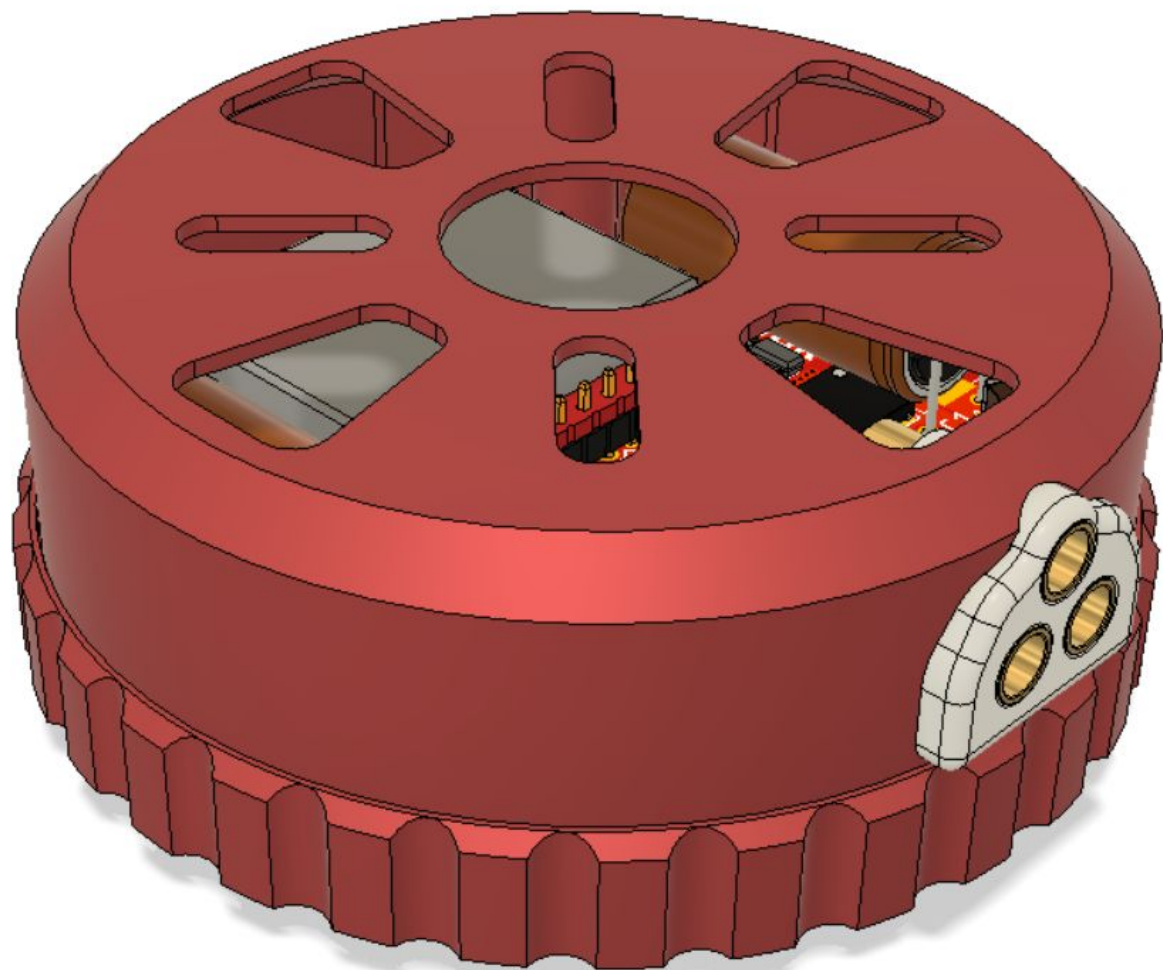


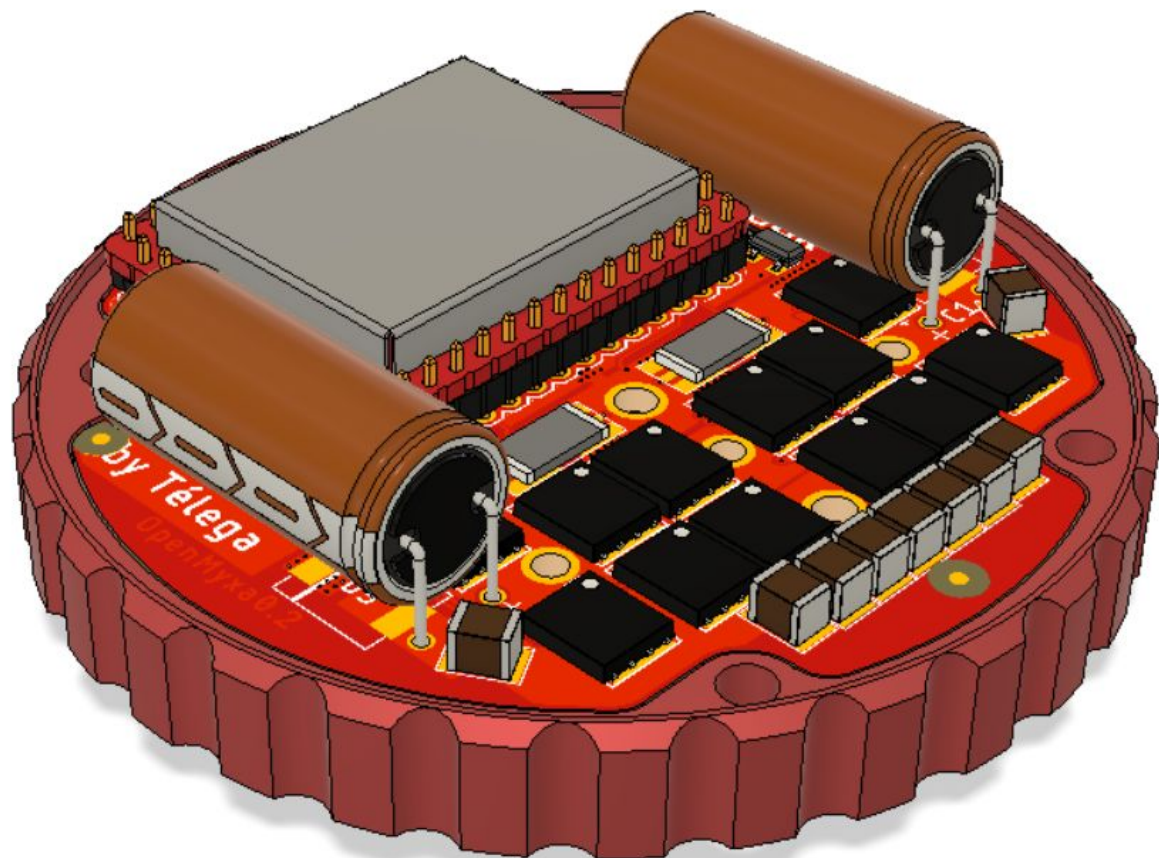














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