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AN-8032

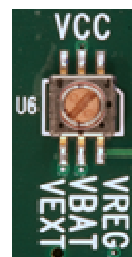
FSA2000 Quick Start Guide

Connect Power

1. Select VBAT for V_{CC} power supply.
2. V_{BUS} is supplied through connected USB cables.

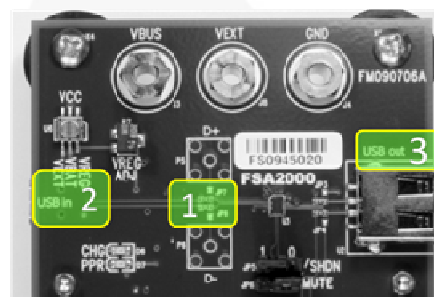
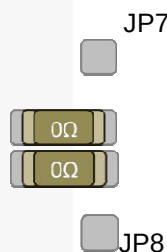
Note:

1. FSA2000 detects V_{BUS} and automatically selects USB path so audio does not play when the USB cable is connected and PPR LED is lit.



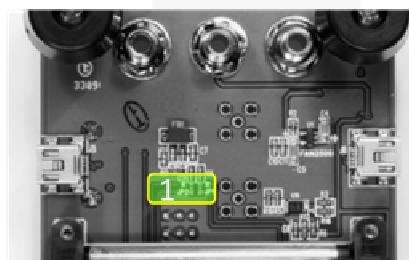
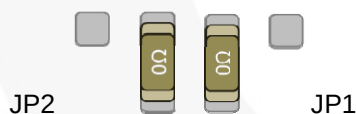
USB Functionality

1. Verify jumpers JP7 and JP8 are in the configuration shown to the right, which selects the USB data inputs from Mini-AB USB connector J6, labeled “USB In.”
2. Attach USB cable to Mini-AB connector J6 labeled “USB In.” PPR led should turn on when USB power is properly connected.
3. Attach USB device to either the Type-A or Mini-AB USB connectors U2 or J6 which “USB Out.” Only one USB device should be connected at any point.
4. USB connection will be functional at this point.



Audio Functionality

1. Verify jumpers JP1 and JP2 are in the configuration shown below, which selects the audio input from the 3.5mm audio jack.



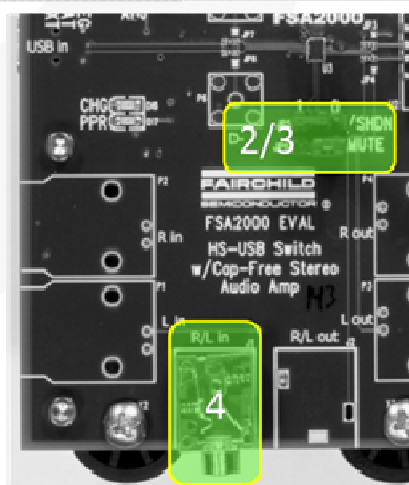
2. Verify jumper JP5 is in the configuration shown below, which sets /SHDN HIGH and enables the audio amplifiers.



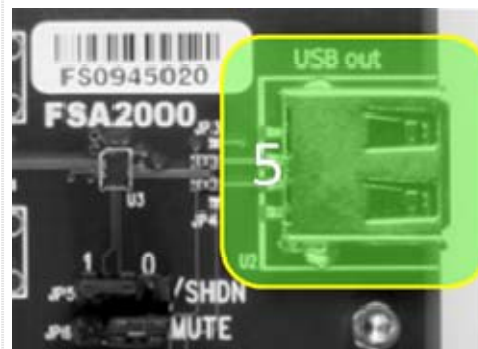
3. Verify jumper JP6 is in the configuration shown below, which sets MUTE LOW and enables audio on the outputs.



4. Connect the audio source to the 3.5mm audio jack, J1, which is labeled “R/L In.”



5. Connect the supplied USB to the 3.5mm adapter in the micro-USB port and connect the headphones in end of adapter.
6. Enjoy the audio capabilities of the FSA2000.



Related Resources

[*FSA2000 — Auto Selecting HS-USB Switch with Cap-Free Headphone Audio Amplifier*](#)

[*FDB323 — FSA2000 Demonstration Board User Guide*](#)

[*FEB322 — FSA2000 Evaluation Board User Guide*](#)

[*AN-8031 — Utilizing the FSA2000 MUTE Function to Reduce Audio “Click” and “Pop”*](#)

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