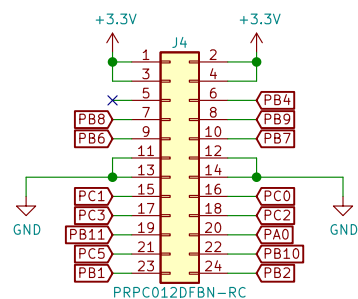
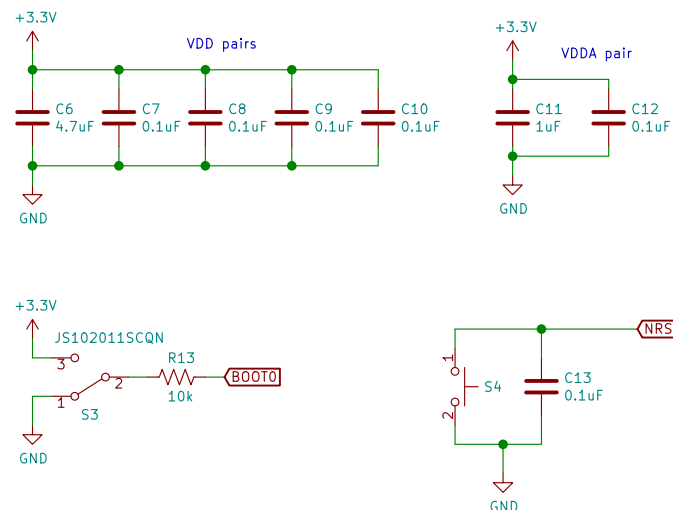


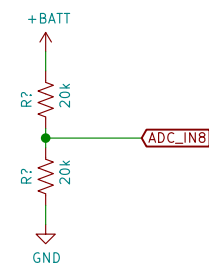
MICROCONTROLLER



PIN BREAKOUTS (GPIO & POWER)



MICROCONTROLLER DECOUPLING, RESET, BOOT, CRYSTAL



BATTERY VOLTAGE DETECTION

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Title:

Size: A4

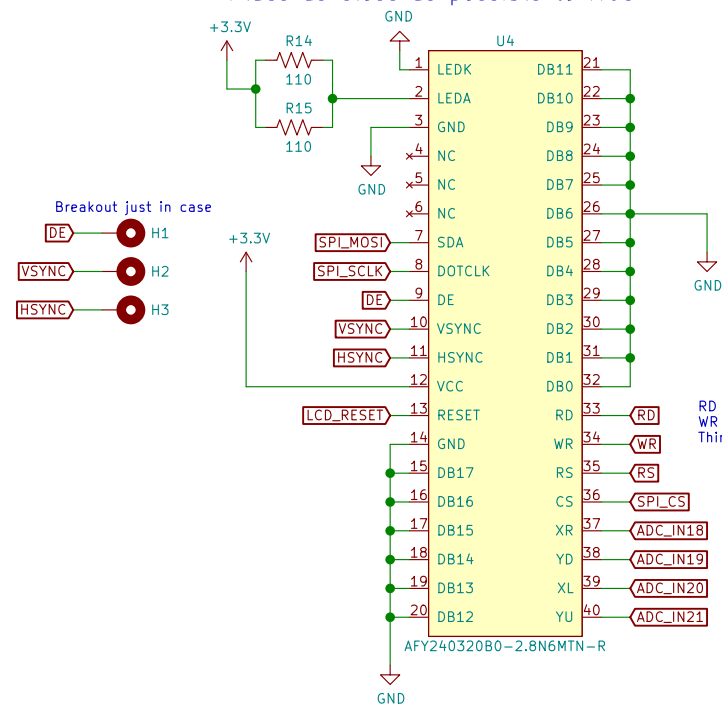
Date:

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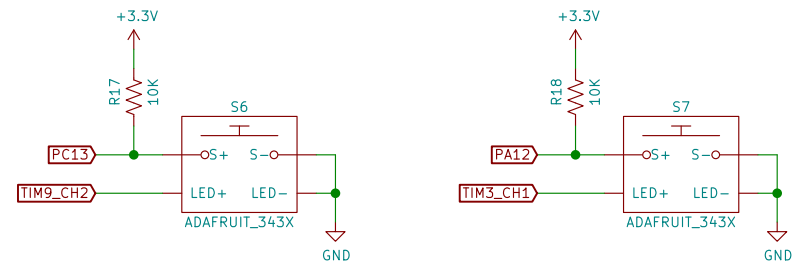
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60mA current
Parallel to reduce power
dissipation across each resistor (0.1W)
Place as close as possible to MCU



TOUCHSCREEN DISPLAY

Current limiting resistors in button.
Think TIM9 channels can be independently used



PLAYER BUTTONS

RD = serial read.
WR = serial write.
Think active LOW

RS = D/CX pin for LCD.
LOW = command byte sent.
HIGH = store transmitted byte into
display RAM.
Default to LOW.

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