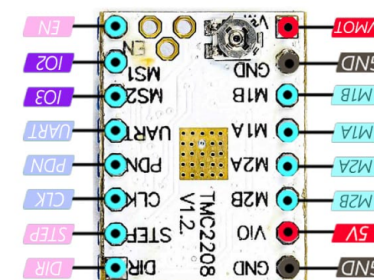
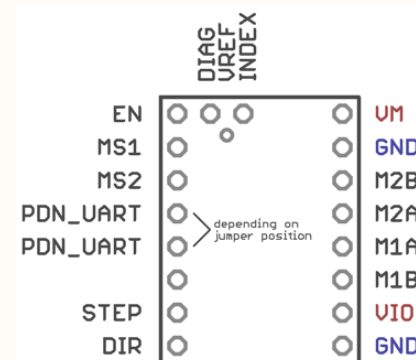
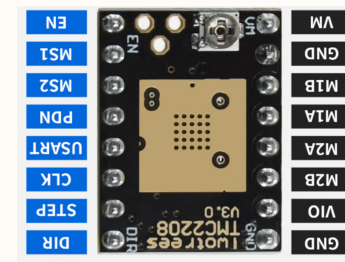


A \$0.70 A4988 Red/green 35V 2A
 \$1.50 DRV8825 purple 45V 2.5A @24v
 \$1.80 TMC2208 white 1A 36V UART
 \$3.00 TMC2209 black: 2.8A 29V UART
 all 15x20mm 500mil spacing

PB9/TIM17_CH1/P18
 PC6/TIM2_CH3/P11
 PC15/P10



1

2

3

4

A

A

B

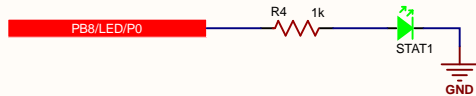
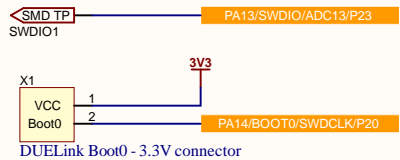
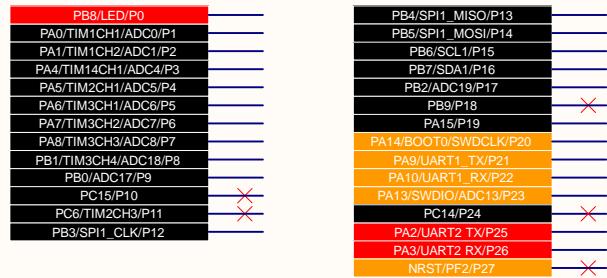
B

C

C

D

D



Fiducial 40 Mil



Fiducial 40 Mil



Fiducial 40 Mil



Fiducial 40 Mil



Fiducial 40 Mil



Fiducial 40 Mil

Title: <i>Misc</i>		
Part #: N/A		
Revision: A	Date: 10/28/2025	Sheet 2 of 5

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Software Features:

ADC: P1, P2, P3, P4, P5, P6, P7, P8, P9, P17

Touch: Can be any pin but hardware need 100pF + 1Mohm

HW PWM: P1, P2, P3, P4, P5, P6, P7, P8, P11

- * P1, P2: TIM1
- * P3: TIM14
- * P4, P11: TIM2
- * P5, 6, 7, 8: TIM3

SW UART: Pins 1 RX, 2 TX

Wakeup Pins: P1, P3

Interrupts on: P1, P2, P3, P4, P5, P6, P7, P12

UART1 is available when not used in Uplink





