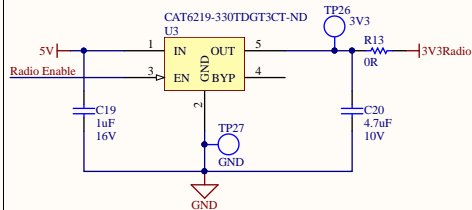
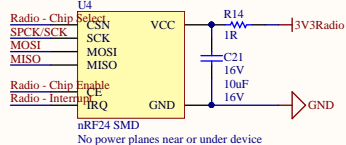


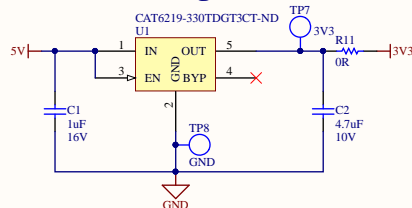
## 3.3V Regulation - Radio



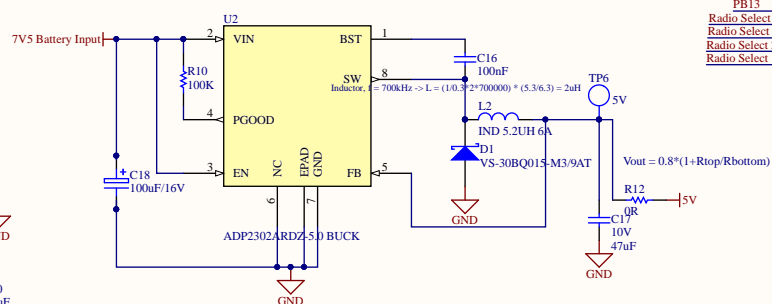
## Radio



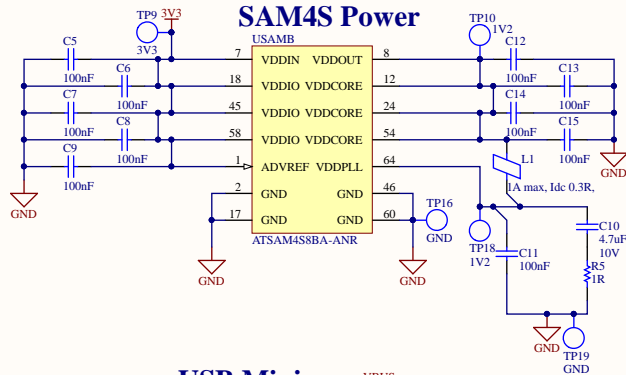
## 3.3V Regulation



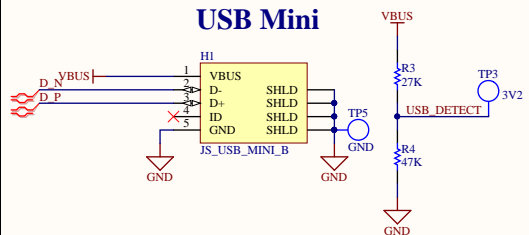
## 5V Regulation



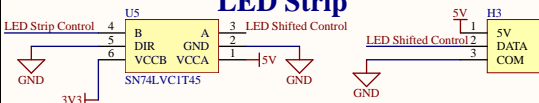
## SAM4S Power



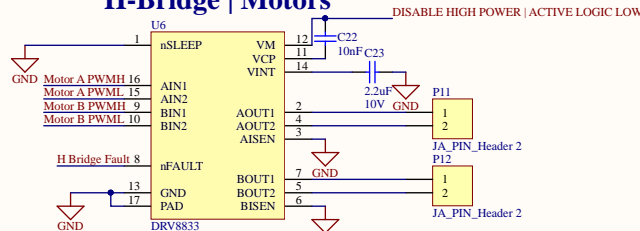
## USB Mini



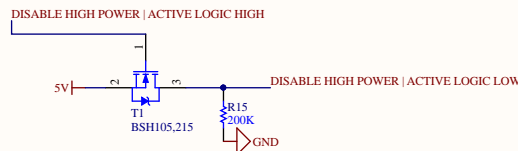
## LED Strip



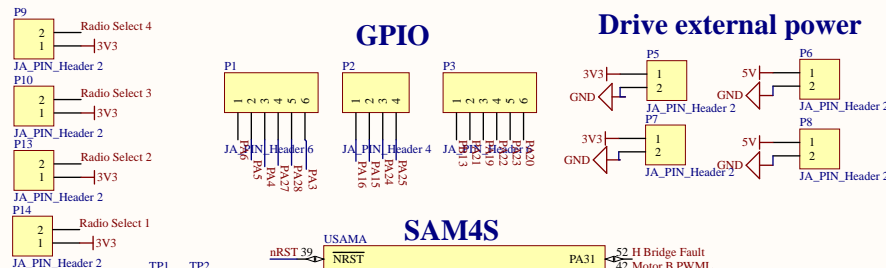
## H-Bridge | Motors



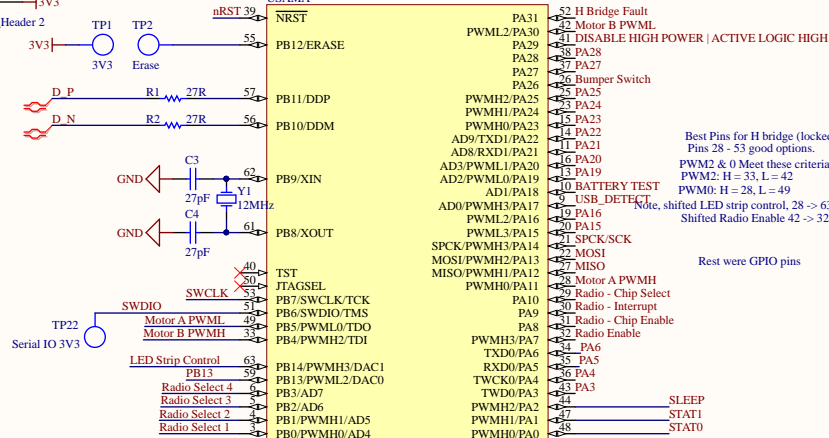
## Disable High Power switch



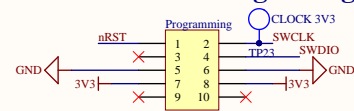
## GPIO



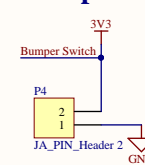
## SAM4S



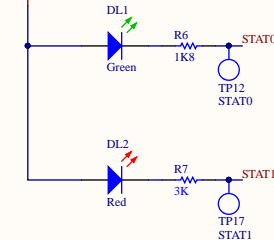
## Programming Serial Wire/JTAG Debug Port



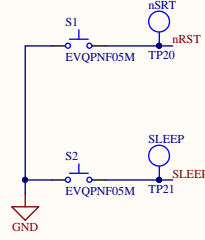
## Bumper



## Status LEDs



## Switches



Title <b>Group 27 - Wacky Racer Schematic</b>		ECE Department University of Canterbury Christchurch 8041 New Zealand		Cannot open file J:\Altium\Templ ates\ac-logic.png
Drawn by Ethan Bushby & Josef Power		Revision: 1		
Date: 2/25/2024		Time: 1:40:04 PM		Sheet of
File: D:\Altium Project - ENCE461\WackyRacer_Resub\WackyRacer\Tutorial - Racer Schematic.SchDoc				