

A Sun readable IPS display has more LEDs and need a lot more current. We are using regular display.

CTP IPC DERIVED IC: FT5316	
PIN NO.	SIGNAL
1	GND
2	SDA
3	SCL
4	RESET
5	INT
6	NC
7	VDD
8	VDD
9	GND
10	GND

1

2

3

4

A

A

B

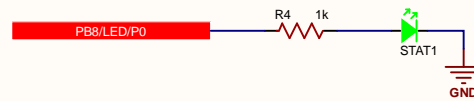
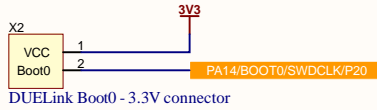
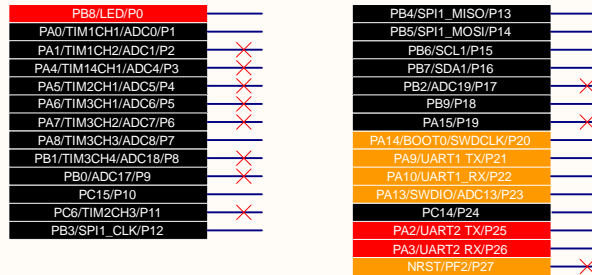
B

C

C

D

D



Fiducial 40 Mil



Fiducial 40 Mil



Fiducial 40 Mil



Fiducial 40 Mil



Fiducial 40 Mil



Fiducial 40 Mil

Title: *DUELink Misc*

Part #: N/A

Revision: B

Date: 9/19/2025

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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

