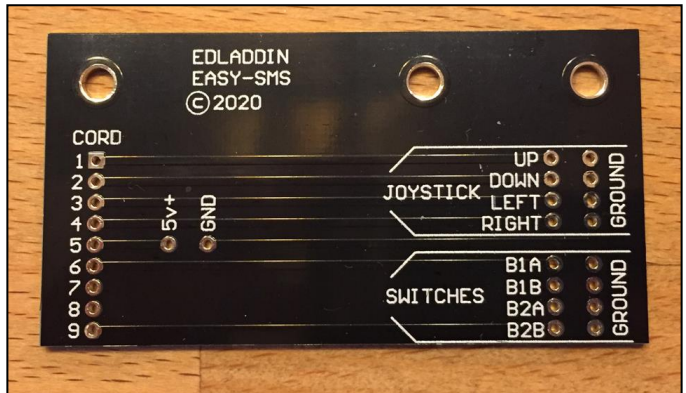




Easy SMS Controller Board

Simplify the process of building a controller for the Sega Master System and Atari 2600 with an Easy SMS controller board. This simple circuit board replaces confusing harnesses and provides easy access to the 5 volt DC line for powering of LED lighting and other low amperage accessories. Three mounting holes are spaced to allow the Easy SMS to be mounted directly on two of the four mounting bolts on most arcade joysticks.



Assembly Tips:

- For best results, pre-tin the ends of all connection wires, then be sure to solder all wires to both sides of the Easy SMS. Clip off any excess on the bottom side of the board.
- Mounting orientation of the joystick directly impacts which leaf or micro-switch is associated with each direction. For best results:
 1. For sticks with separate connections to each switch, hold the stick in each cardinal direction while observing which switch is actually being activated.
 2. For sticks with quick disconnects (as shown below), hold the stick in each cardinal direction while using a test meter to locate the active positive wire and the ground wire (usually black).
- To prevent delicate DB9 cord wires from flexing and breaking, place a bead of hot glue along the junction between the nine wires and the PCB after all soldering is complete. *Note: You MUST use a controller cord that actually has nine wires! A recycled CX-10/CX-40 cord only has six and will not work.*

