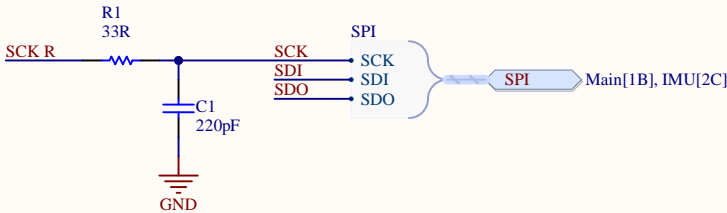
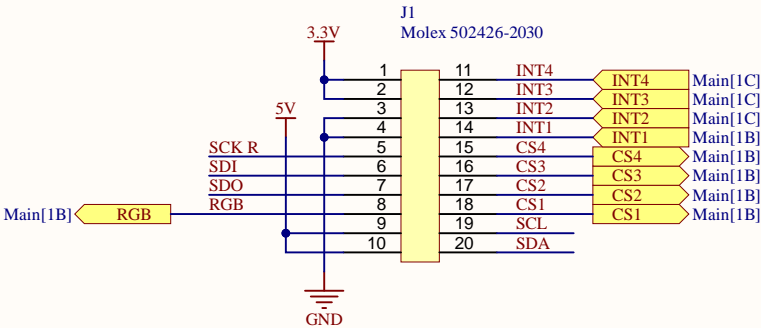
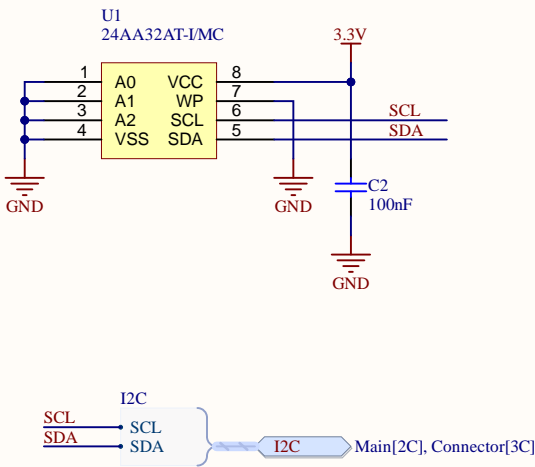


TITLE Main.SchDoc		
SIZE A4	PROJECT Twintig IMUs	VERSION v1.0.2
VARIANT [No Variations]		SHEET 1 OF 4
AUTHOR Seb Madgwick		DATE 5/19/2025

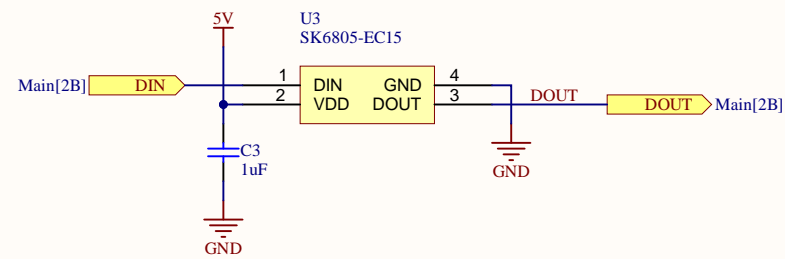
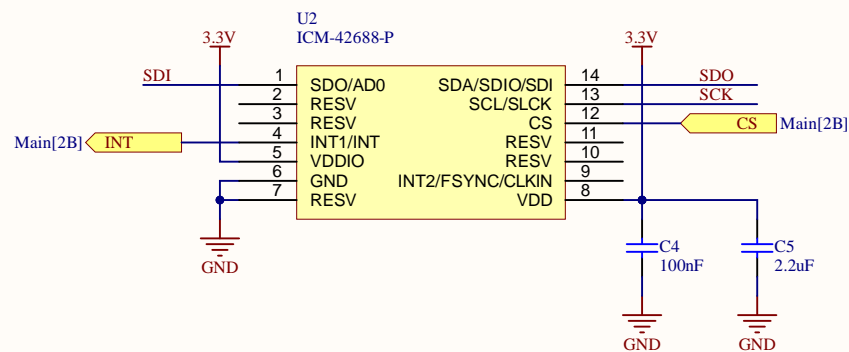


Filter cutoff frequency of R1 and C1 = 22 MHz

	TITLE Connector.SchDoc	
	SIZE A4	PROJECT Twintig IMUs
VARIANT [No Variations]		VERSION v1.0.2
AUTHOR Seb Madgwick		SHEET 2 OF 4
		DATE 5/19/2025



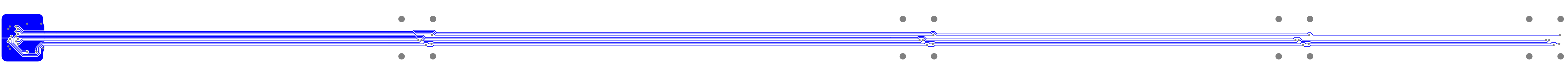
TITLE		EEPROM.SchDoc	
SIZE	PROJECT	VERSION	
A4	Twintig IMUs	v1.0.2	
VARIANT	[No Variations]	SHEET	3 OF 4
AUTHOR	Seb Madgwick	DATE	5/19/2025



Twintig IMUs v1.0.2



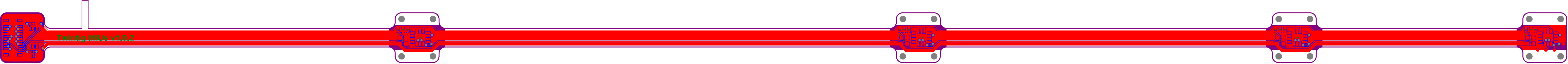


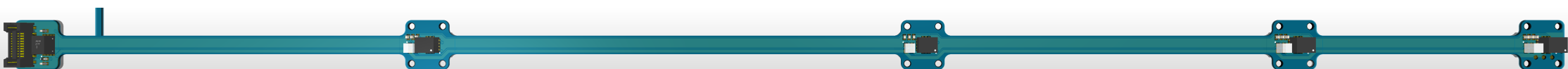




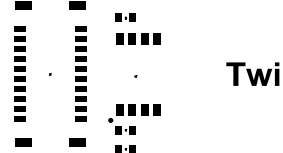












Designator	Quantity	Comment	Footprint
C1	1	220pF	Capacitor 0201
C2, C4_CH1, C4_CH2, C4_CH3, C4_CH4	5	100nF	Capacitor 0201
C3_CH1, C3_CH2, C3_CH3, C3_CH4	4	1uF	Capacitor 0201
C5_CH1, C5_CH2, C5_CH3, C5_CH4	4	2.2uF	Capacitor 0201
J1	1	Molex 502426-2030	Molex 502426-2030
R1	1	33R	Resistor 0201
U1	1	24AA32AT-I/MC	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