

A

A

B

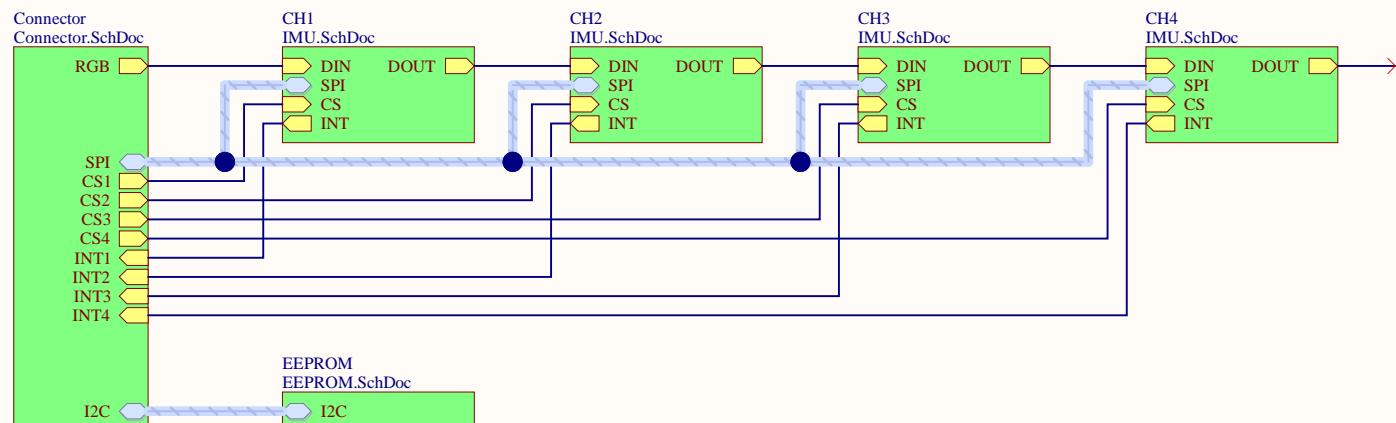
B

C

C

D

D



TITLE
Main.SchDoc

SIZE
A4
PROJECT
Twintig IMUs

VERSION
v1.0.4

VARIANT
[No Variations]

SHEET 1 OF 4

AUTHOR
Seb Madwick

DATE
12/16/2025

A

A

B

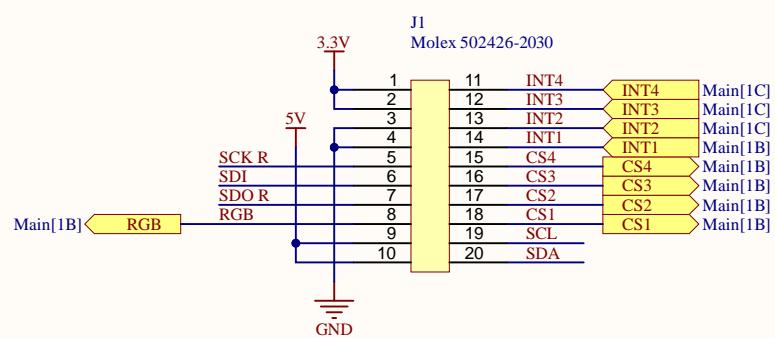
B

C

C

D

D



TITLE
Connector.SchDoc

SIZE A4
PROJECT Twintig IMUs
VERSION v1.0.4

VARIANT [No Variations]
AUTHOR Seb Madwick
DATE 12/16/2025

A

A

B

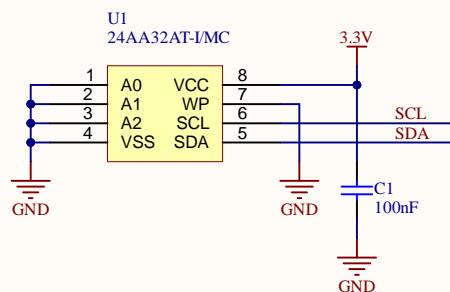
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C

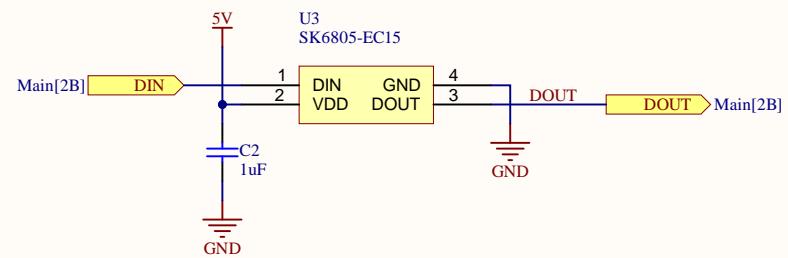
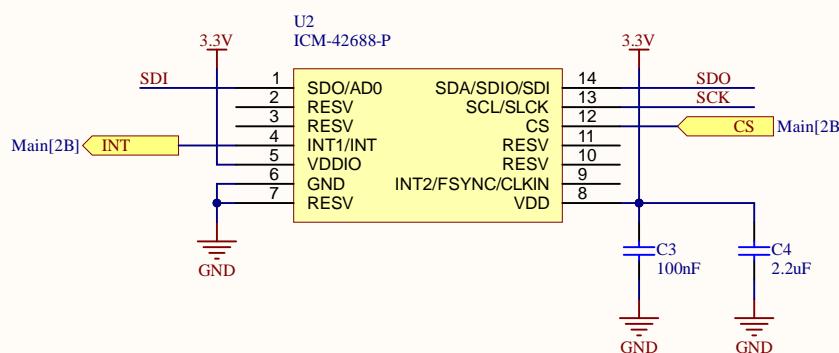
C

D

D



TITLE		
EEPROM.SchDoc		
SIZE	PROJECT	VERSION
A4	Twintig IMUs	v1.0.4
VARIANT	[No Variations]	SHEET 3 OF 4
AUTHOR	Seb Madwick	DATE 12/16/2025

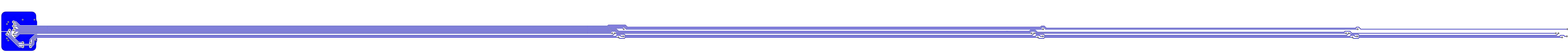


TITLE		
IMU.SchDoc		
SIZE	PROJECT	VERSION
A4	Twintig IMUs	v1.0.4
VARIANT	[No Variations]	SHEET 4 OF 4
AUTHOR	Seb Madwick	DATE 12/16/2025



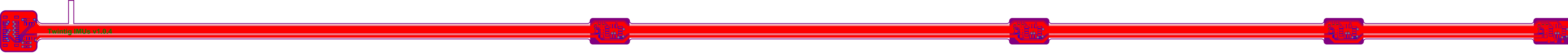












Twintig IMUs v1.0.4







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