

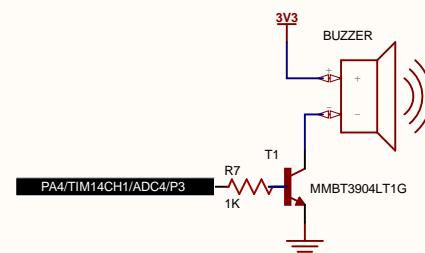
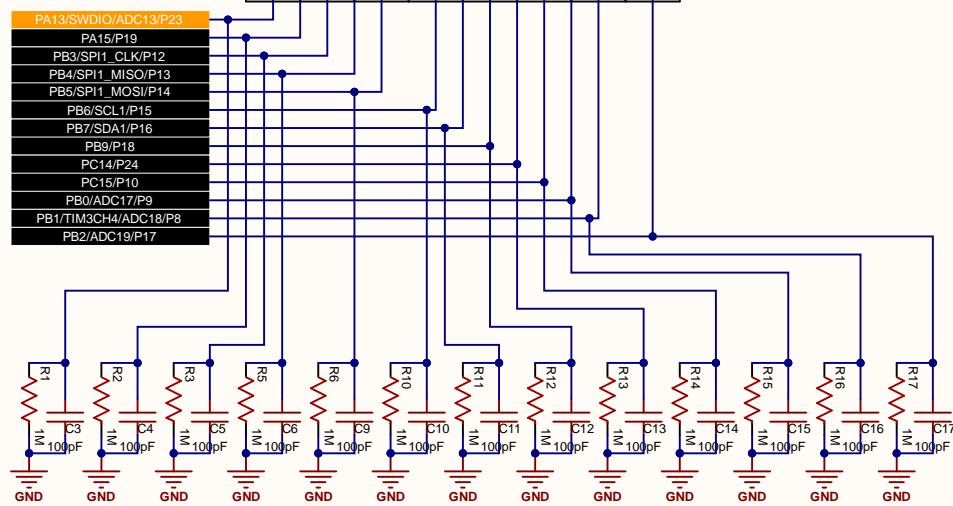
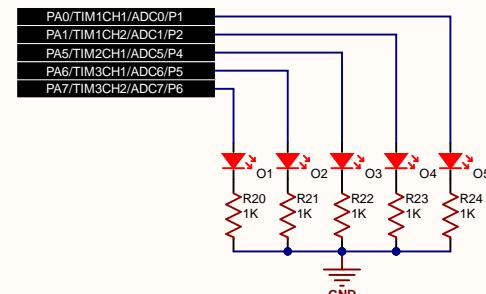
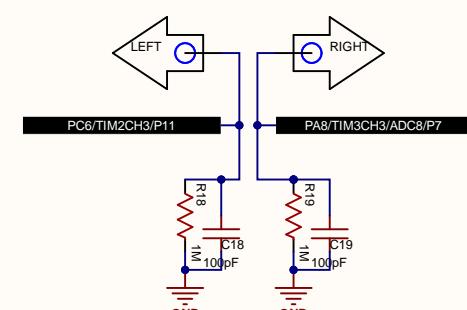
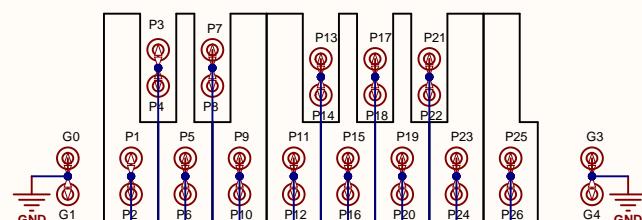
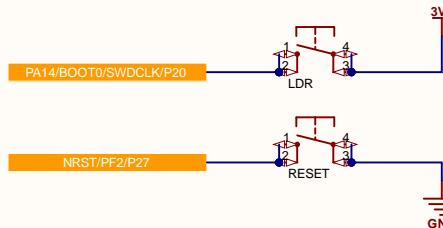
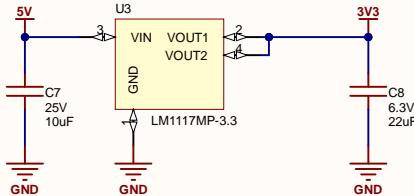
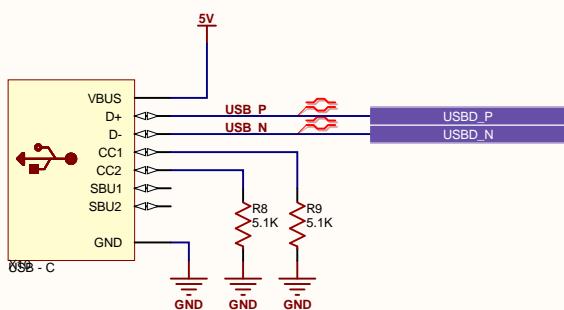
1

2

3

4

A



Title: Piano

Part #: GDL-SPPIANO-B

Revision: A Date: 11/25/2025 Sheet 1 of 4



1

2

3

4

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Michigan, USA

A

A

B

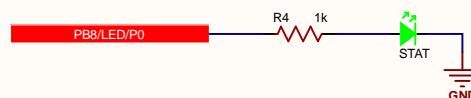
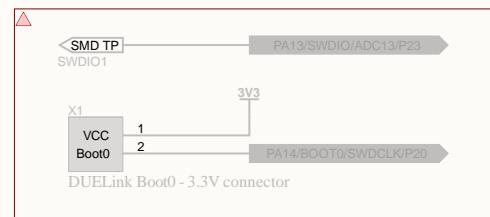
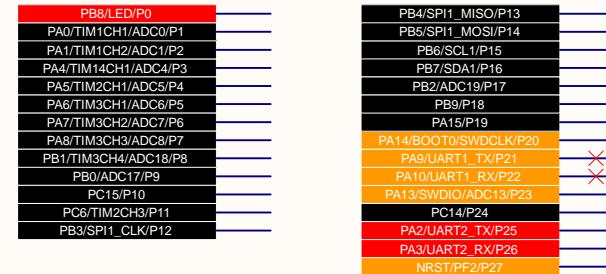
B

C

C

D

D



Fiducial 40 Mil



Fiducial 40 Mil



Fiducial 40 Mil



Fiducial 40 Mil



Fiducial 40 Mil



Fiducial 40 Mil

Title: *Misc*

Part #: N/A

Revision: NA

Date: 11/25/2025

Sheet 2 of 4



A

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

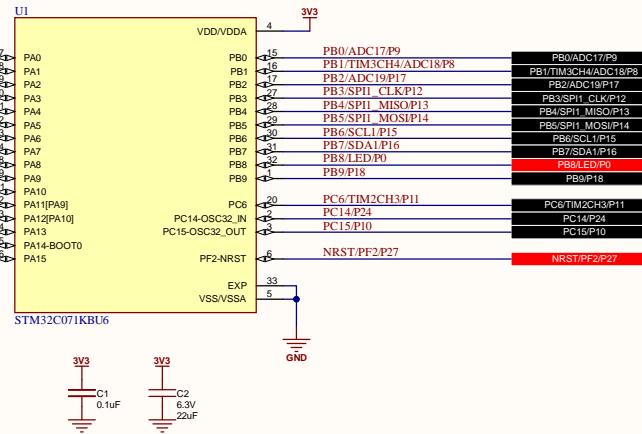
* P5, 6, 7, 8: TIM3

SW UART: Pins 1 RX, 2 TX

Wakeup Pins: P1, P3

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

B



UART1 is available when not used in UpLink

C

D

A

A

B

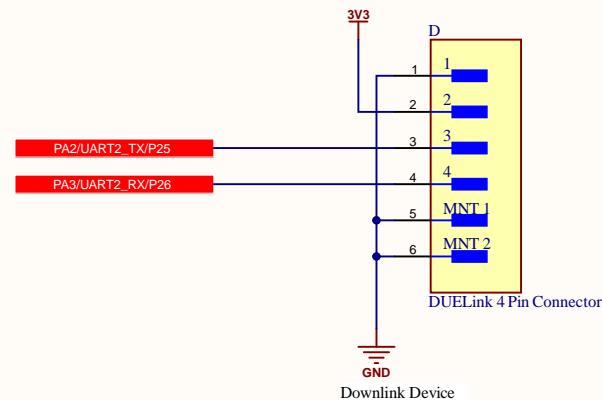
B

C

C

D

D

Title: *DUELink Downlink*

Part #: N/A

Revision: A Date: 11/25/2025 Sheet 4 of 4

