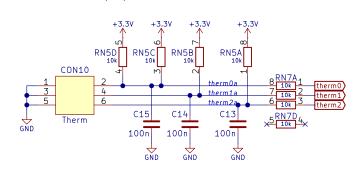
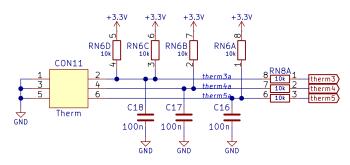


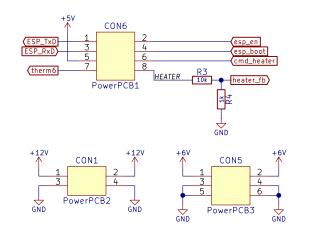
Thermistor 0 and 3 are for higher temperatures and have lower pullup resistances.





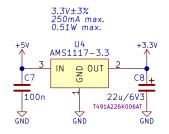
Power PCB connectors

6V power is for servos 5V for OLED and LDO 12V for external output

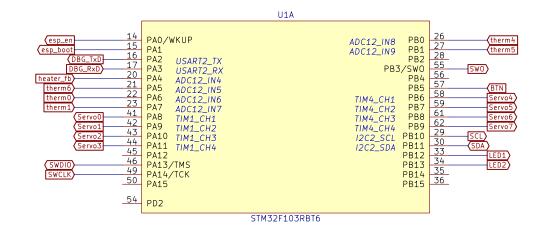


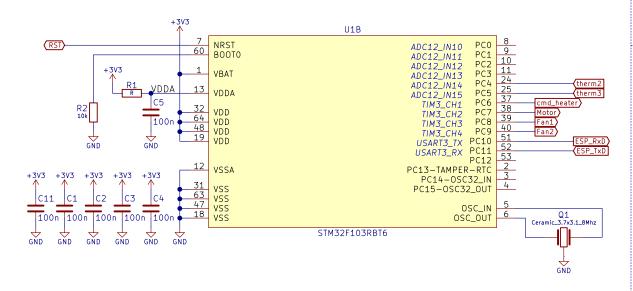
3V3 LDO regulator

For uC only

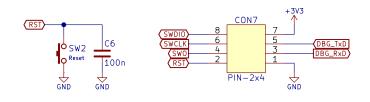


STM32 microcontroller

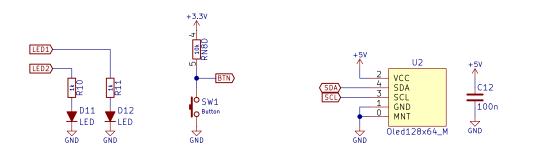




Programming/debug connector and reset switch

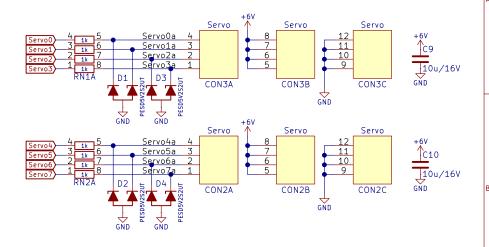


User interaction



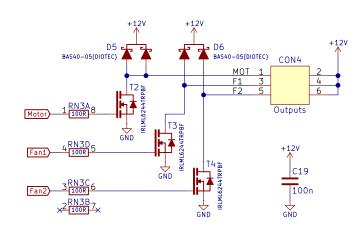
Servo connectors

Servos powered from external BEC regulator



Medium power outputs

Motor and two fans



Mechanical parts and Power PCB

Power PCB for 3D model MECH9 PowerPCB



	MECHS	MECHI
7	spacer_M3x5+6	nut
3 1 hole	MECH6	MECH2
,	spacer_M3x5+6	nut
D	MECH7	месн3
4	spacer_M3x5+6	nut
hole D	MECH8 spacer_M3x5+6	MECH4

NiceCircuits

Sheet: / File: drOctopusControl.sch

Title: Wi-Fi Servo Controller

 Size: A3
 Date: 2016-01-24
 Rev: 2.0

 KiCad E.D.A. kicad 4.0.0-rc1-stable
 Id: 1/1