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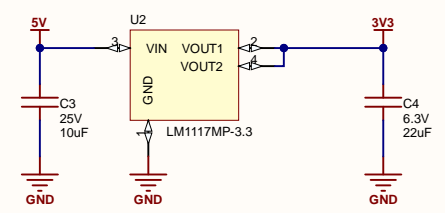
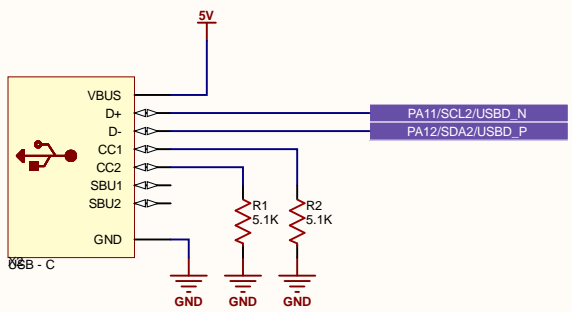
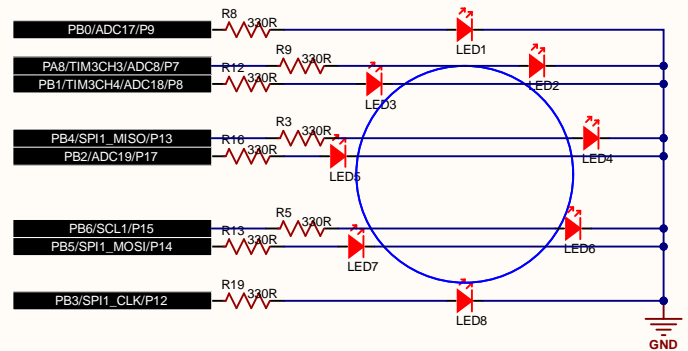
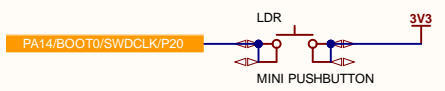
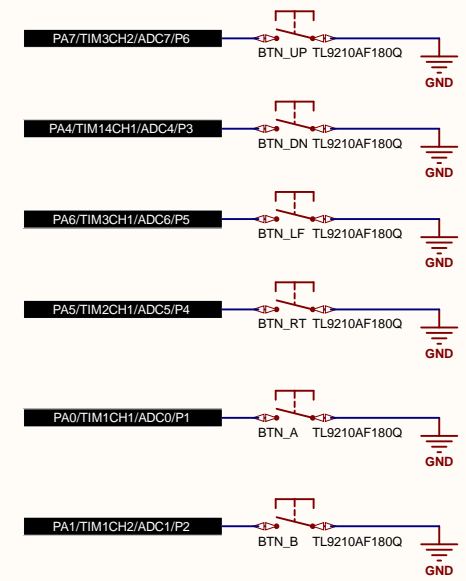
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Title: <i>Controller</i>		
Part #: GDL-SPCTRLR-A		
Revision: A	Date: 10/21/2025	Sheet 1 of 4



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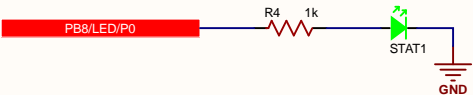
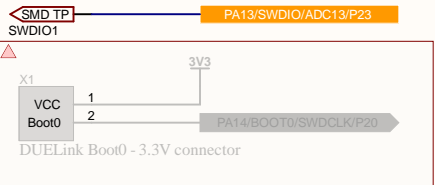
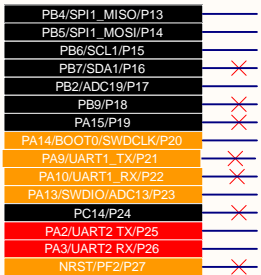
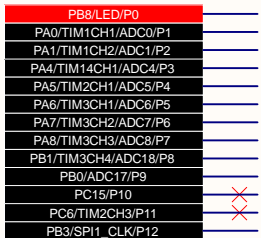
B

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Fiducial 40 Mil



Fiducial 40 Mil



Fiducial 40 Mil



Fiducial 40 Mil



Fiducial 40 Mil



Fiducial 40 Mil

Title: MISC

Part #: N/A

Revision: A

Date: 10/21/2025

Sheet 2 of 4



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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



