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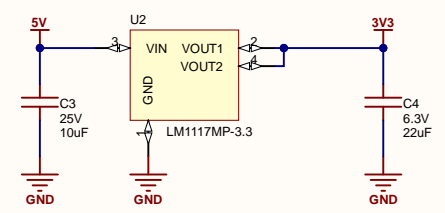
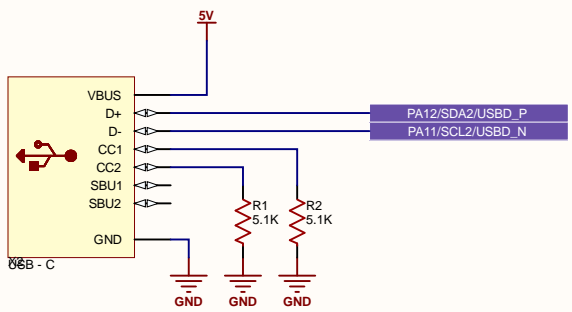
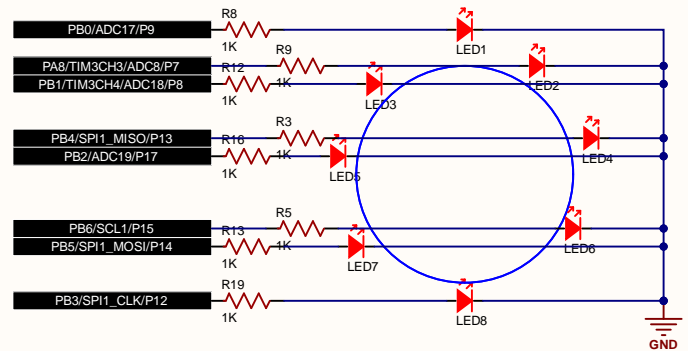
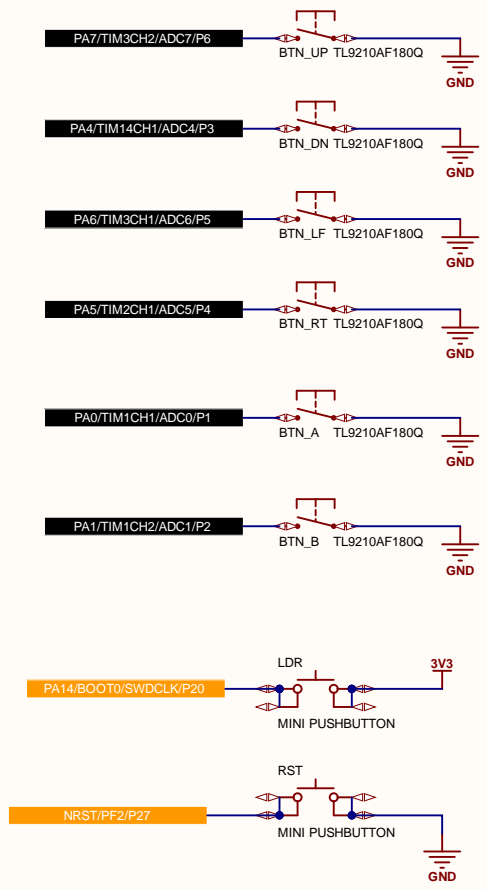
D

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Title: <i>Controller</i>		
Part #: GDL-SPCTRLR-B		
Revision: B	Date: 1/6/2026	Sheet 1 of 4



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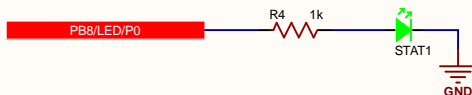
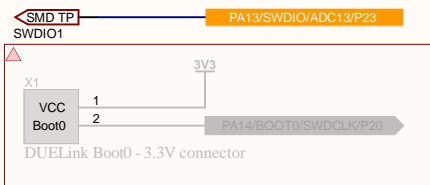
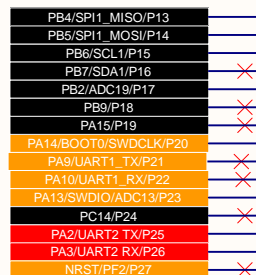
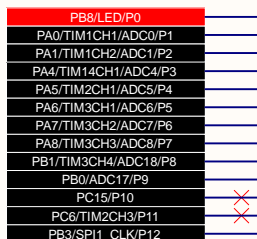
B

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C

D

D

FID1  
Fiducial 40 MilFID2  
Fiducial 40 MilFID3  
Fiducial 40 MilFID4  
Fiducial 40 MilFID5  
Fiducial 40 MilFID6  
Fiducial 40 Mil

Title: MISC

Part #: N/A

Revision: B

Date: 1/6/2026

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

