

## Host Connections

GNSS1\_PPS  
nRESET

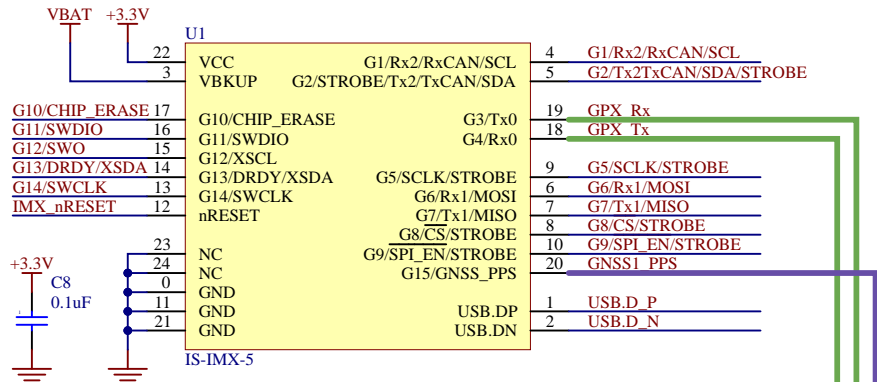
Optional Interface: USB  
USB.D\_P  
USB.D\_N

Optional Interface: UART or SPI

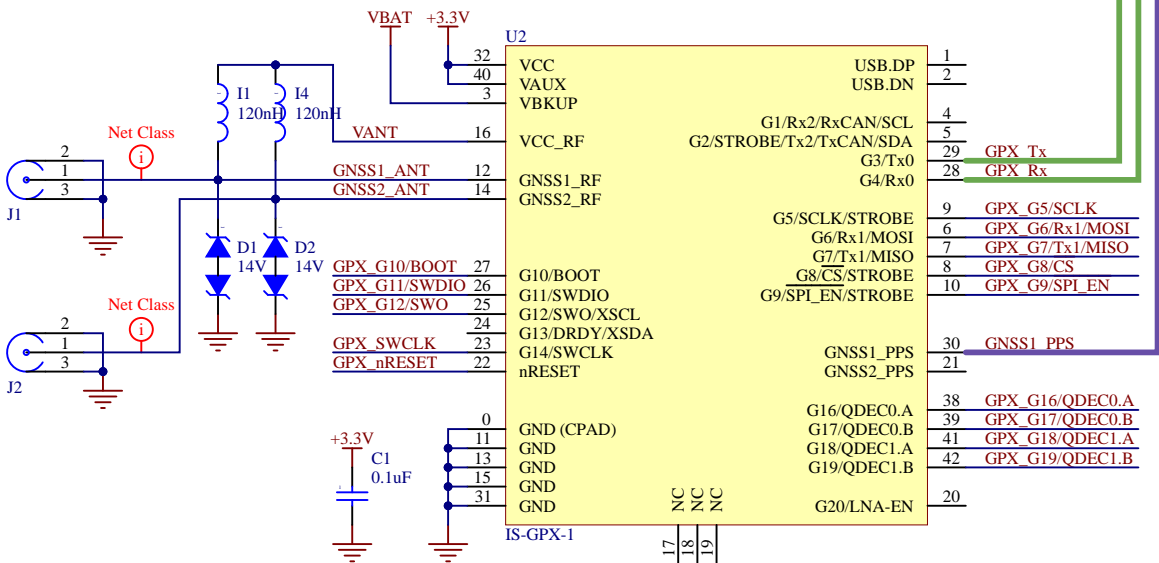
G6/Rx1/MOSI  
G7/Tx1/MISO  
G5/SCLK/STROBE  
G8/CS/STROBE  
G9/SPI\_EN/STROBE

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

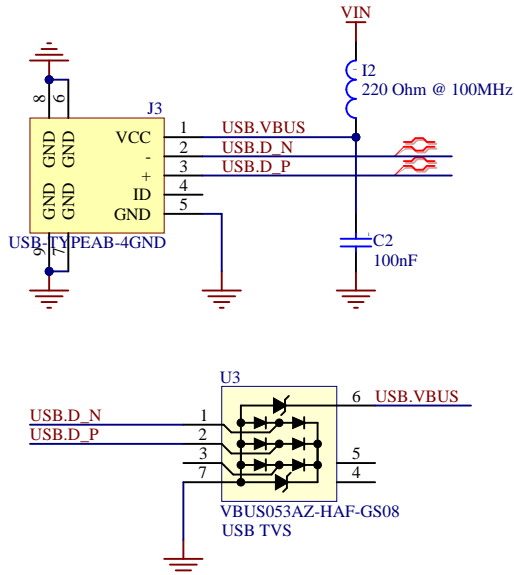
## IMX-5 INS Module



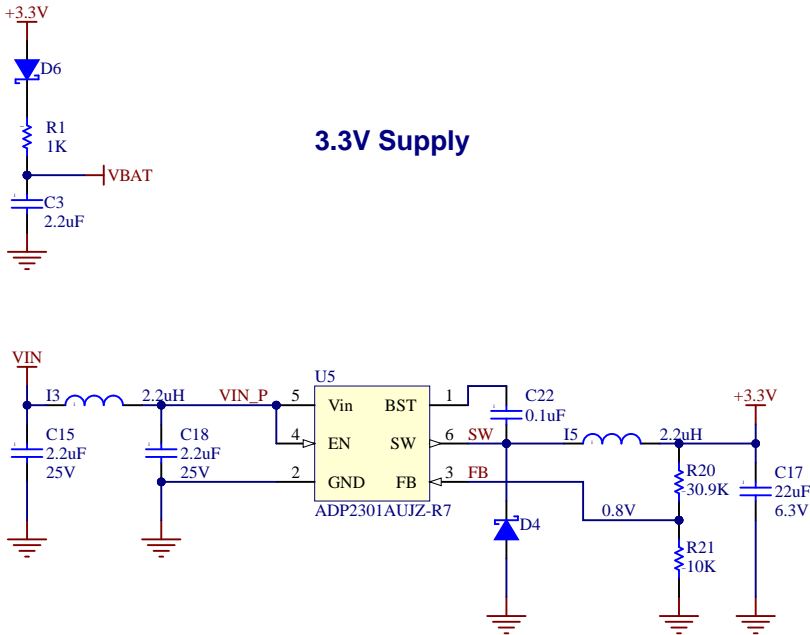
## Antenna Connections



## USB Micro Connector

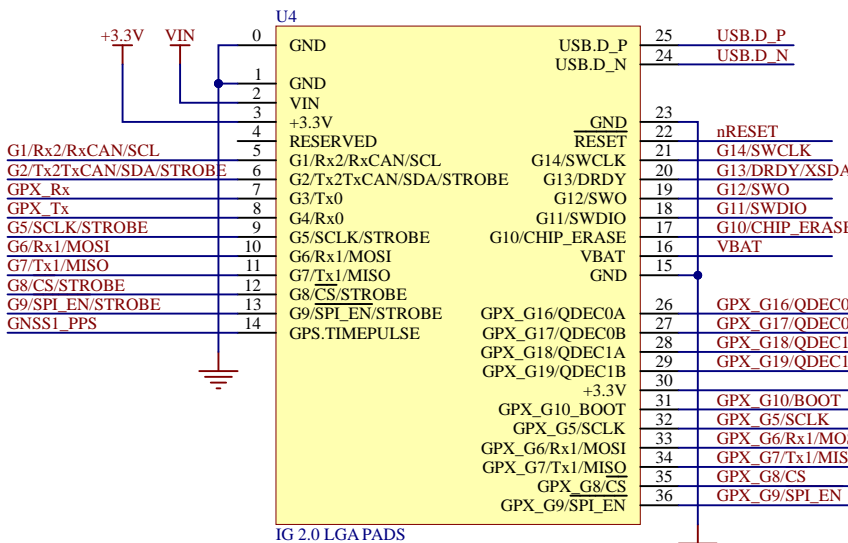


## 3.3V Supply

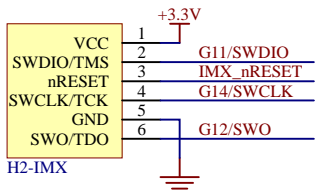


## IG LGA Pads

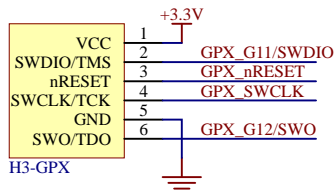
Pins 1-14 assignments must match on U4 and H1



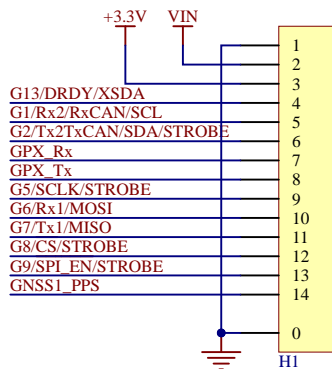
## IMX-5 SWD IDC



## GPX SWD IDC



## IMX-5 I/O Header



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Project	IMX w/ GPX Module	PCB	IS-IG-r2.0	InertialSense	
Sheet	Connectors	Assy	IS-IG-r2.0.3.0	3000 S. Sierra Vista Way	
Date	5/6/2024	Time	11:42:21 PM	Provo, UT 84606	
File	C:\_IS\hdw\IS-hdw\Products\IG-2-0\Altium\Source Files\Main.SchDoc	Sheet	1 of 6	info@inertialsense.com	