

Host Connections

GNSS1_PPS
nRESET

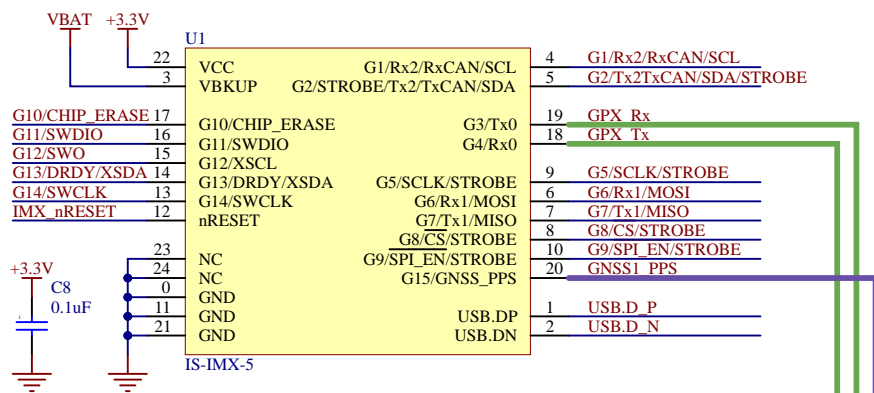
Optional Interface: USB
USB.D_P
USB.D_N

Optional Interface: UART or SPI

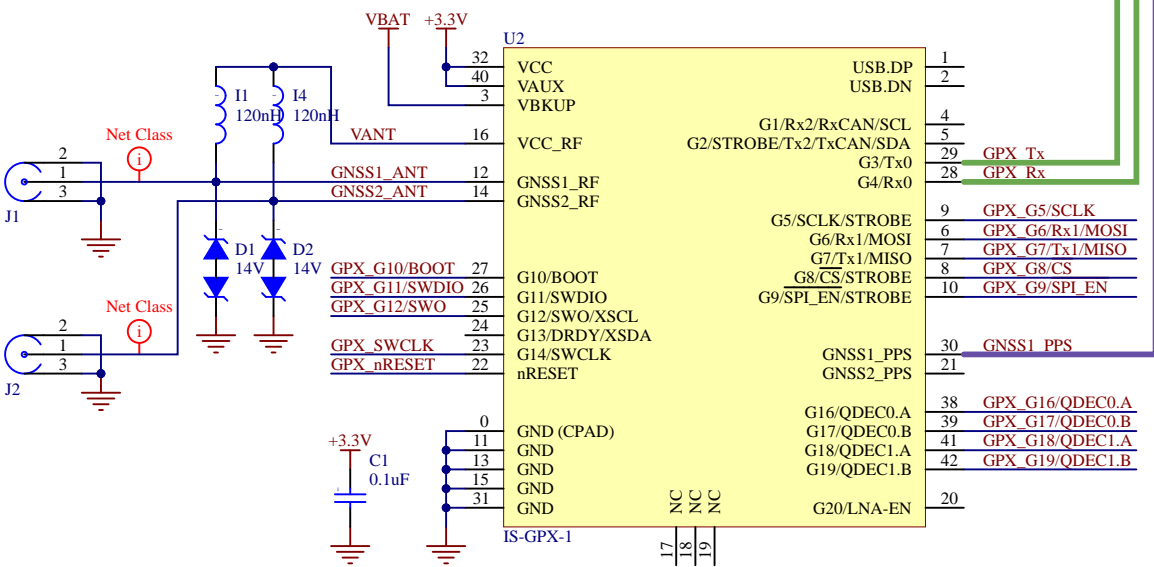
G6/Rx1/MOSI
G7/Tx1/MISO
G5/SCLK/STROBE
G8/CS/STROBE
G9/SPI_EN/STROBE

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

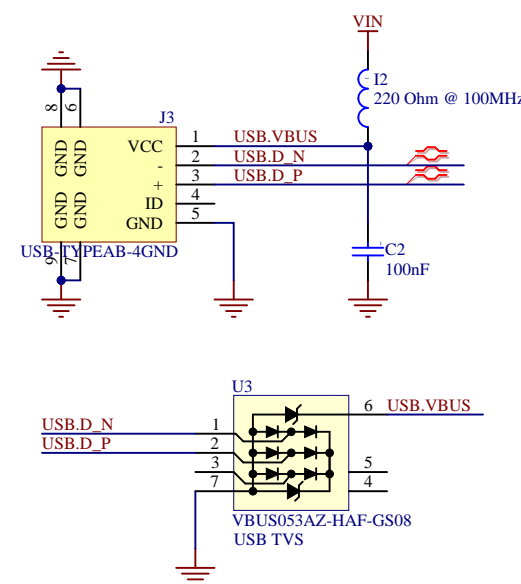
IMX-5 INS Module



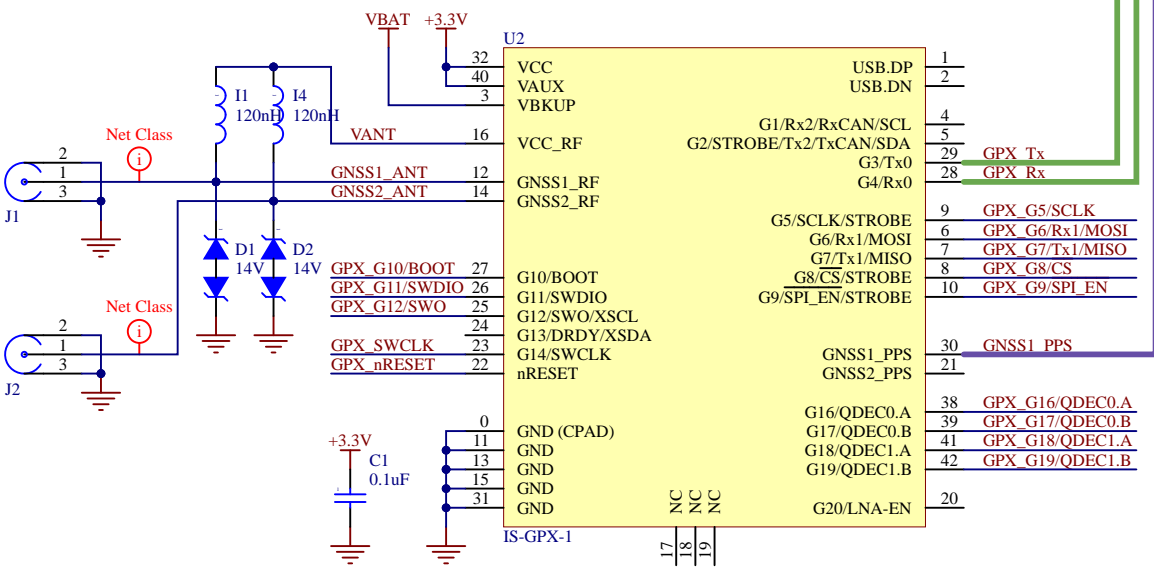
Antenna Connections



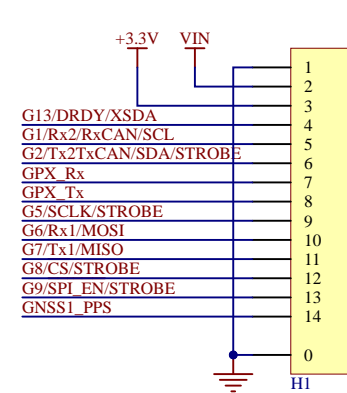
USB Micro Connector



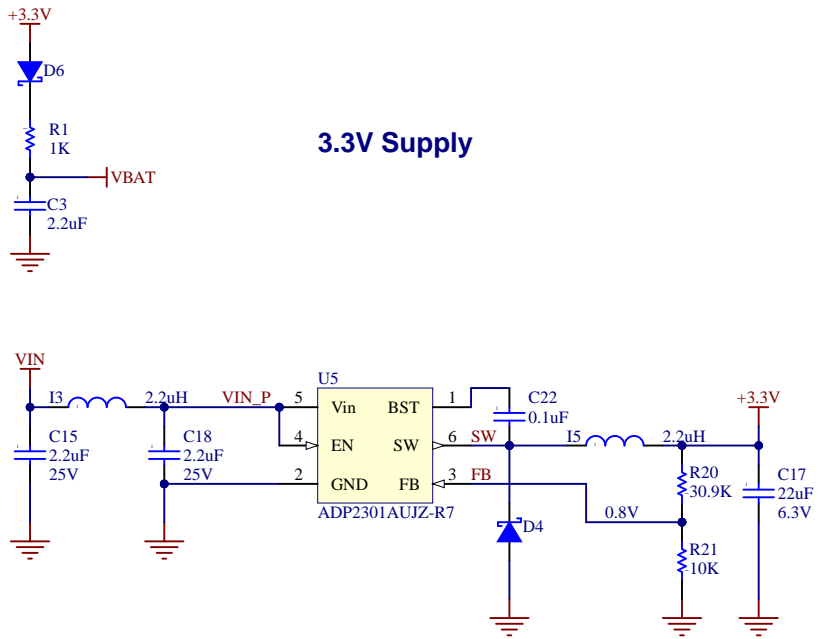
GPX-1 GNSS Module



IMX-5 I/O Header

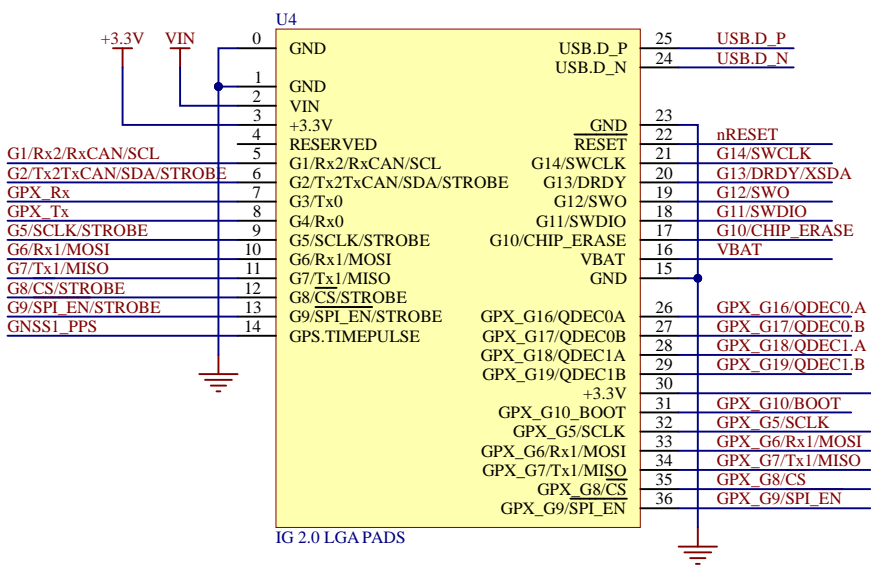


3.3V Supply

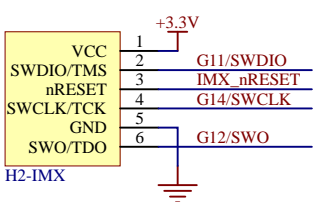


IG LGA Pads

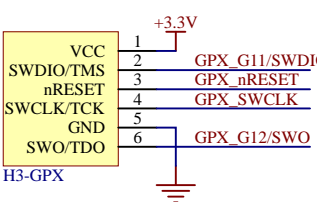
Pins 1-14 assignments must match on U4 and H1




IMX-5 SWD IDC



GPX SWD IDC



CONFIDENTIAL/PROPRIETARY

Project IMX w/ GPX Module		PCB IS-IG-r2.0		InertialSense 3000 S. Sierra Vista Way Provo, UT 84606 info@inertialsense.com	
Sheet Connectors		Assy IS-IG-r2.0.3.0			
Date 5/21/2024	Time 12:28:17 PM	Sheet 1 of 6	Size B		
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