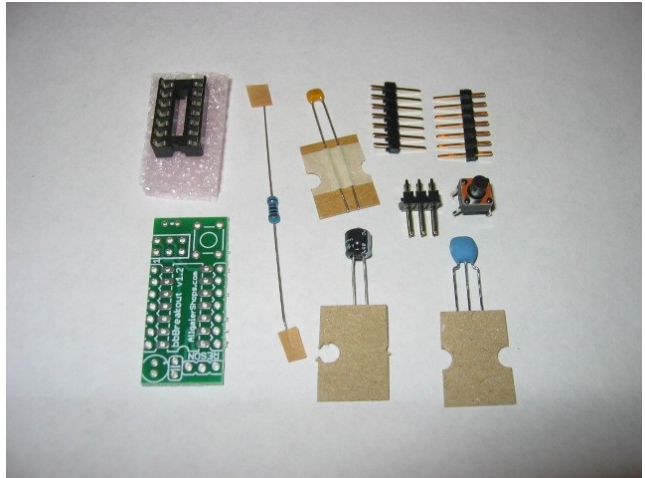


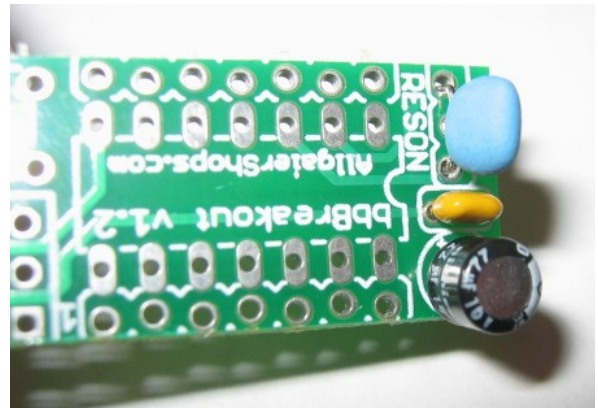
ATTiny24 bbBreakout v1.2 Assembly Instructions

Here's what comes in the kit:

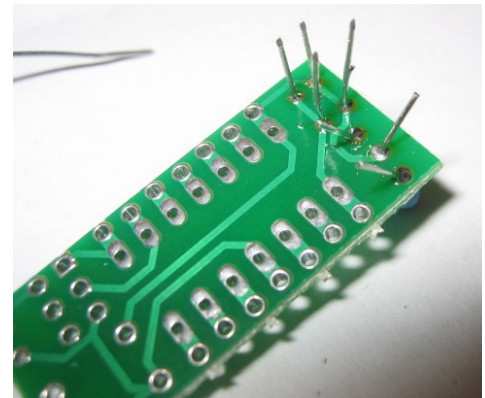
- Breadboard
- 14-DIP socket
- 10k Ohm resistor
- 10uF capacitor
- 0.1uF capacitor
- Button
- 8MHz ceramic resonator
- 6-pin ISP header
- 2x 1x7 pin header



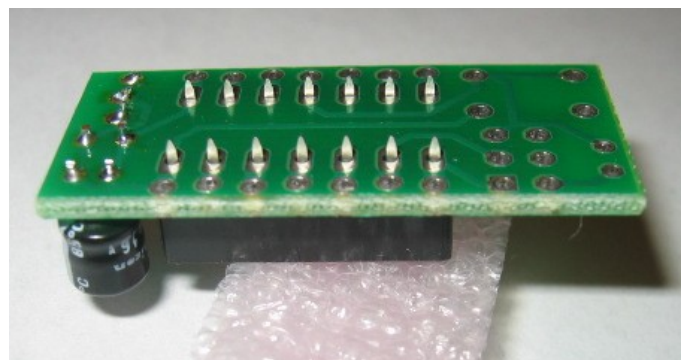
1) Start with the low-profile components: the electrolytic capacitor, 0.1uF capacitor, and the resonator. If you do not plan to use the resonator as an external clock, you can leave it off. If the electrolytic capacitor in your kit is taller, save it for later, and solder it in at the same step as the 6-pin header.



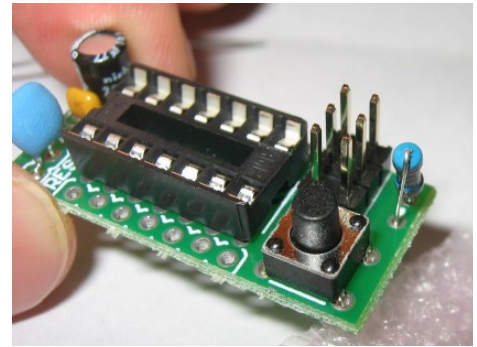
2) Solder on the back side, and snip off the excess leads.



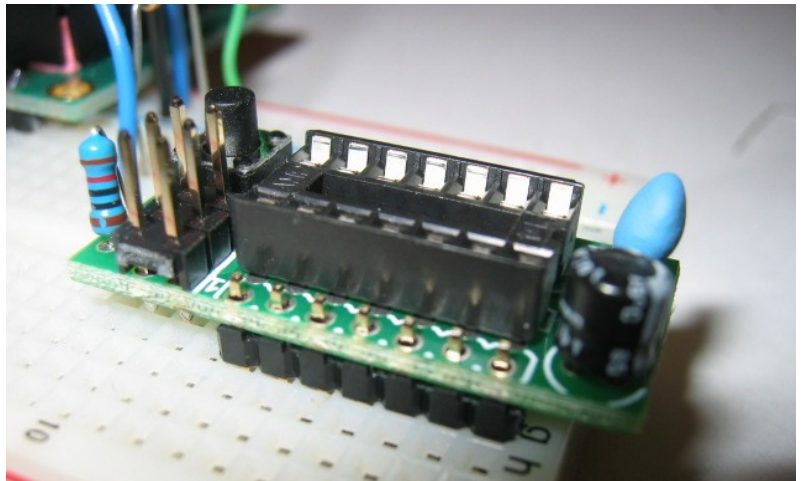
3) Now, insert the the DIP socket. Solder as before. It may help to place something beneath the socket as shown, to make sure it is fully inserted.



4) Next, insert the button, 6-pin ISP header, and resistor as shown. If your kit has a taller electrolytic capacitor, this is a good time to insert that as well. Solder underneath and trim excess leads as before.



5) Insert the pin headers from the bottom of the board, and solder from the top. This might be a little tricky! It may help to insert the headers into a solderless breadboard in order to perform this step.



And you're done!

If you have any questions, comments, suggestions, or derogatory remarks, we'd love to hear it! Send your comments to info@allgaiershops.com.

