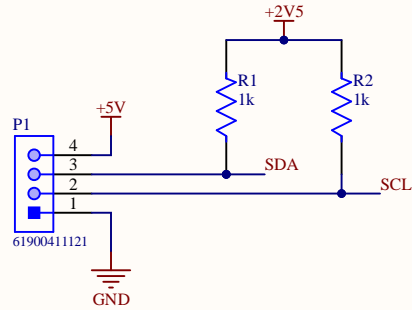
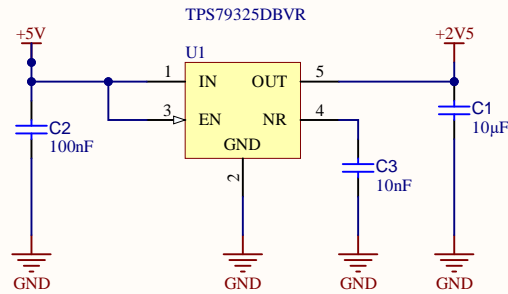


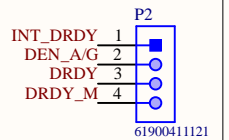
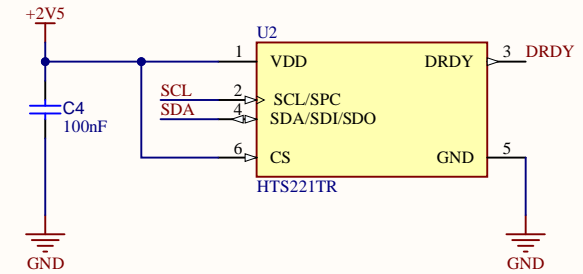
4 pin Header



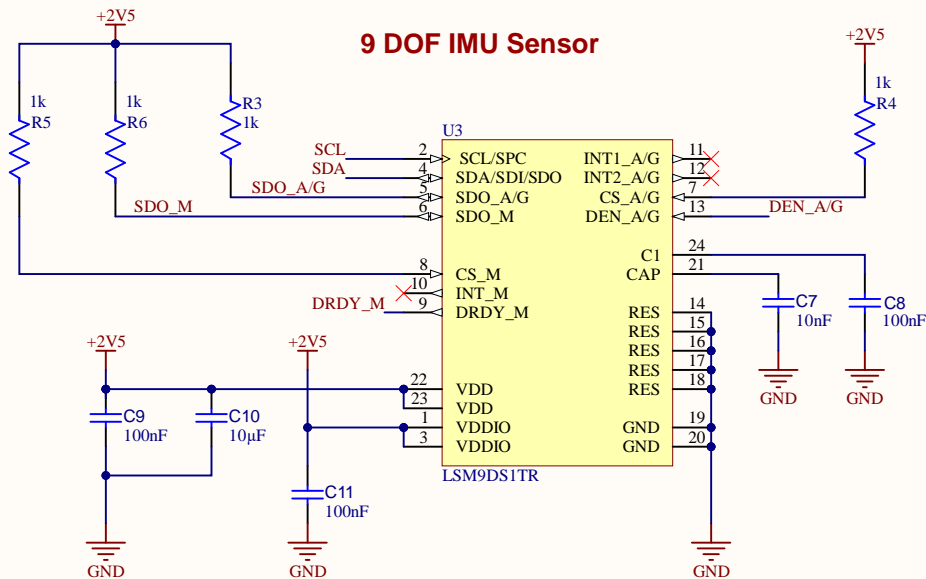
5V to 2V5 LDO Regulator



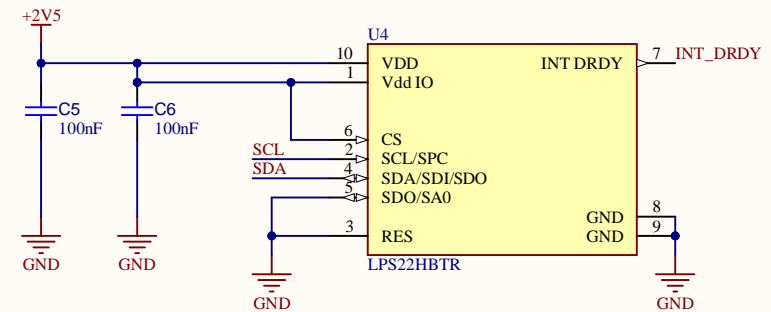
Humidity and Temperature Sensor




9 DOF IMU Sensor



Pressure sensor



	Company: PCB Design by Kevin Villania	
	Project: IMU Sensor.PrjPcb	Variant: [No Variations]
Title: 9 Axis Sensor.SchDoc		Designed By: Kevin Villania
Size: A4	DWG NO: 1	Revision: *
Date: 11/09/2021	Sheet 1 of 1	

Comment	Description	Designator	Footprint	LibRef	Quantity
Capacitor 10μF +/- 40% 6.3V 0402	Chip Capacitor, 10μF +/- 40%, 6.3V, 0402, Thickness 0.6 mm	C1	CAPC0402(1005)60_L	CMP-001-00074-3	1
Capacitor 100nF +/- 20% 10V 0402	Chip Capacitor, 100nF +/- 20%, 10V, 0402, Thickness 0.6 mm	C2, C4, C5, C6, C8, C9, C11	CAPC0402(1005)60_L	CMP-001-00061-3	7
Capacitor 10nF +/- 20% 50V 0402	Chip Capacitor, 10nF +/- 20%, 50V, 0402, Thickness 0.6 mm	C3, C7	CAPC0402(1005)60_L	CMP-001-00069-3	2
Capacitor 10μF +/- 20% 10V 0603	Chip Capacitor, 10μF +/- 20%, 10V, 0603, Thickness 1 mm	C10	CAPC0603(1608)100_L	CMP-001-00075-4	1
61900411121	Male Locking Header WR-WTB, THT, Vertical, pitch 2.54 mm, 1 x 4 position	P1, P2	61900411121	CMP-1502-00586-1	2
1k	Res Thick Film 0402 1kΩ 1% 0.063W ±100ppm/°C Molded SMD T/R	R1, R2, R3, R4, R5, R6	FP-RC1005-IPC_A	CMP-13261-004451-1	6
TPS79325DBVR	Single Output High PSRR LDO, 200 mA, Fixed 2.5 V Output, 2.7 to 5.5 V Input, 5-pin SOT-23 (DBV), -40 to 85 degC, Green (RoHS & no Sb/Br)	U1	DBV0005A_M	CMP-0394-00287-2	1
HTS221TR	SENS HUMI/TEMP 2.5V I2C 4.5% SMD	U2	FP-HTS221TR-MFG	CMP-2000-06428-2	1
LSM9DS1TR	iNEMO Inertial Module: 3D Accelerometer, 3D Gyroscope, 3D Magnetometer, 1.9 to 3.6 V, -40 to 85 degC, 24-Pin LGA, RoHS, Tape and Reel	U3	STM-LGA-24_3500X3000X1000	CMP-2000-06606-1	1
LPS22HBTR	MEMS NANO PRESSURE SENSOR: 260-1	U4	FP-HLGA-10L-8479831-0	CMP-12182-000004-1	1