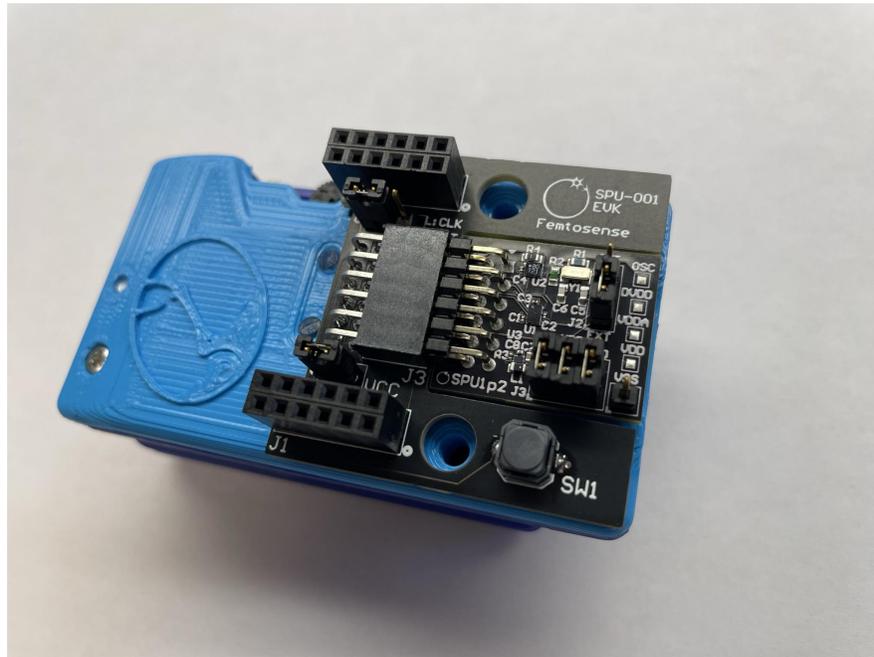


## EVK2 Tympan PCB Adapter Board

The Tympan PCB Adapter Board connects the Tympan to the SPU-001 EVK2 circuit board so that jumper wires are not needed. It also contains a user button marked “SW1” that can be used to toggle the AINR model on and off.

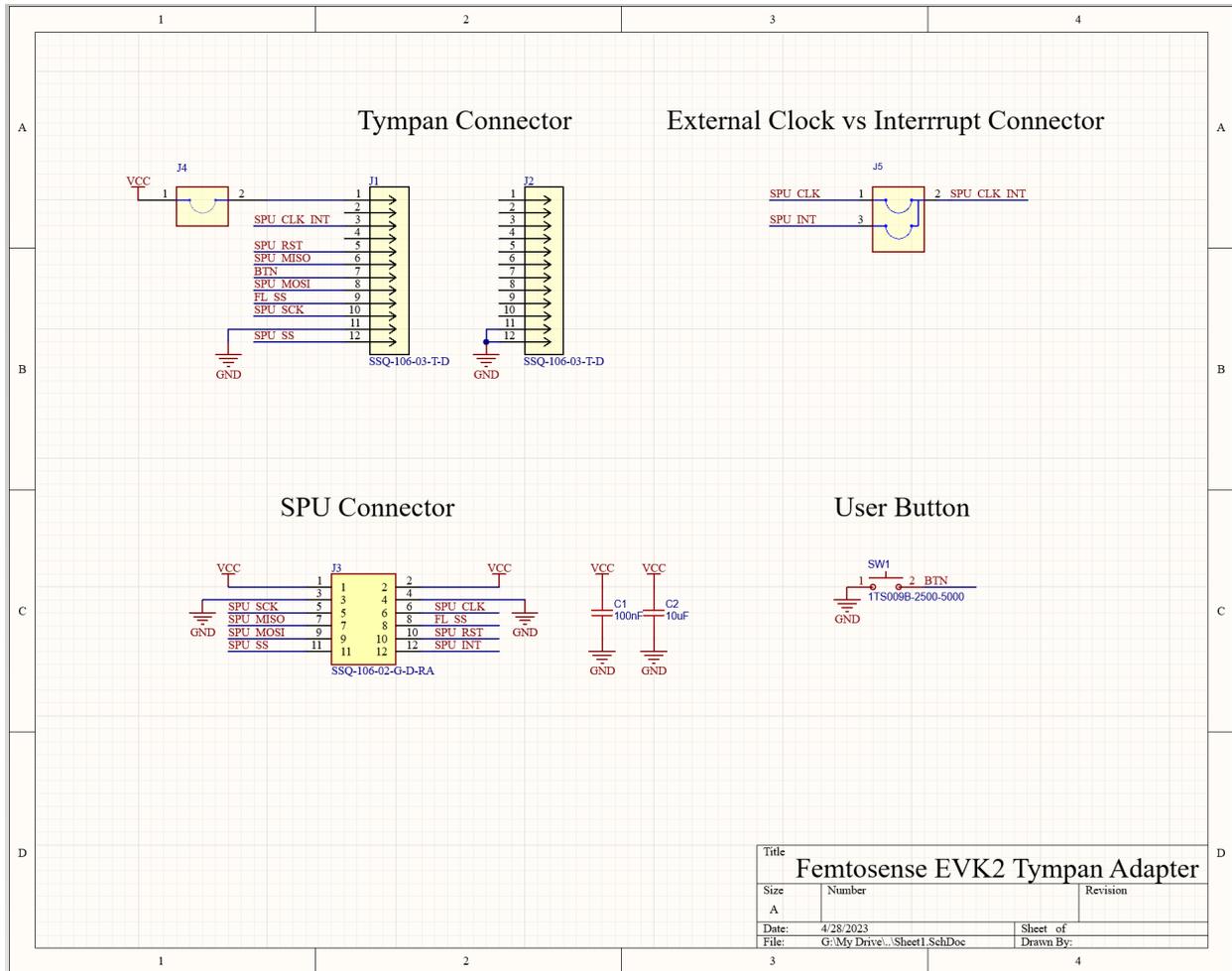
Connect the board between the Tympan and the SPU-001 EVK2 circuit board as shown in the following photo. The PCB should be oriented so that it does NOT cover the Tympan LEDs, volume knob, or power switch. The orientation of the text written on the Tympan and the text written on the PCBs is opposite. Plugging in the PCB in the wrong orientation may damage it.

**Note: Power should be turned off when connecting PCBs!**



Correct installation of the Tympan PCB adapter board

Schematic



Jumpers

The jumpers should be configured as follows:

Pins	Description	Configuration
J4 (VCC)	VCC Power Disconnect	connect jumper to enable power rail
J5 (L:CLK R:INT)	External Clock or Interrupt Select	Connect jumper in the left position to connect the external clock to the Tympan. Connect jumper in the right position to connect the interrupt to the Tympan