

Connector: MX1.0--6P Thread:M25

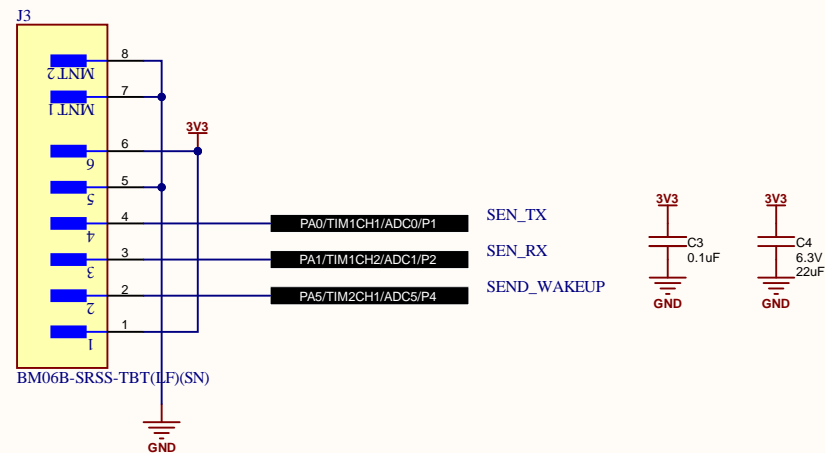
Product external diameter: 28mm Inner diameter:23.5mm Height:19mm



## Serial Communication

Connector: MX1.0--6P

Pin	Name	Description	Pic
1	Power Supply	DC3.3V	
2	GND	Signal ground. Connected to power ground.	
3	TXD	Data output. TTL logical level	
4	RXD	Data input. TTL logical level	
5	WAKEUP	Finger Detection Signal	
6	3.3VT	Touch induction power supply, DC3—6V	



1

2

3

4

A

A

B

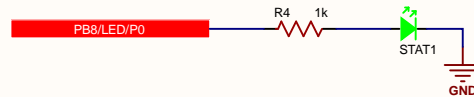
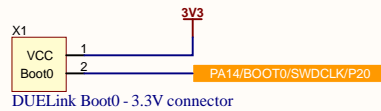
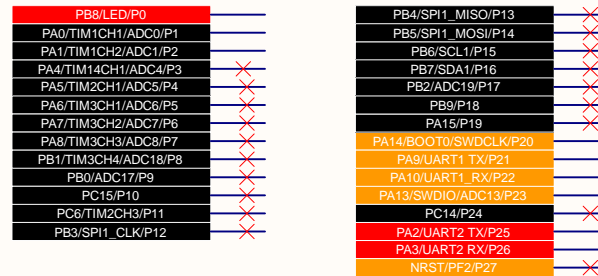
B

C

C

D

D



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: B

Date: 10/28/2025

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1

2

3

4

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





