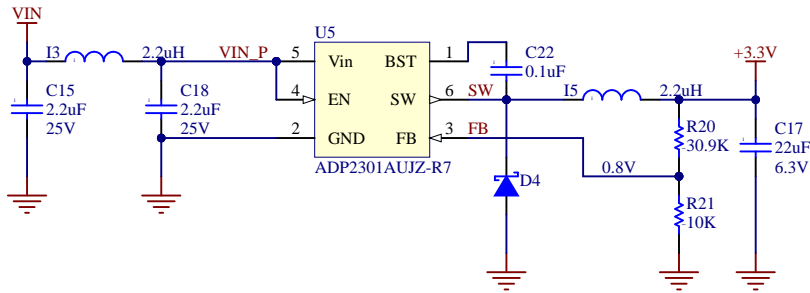
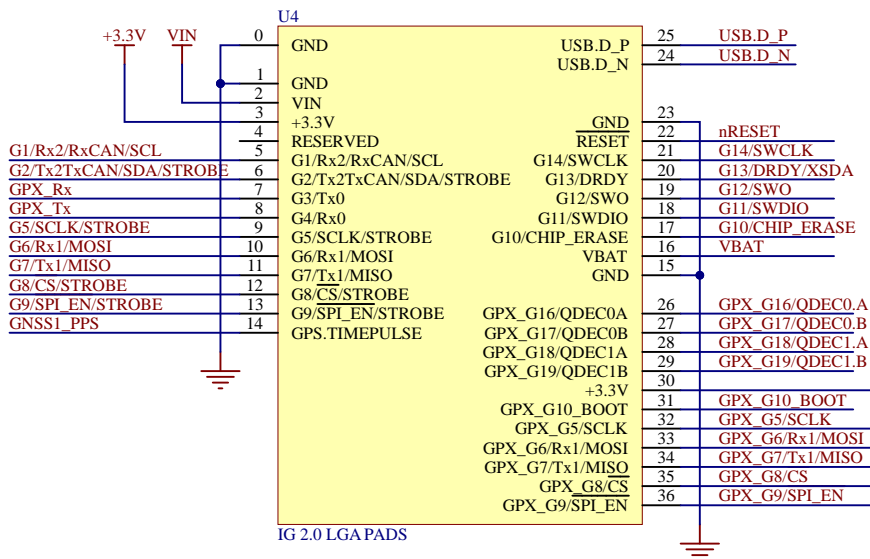


3.3V Supply



IG LGA Pads

Pins 1-14 assignments must match on U4 and H1



Host Connections

GNSS1_PPS
nRESET

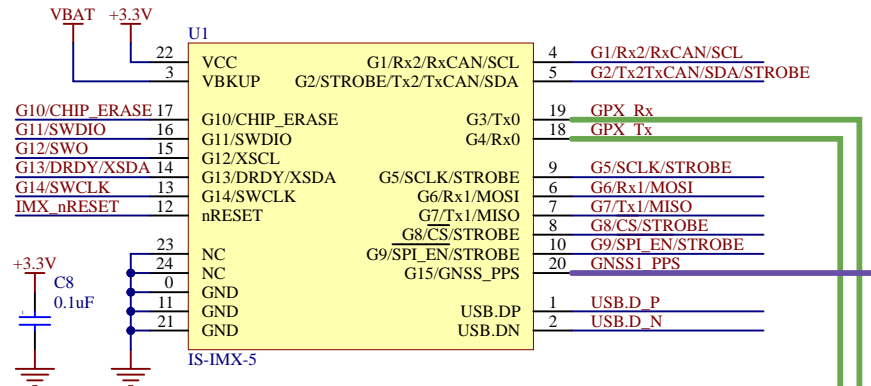
Optional Interface: USB
USB.D_P
USB.D_N

Optional Interface: UART or SPI

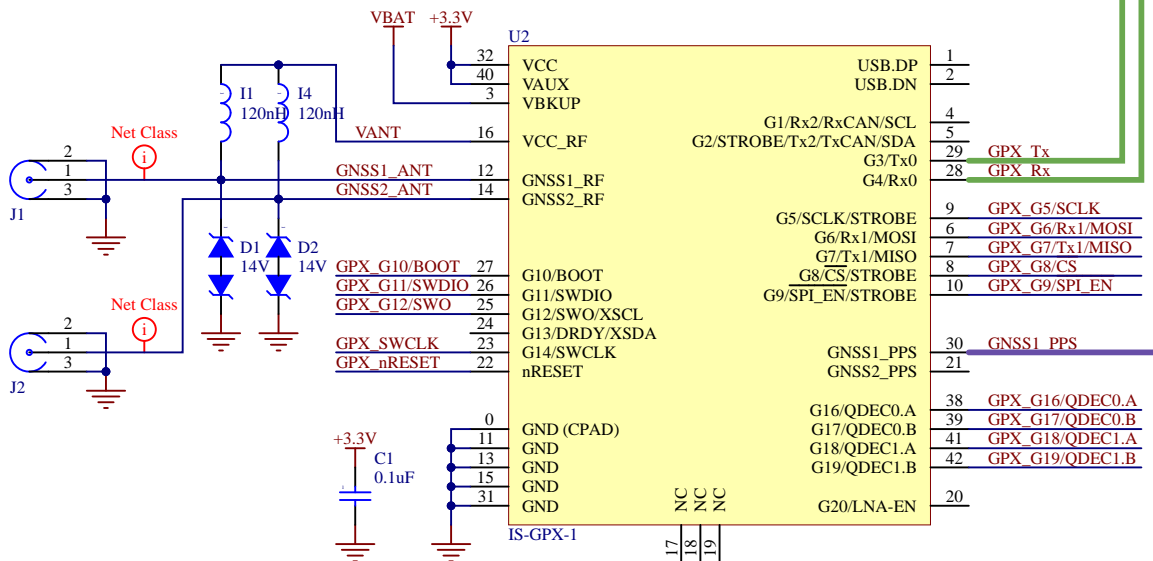
G6/Rx1/MOSI
G7/Tx1/MISO
G5/SCLK/STROBE
G8/CS/STROBE
G9/SPI_EN/STROBE

SPI interface is enabled by holding G9 low during boot up.

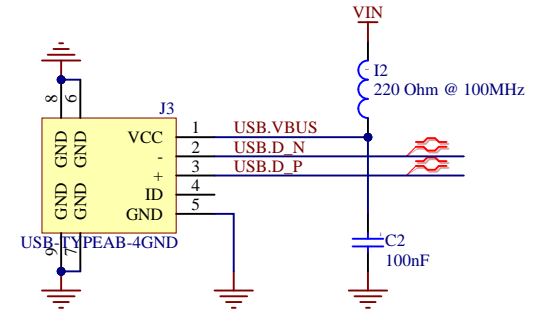
IMX-5 INS Module



Antenna Connections

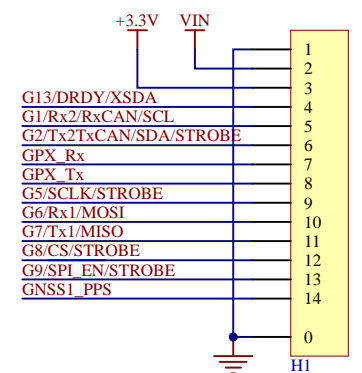


USB Micro Connector

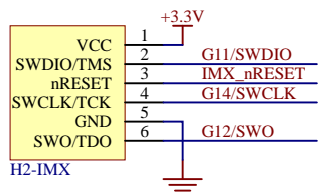


GPX-1 GNSS Module

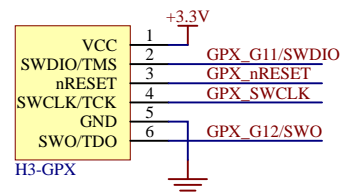
IMX-5 I/O Header




IMX-5 SWD IDC



GPX SWD IDC



CONFIDENTIAL/PROPRIETARY

Project	IMX w/ RTK-GNSS Module		PCB	IS-IG-r2.0		InertialSense 3000 S. Sierra Vista Way Provo, UT 84606 info@inertialsense.com	
Sheet	Connectors		Assy	IS-IG-r2.0.1.0			
Date	3/4/2023	Time	11:37:21 PM	Sheet 1 of 6	Size B		
File	C:_IS\hdw\IS-hdw\Products\IG-2-0\Altium\Source Files\Main.SchDoc						