

<https://twitter.com/tnt/status/1335354626791665671>

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Turned my #fomu into a usb sound card with midi output and also stereo headphones out. (USB audio spec compliant so all works out of the box)

Code is now upstream :

- FOMU support in no2bootloader (alternate to foboot, better imho for single purpose projects)  
<https://github.com/no2fpga/no2bootloader/>
- USB Audio code (hw/fw) in  
[https://github.com/smunaut/ice40-playground/tree/master/projects/usb\\_audio](https://github.com/smunaut/ice40-playground/tree/master/projects/usb_audio) with support for fomu/icebreaker/bitsy

Ping if you want help port to other boards

Pepijn de Vos @pepijndevos

Wait how do you connect **anything** to the fomu? Solder wires to these capacitive tabs?

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Yeah, I soldered to the 4 IOs.

- #1 is wired as a button for DFU recovery (wired to a N/C pin of DIN plug)
- #2&3 are wired as PDM audio out with RC filter & DC block cap to the 3.5mm jack
- #4 is wired as the MIDI TX pin