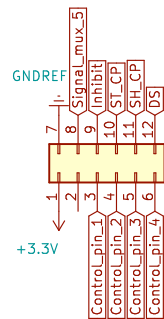


Ribbon connector buttons J1



Ribbon connector potentiometers J2

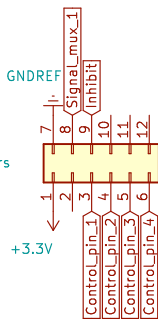


Diagram only shows one setup of analog vs digital multiplexer. To make more inputs, multiply the setup in the extent that's possible.

In theory it's possible to connect 9 analog multiplexers and 6 digital. The amount is then equal to 144 analog and 96 digital inputs.