Mayhew Labs
Go Between Shield
User’s Guide

1. Determine what pins conflict on your shields and decide what pins to use in their place.

2. For the top shield’s pins that get rearranged, put solder jumpers where the pins should switched to on the bottom shield.

3. Place solder jumpers for the pins that should pass directly through from bottom to top - forming a diagonal.

4. Modify your code that interacts with the top shield to use the new pins in place of the old pins.

Tip: solder wick makes removing solder jumpers easy. Place some between a hot soldering iron and the jumper you want to remove and watch it get wicked away!

Example Use:

Shield A uses:
• Digital 2,3,4,10
• Analog 0,3

Shield B uses:
• Digital 2,3,5,6
• Analog 0,4

Shield A now uses:
• Digital 7,8,4,10
• Analog 1,3

Shield B still uses:
• Digital 2,3,5,6
• Analog 0,4

*Digital 2,3 and Analog 0 will not be accessible from the top

Stack onto Arduino