familiar

Arduinoboy shield assembly instructions.

Before assembling the shield, make sure you are familiar with Arduinoboy project and how connections are done, software releases, etc...

http://code.google.com/p/arduinoboy/

Also, download Hadesbox's software for dual gameboy control:

https://github.com/hadesbox/dualarduinoboy

Keep in mind that GB link cable is not provided. We strongly recommend to use Nintendo official cables to make sure it will work.
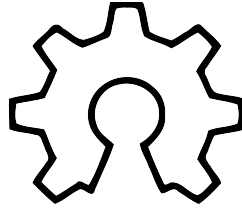
This is suggsted soldering order.

#	Value		ID.
7	2k	Red, black, red	R3, R5, R6, R7, R8, R9, R10
2	220	Red, red, black	R1, R4
1	270	Red, purple, black	R2
1	1N4148	Red with a black stripe (Mind polarity.)	D1
1	6N138	Mind polarity.	OK1

#	Value		ID.
5	LED Green	Long leg positive. Square in pcb negative	KEYBRD, MASTER, MGBOY, NLOOP, SLAVE,
1	LED Red	Long leg positive. Square in pcb negative	STATUS
1	Button		S1
1	Jumper	Do not connect this one unless powering from GB	JP1

Solder pins at the bottom side of the board. We suggest to place them on Arduino board first, then place the PCB and solder. Like this pins will be perfectly stright.

#	Value		ID.
4	GB Conn.	Chain them first. Connectors looking out	GB Gnd-GB 5v, A0-A1,A2-B0,B1-B2
2	MIDI		MIDI IN, MIDI OUT

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