

A

A

B

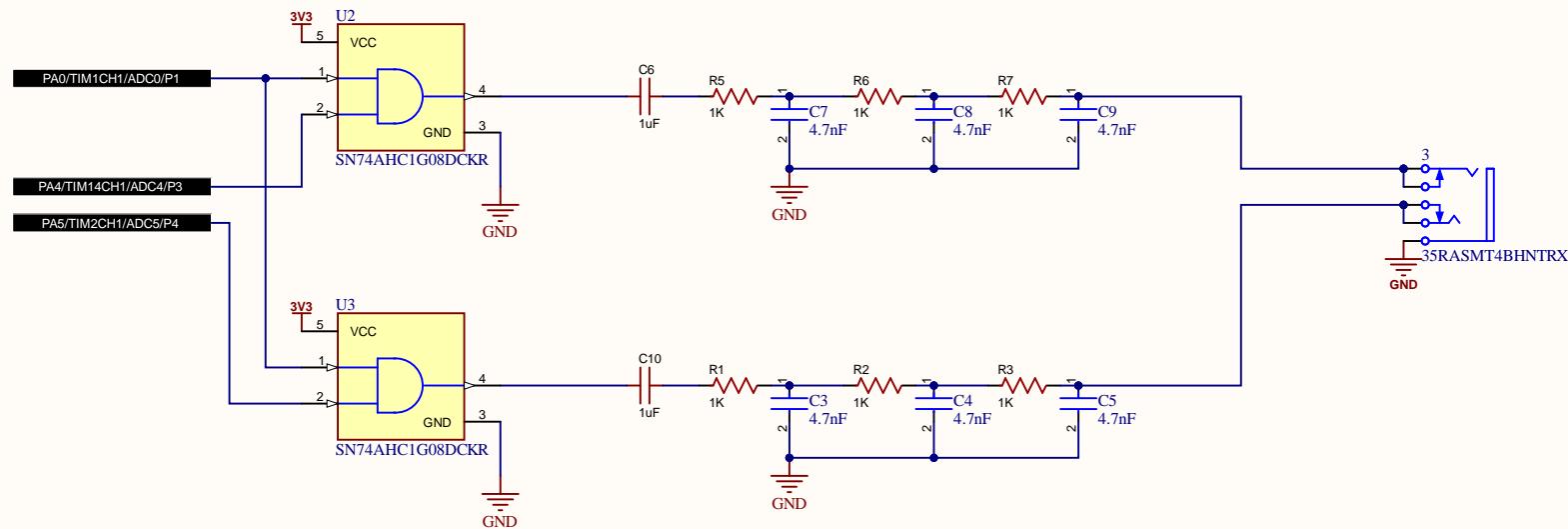
B

C

C

D

D

Title: *Retro Sound*

Part #: GDL-SORETROSND-A

Revision: A Date: 11/5/2025 Sheet 1 of 5


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 electronics  
Where Hardware Meets Software

A

A

B

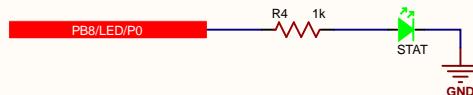
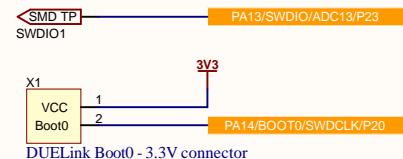
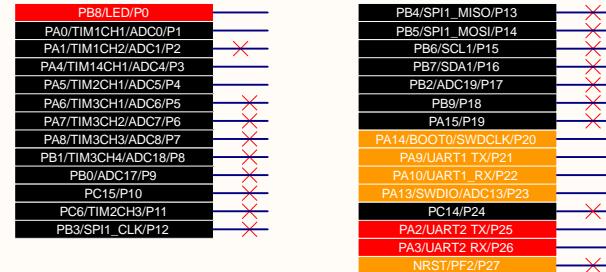
B

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C

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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: A

Date: 11/5/2025

Sheet 2 of 5



Where Hardware Meets Software

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

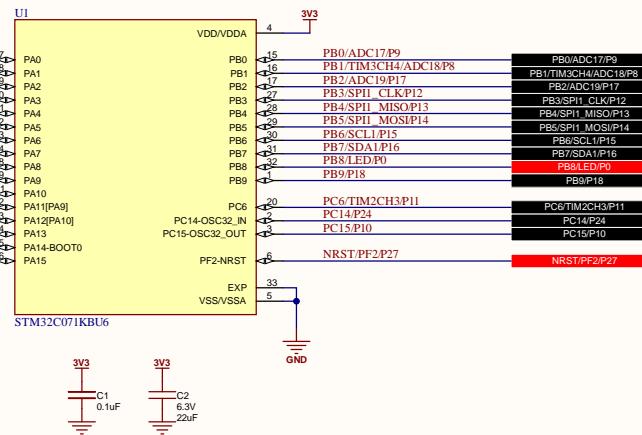
\* P5, 6, 7, 8: TIM3

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

Title: DUELink MCU
Part #: STM32071KBU6
Revision: v14
Date: 11/5/2025
Sheet 3 of 5



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A

A

B

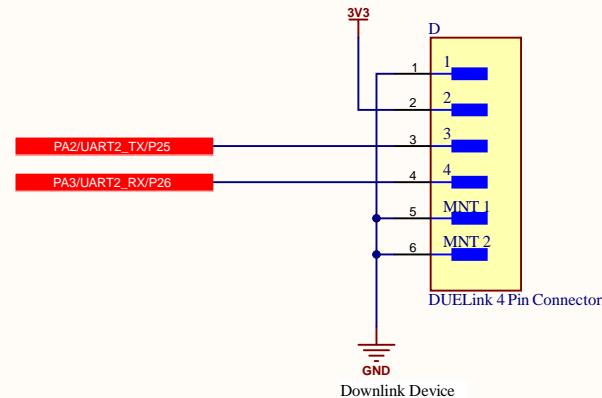
B

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D

Title: *DUELink Downlink*

Part #: N/A

Revision: A Date: 11/5/2025 Sheet 4 of 5



A

A

B

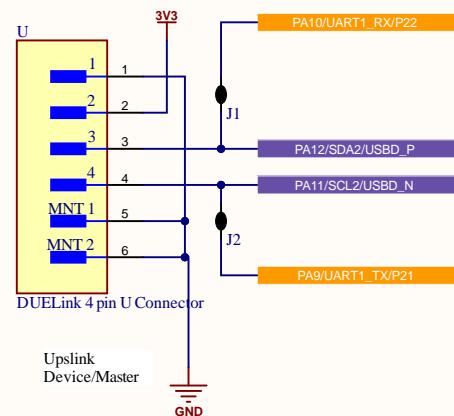
B

C

C

D

D

Title: *DUELink Uplink*

Part #: N/A

Revision: A Date: 11/5/2025 Sheet 5 of 5


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