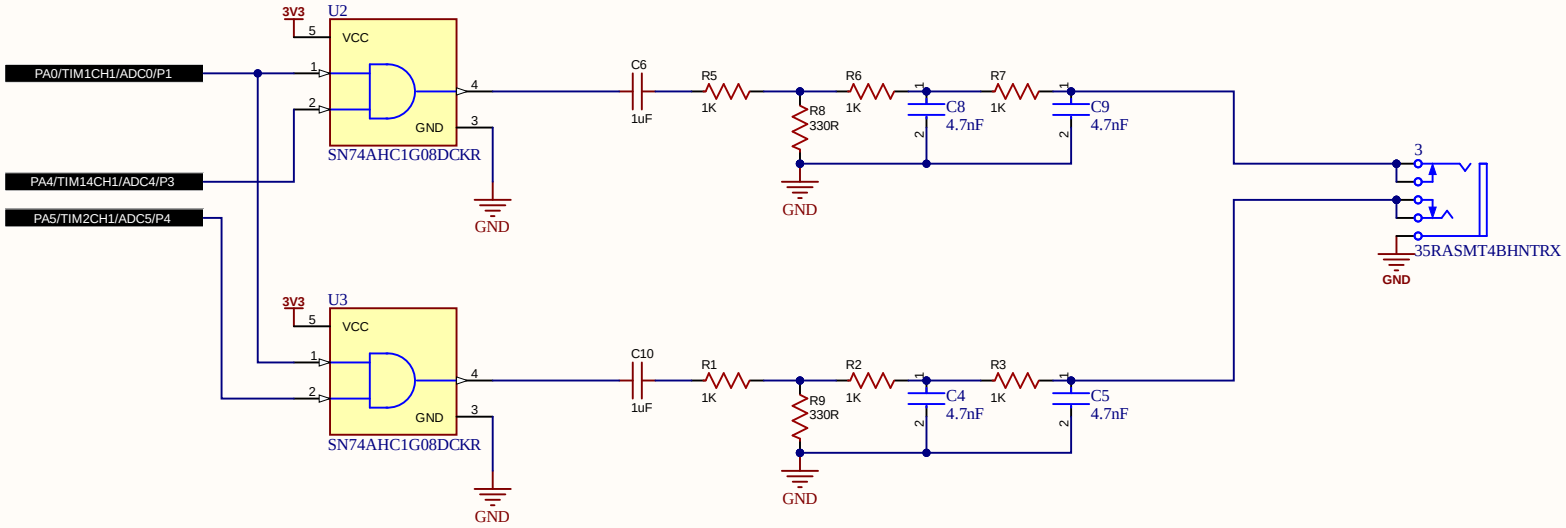

Title: *Retro Sound*			
Part #: GDL-SORETROSND-A			
Revision: A	Date: 12/9/2025	Sheet 1 of 5	

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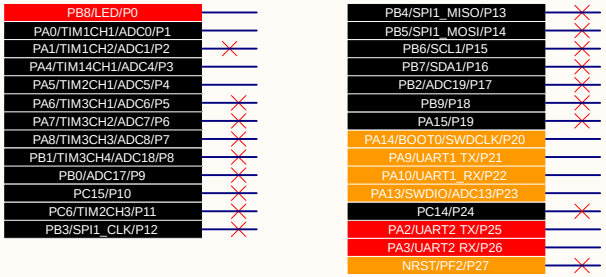
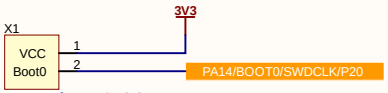
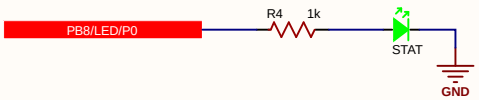




DUELink Boot0 - 3.3V connector



FID1 Fiducial 40 Mil

FID2 Fiducial 40 Mil

FID3 Fiducial 40 Mil

FID4 Fiducial 40 Mil

FID5 Fiducial 40 Mil

FID6 Fiducial 40 Mil

Title: *MISC*			
Part #: N/A			
Revision: A	Date: 12/9/2025	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

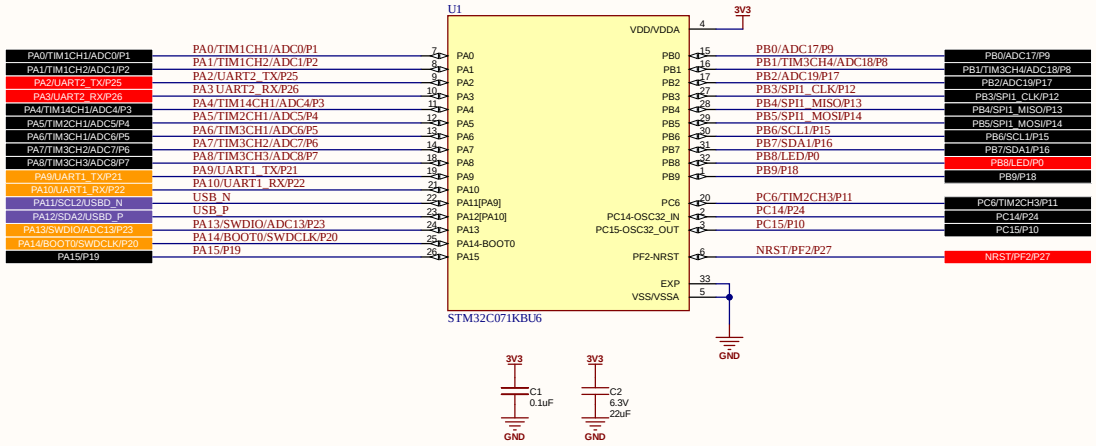
HW PWM: P1, P2, P3, P4, P5, P6, P7, P8, P11
* P1, P2: TIM1
* P3: TIM14
* P4, P11: TIM2
* P5,6,7,8: TIM3

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



Title: DUELink MCU		
Part #: STM32071KBU6		
Revision: v14	Date: 12/9/2025	Sheet 3 of 5

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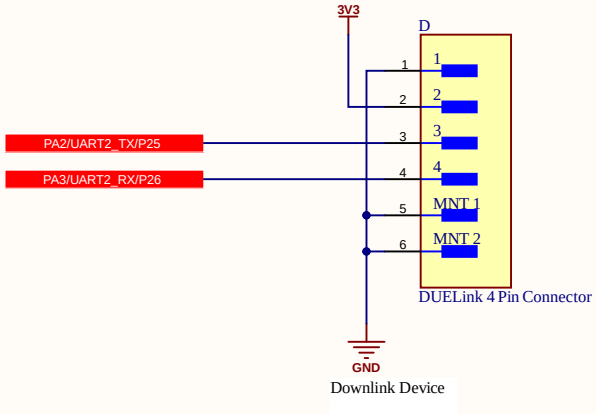

Title: *DUELink Downlink*			
Part #: N/A			
Revision: A	Date: 12/9/2025	Sheet 4 of 5	

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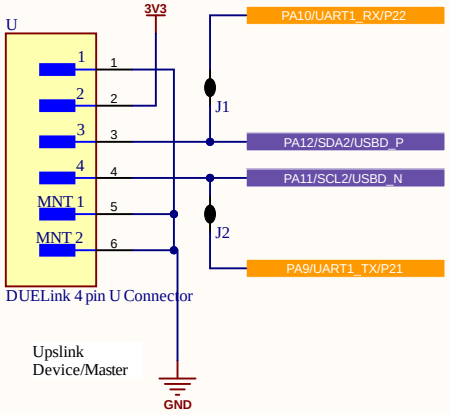

Title: *DUELink Uplink*			
Part #: N/A			
Revision: A	Date: 12/9/2025	Sheet 5 of 5	

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