*Although your digital Pmod will technically work with any host port on a Digilent FPGA board, there are considerations to make regarding high-speed ports that could improve performance*. The high-speed Pmods use the standard Pmod connector, but have their data signals routed as impedance matched differential pairs for maximum switching speeds. They have 0-Ohm shunts in place of series resistors and therefore allow for much faster switching speeds, but offer no protection against short circuits. *For this reason, we recommend these high-speed ports only be used if your Pmod requires data signals faster than 10 MHz*, or if the standard ports have been used and additional ports are needed. **In either case, caution must be taken not to use voltages higher than 3.3 V, or short FPGA-driven pins. 2A/0.1 to 1.5A**[**https://digilent.com/blog/where-to-plug-in-your-pmod-fpga/**](https://digilent.com/blog/where-to-plug-in-your-pmod-fpga/)The high-speed ports will either be labeled as such directly, or will be identified as having 0 Ohm series protection

