

A

A

B

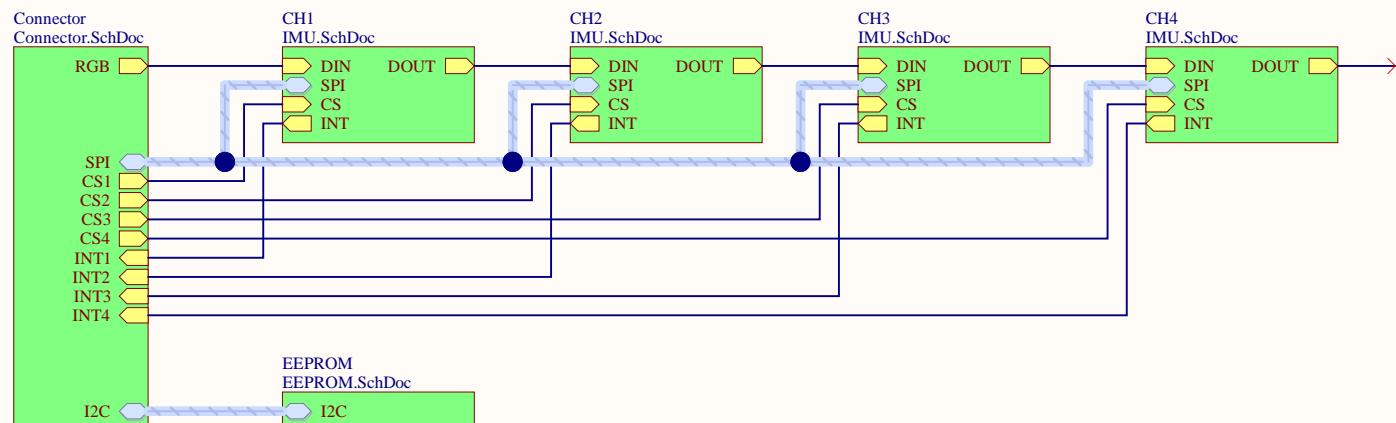
B

C

C

D

D



TITLE		
Main.SchDoc		
SIZE	PROJECT	VERSION
A4	Twintig IMUs	v1.0.5
VARIANT	[No Variations]	SHEET 1 OF 4
AUTHOR	Seb Madwick	DATE 2/16/2026

A

A

B

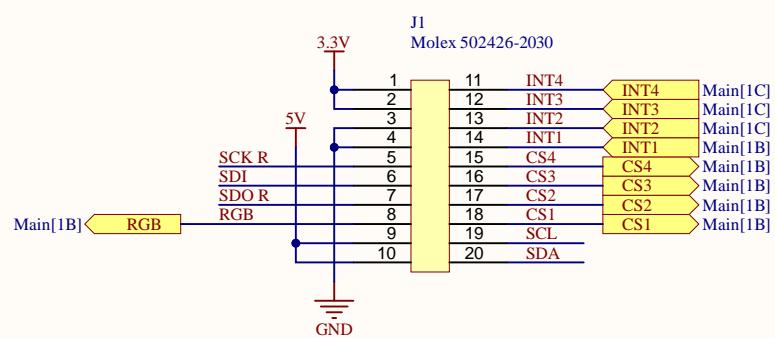
B

C

C

D

D



TITLE		
Connector.SchDoc		
SIZE	PROJECT	VERSION
A4	Twintig IMUs	v1.0.5
VARIANT	[No Variations]	SHEET 2 OF 4
AUTHOR	Seb Madwick	DATE 2/16/2026

A

A

B

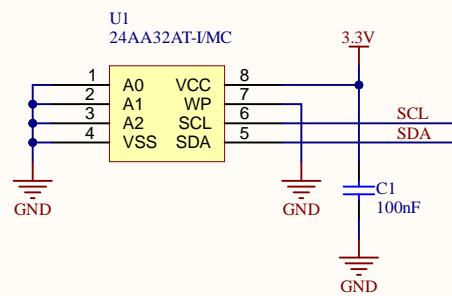
B

C

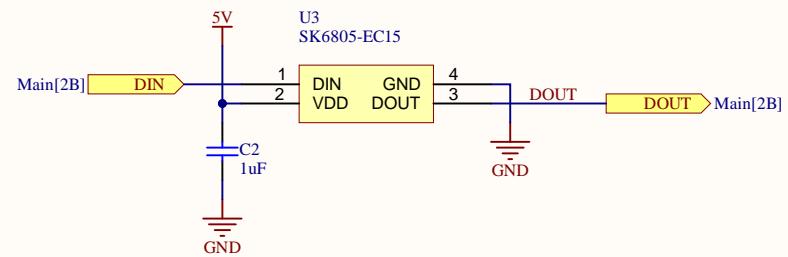
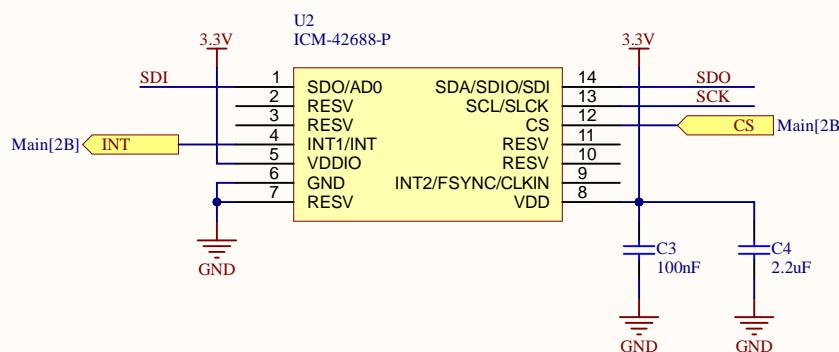
C

D

D



TITLE	
EEPROM.SchDoc	
SIZE	
A4	PROJECT
	Twintig IMUs
VARIANT	[No Variations]
AUTHOR	Seb Madwick
DATE	2/16/2026
SHEET 3 OF 4	



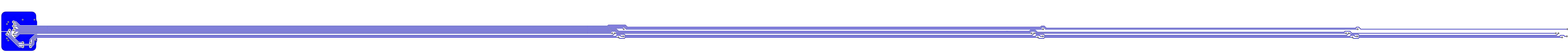
TITLE		IMU.SchDoc	
SIZE	PROJECT	VERSION	
A4	Twintig IMUs	v1.0.5	
VARIANT	[No Variations]	SHEET	4 OF 4
AUTHOR	Seb Madwick	DATE	2/16/2026



Twintig IMUs v1.0.5

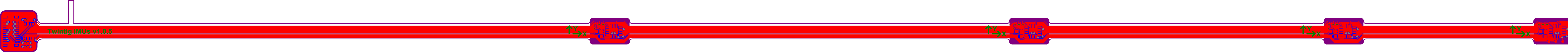


















Designator	Quantity	Comment	Footprint
C1, C3_CH1, C3_CH2, C3_CH3, C3_CH4	5	100nF	Capacitor 0201
C2_CH1, C2_CH2, C2_CH3, C2_CH4	4	1uF	Capacitor 0201
C4_CH1, C4_CH2, C4_CH3, C4_CH4	4	2.2uF	Capacitor 0201
J1	1	Molex 502426-2030	Molex 502426-2030
R1, R2	2	33R	Resistor 0201
U1	1	24AA32AT-I/MC	TDFN-8 2x3mm
U2_CH1, U2_CH2, U2_CH3, U2_CH4	4	ICM-42688-P	ICM-42688-P
U3_CH1, U3_CH2, U3_CH3, U3_CH4	4	SK6805-EC15	SK6805-EC15