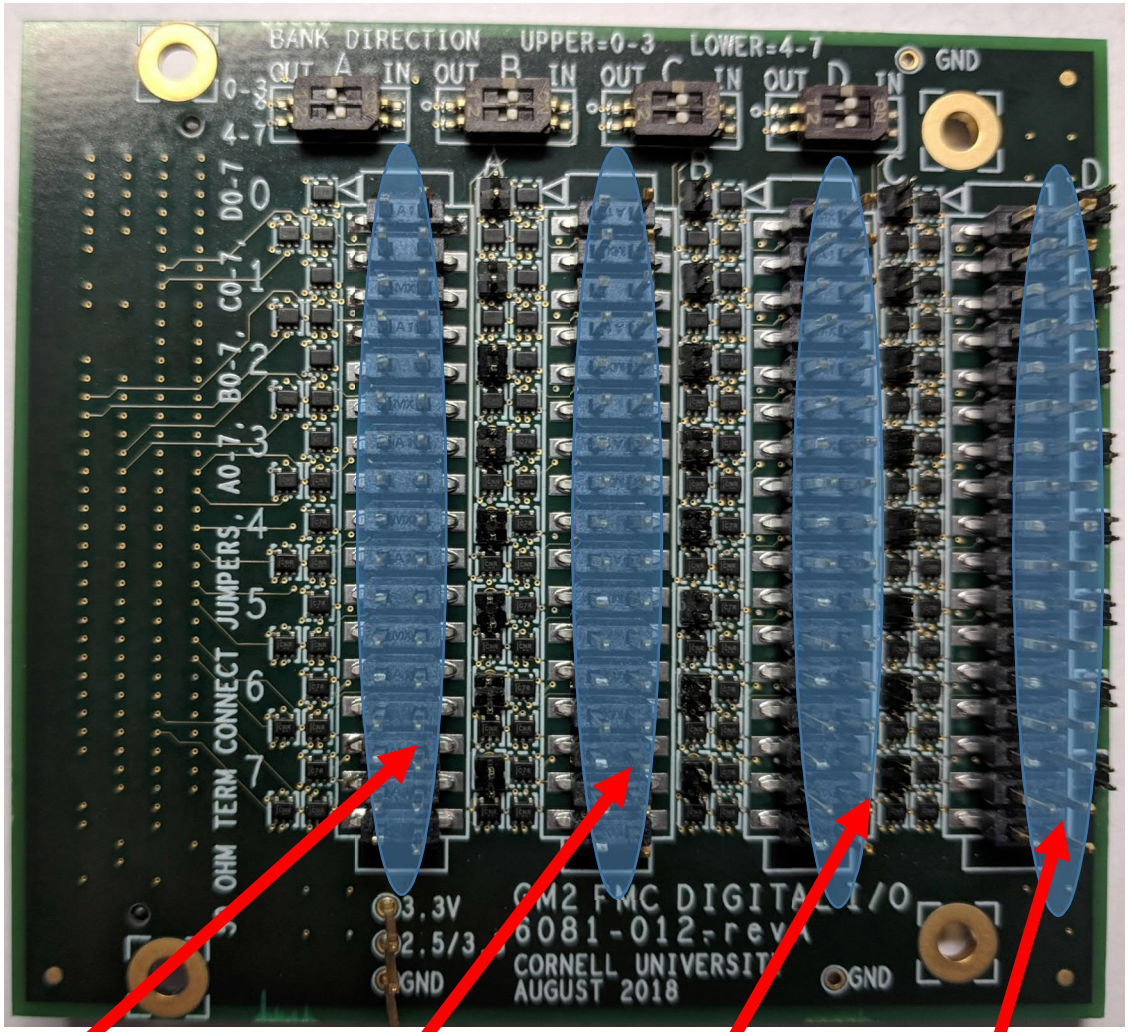
FMC Digital I/O Board



Block “A”
Channels 0-7

Block “B”
Channels 0-7

Block “C”
Channels 0-7

Block “D”
Channels 0-7

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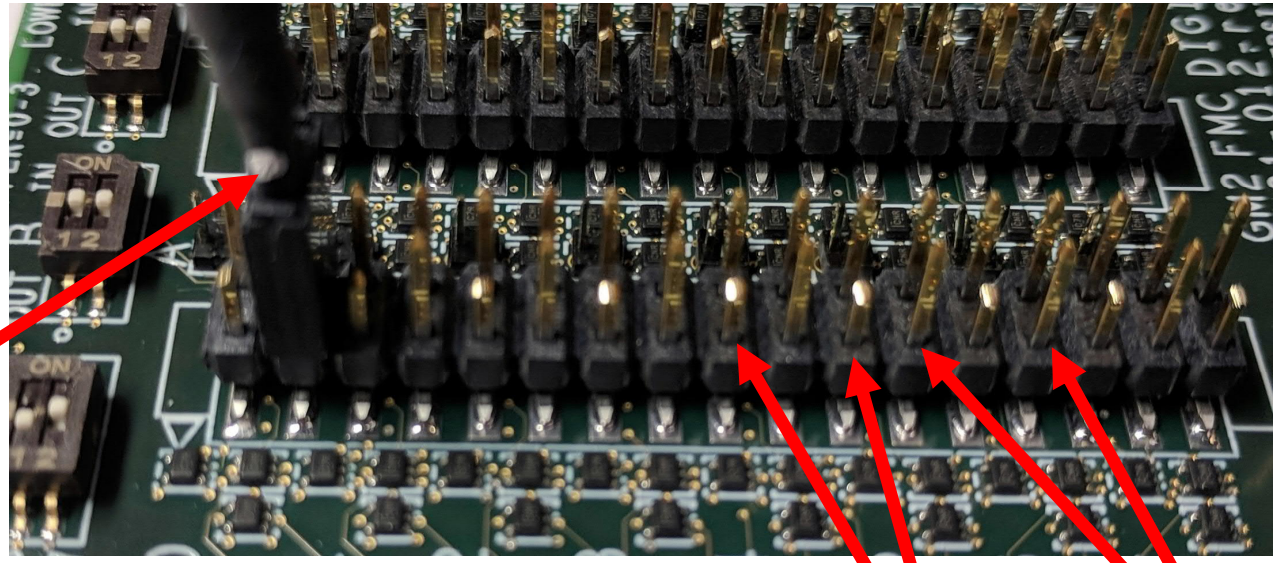

Alternate pins in one row are clipped. The tall (non-clipped) pins are the signal pins. The white-dotted side of the adapter cable denotes the SMA center conductor signal and goes over the long pin.

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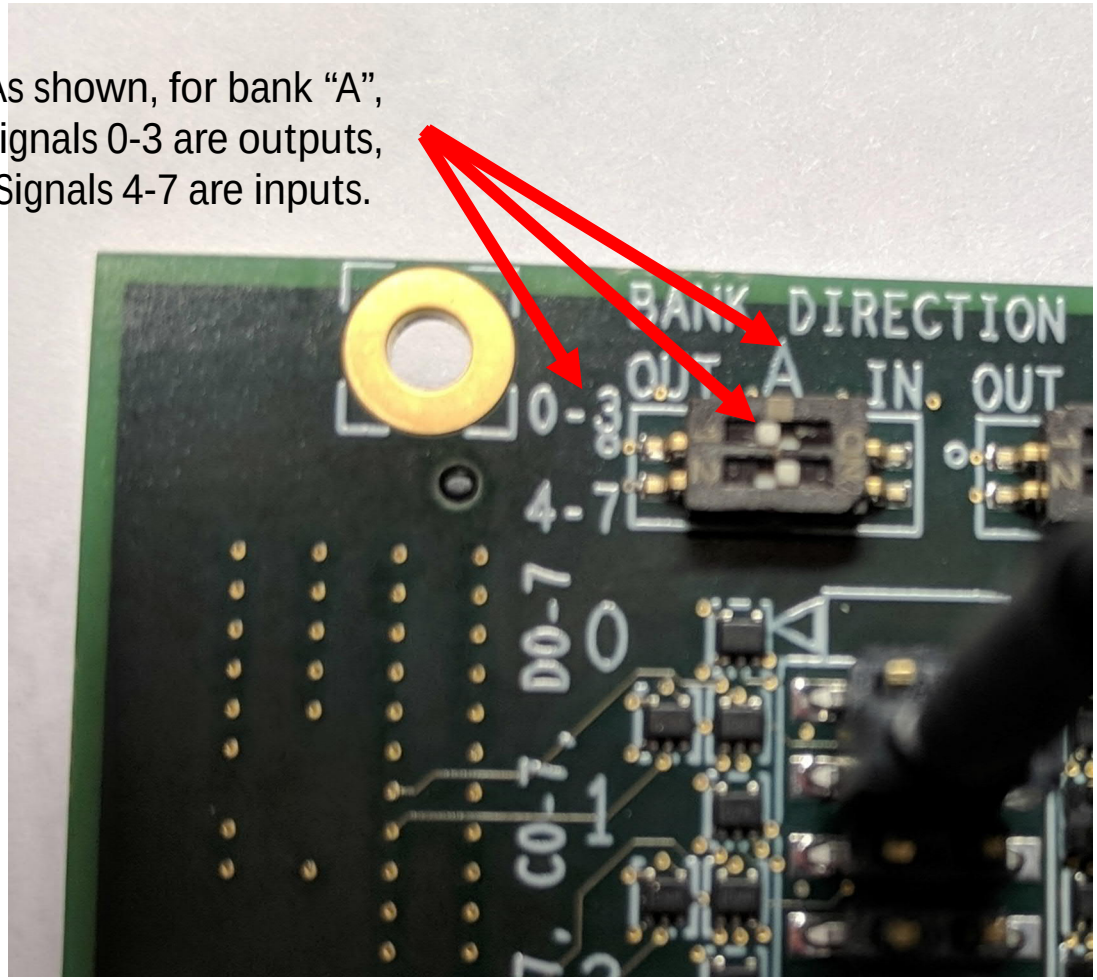
As shown, for bank “A”, signals 0-3 are outputs, Signals 4-7 are inputs.



The DIP switches control the signal direction for a bank of 4 pins. Move the slide towards the word “OUT” to make an output bank. Move the slide towards the word “IN” to make an input bank.

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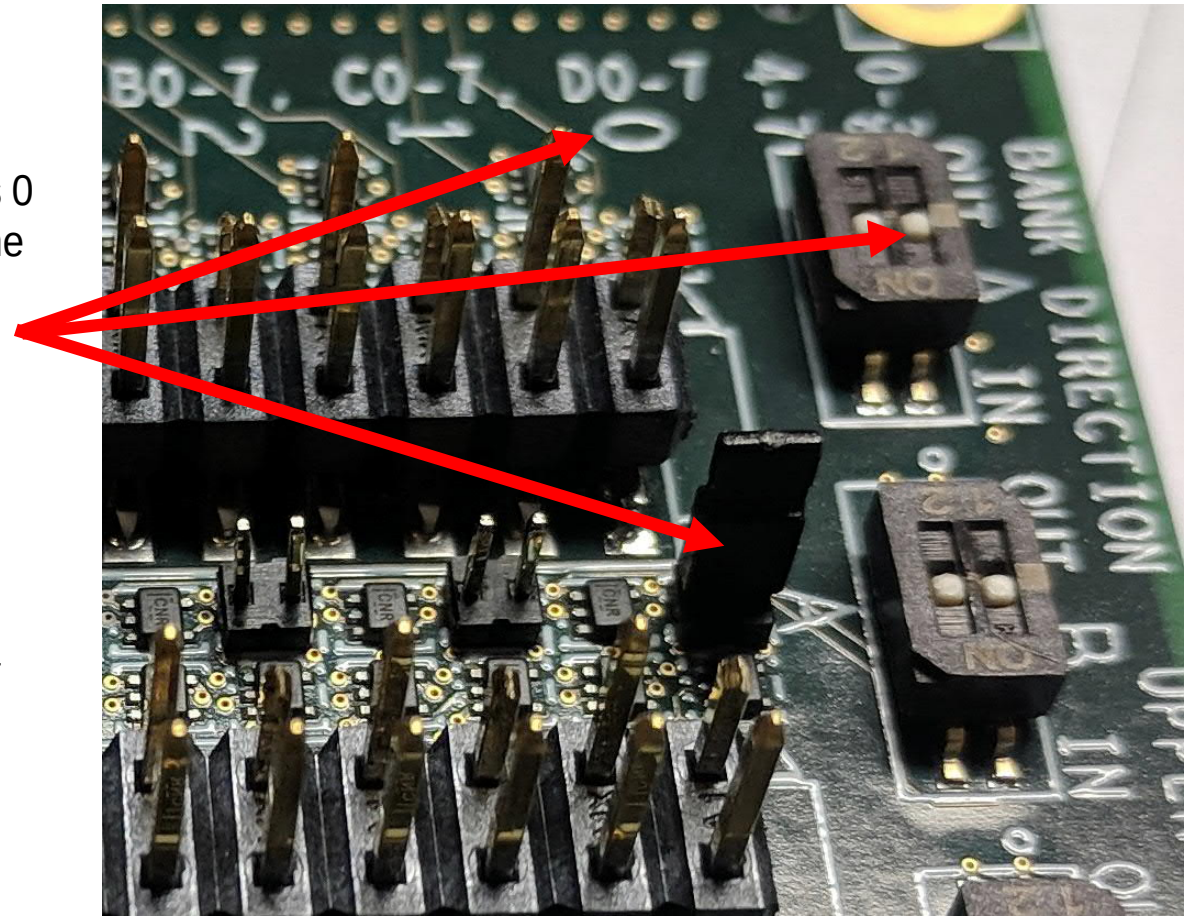
As shown, for bank “A”, channels 0 to 3 are input channels due to the DIP switch setting.

Channel 0 has a 50 ohm input termination due to the presence of a jumper.

Channels 1 and 2 have 1k input resistors due to the absence of a jumper.



The 2-pin headers are used to add a 50 ohm input termination to a channel. Insert a jumper to connect the 50 ohm resistor. Remove a jumper to leave the channel with only a 1k pull-down resistor to ground.

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