

Proposed Future features:

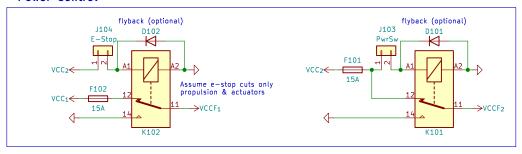
1. Over & Under & Reverse & Voltage & Short Circuit Protection

2. Power Meter in-built

3. Relay protection (via optocoupler)

4. Allow VCC1 to be on/off by mcu too

Power Control



Q: Assume VCC2 powers relay switch? Without it, powering on propulsion is useless

PwrOut1

File: PwrOut1.kicad_sch

PwrOut2

File: PwrOut2.kicad_sch

PDU Phase 1 for NTU-Mecatron

Scott CJX

Sheet: /

File: mecatron-power-distribution-unit.kicad_sch

Title: Power Distribution Unit		
Size: A4	Date: 2024-07-17	Rev: 1
KiCad E.D.A. 8.0.2-1		ld: 1/3

