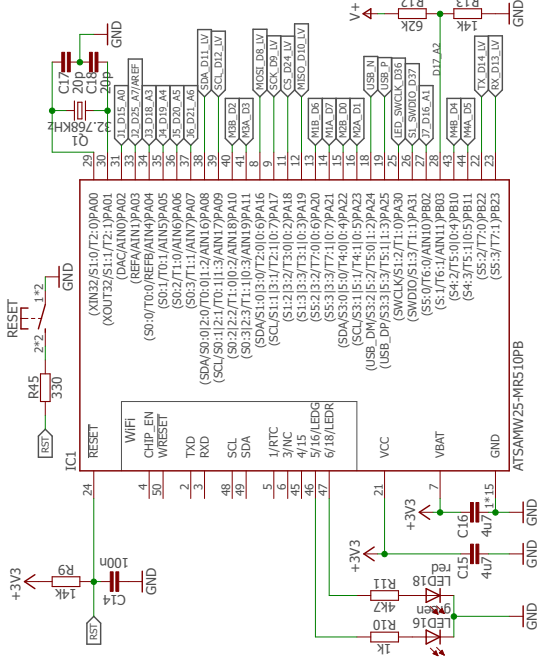


Microcontroller

Microchip SAMU2E (SAMD21 ARM Cortex-M0+ MCU + HINCL600 Wi-Fi SoC)

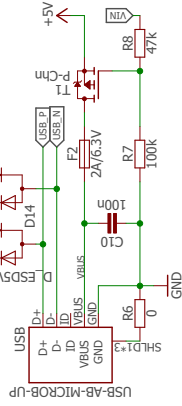


Test Points

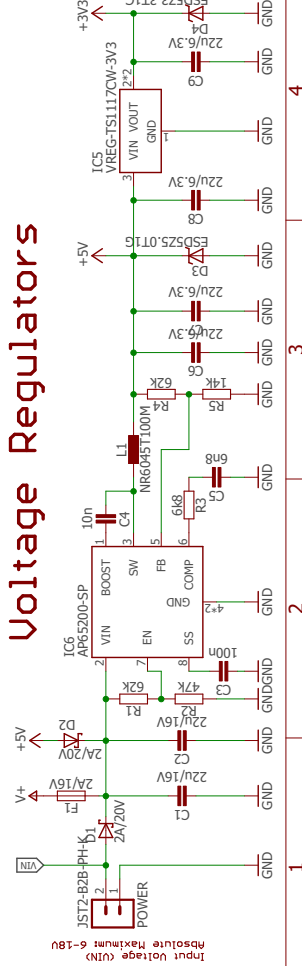


USB

USB Device

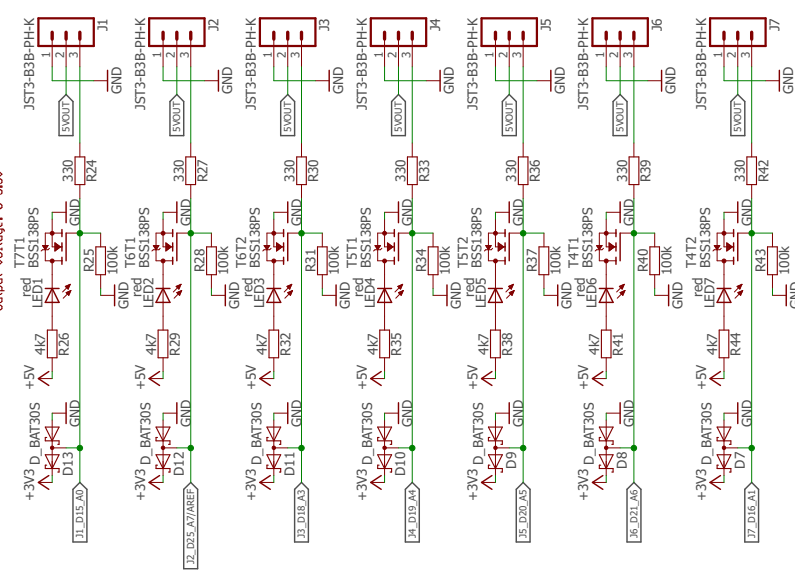


Voltage Regulators

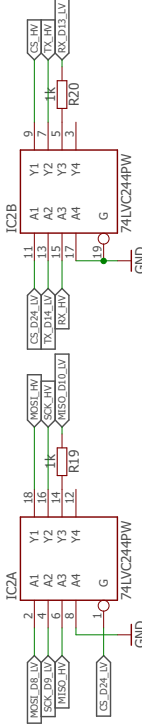


Inputs/Outputs J1....J7

Input Voltage: 0-5V
Output Voltage: 0-3.3V

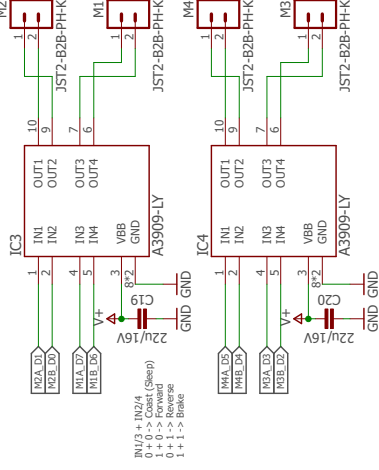


Level Shifter

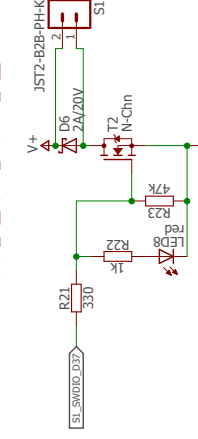


Motor M1....M4

Atlegro microSystems A3989

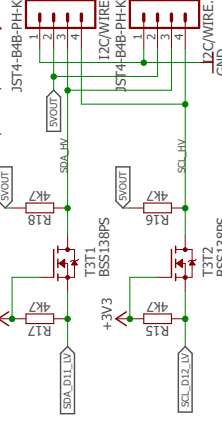


MosFet S1



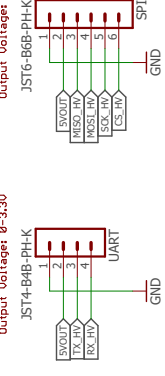
I2C/Wire

Input/Output Voltage: 0-5V



UART

Input Voltage: 0-5V
Output Voltage: 0-3.3V



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