

Amiga 2 Mac Floppy, reversed engineered A-Max interface

Module Description

General Description

Video explaining the project from Dr.Dave Diversion's channel, we did this project together: <https://youtu.be/zkYM3wdAgQM?t=42>

The original A-Max II software allowed to emulate a Macintosh computer on the Amiga and provided an interface (Figure 1-Amax II InterfaceFigure 1) to connect an external Apple floppy drive and use it in emulation. It is also compatible with CrossMAC on the Amiga so you can read Mac floppies on the Amiga.

Amiga2MacFloppy (Figure 2) is a recreation of that board without the Mac ROMS that were on the original board, it works all the same with a patch version of A-Max II so that it loads the ROMs from file instead.

It is design to receive the IDC connector directly from a Mac floppy or FloppyEmu. You also have the option to the DB19M to IDC adapter (Figure 3) to connect an external Mac floppy drive.



Figure 1-Amax II Interface

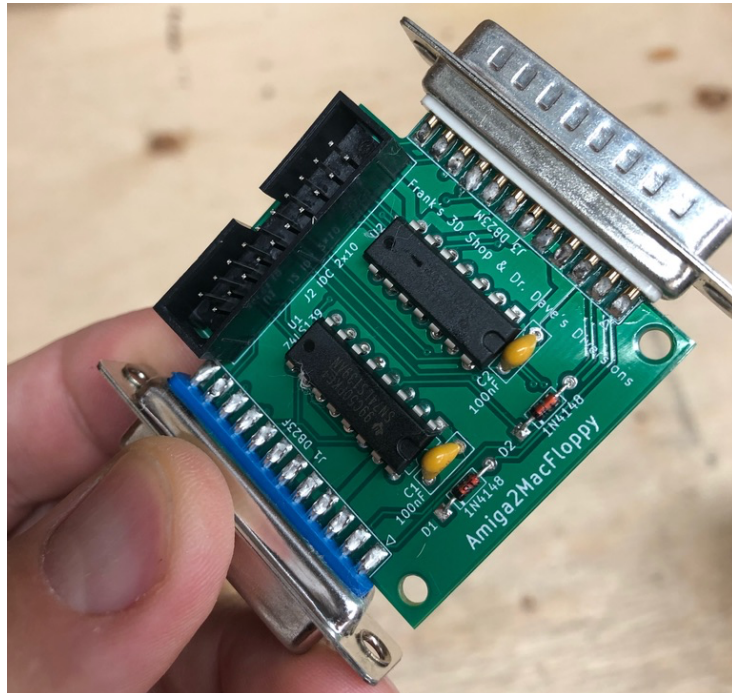


Figure 2: The Amiga2MacFloppy Interface

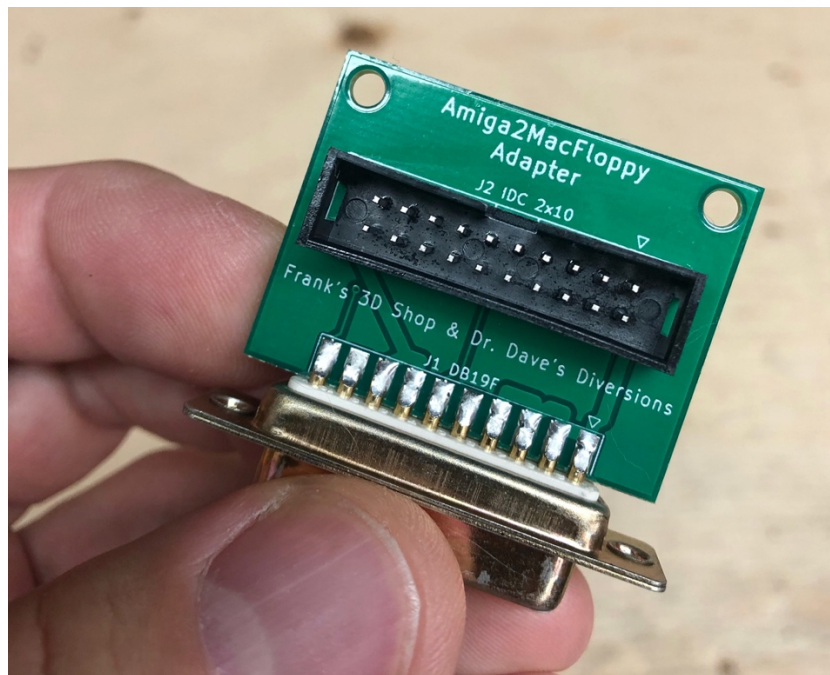


Figure 3 - Adapter DB19M to IDC 2x10

Software Configuration

1-

Using A-Max

Here are some instructions for using the interface...

Dimensions

The dimensions of the Amiga2MacFloppy board.

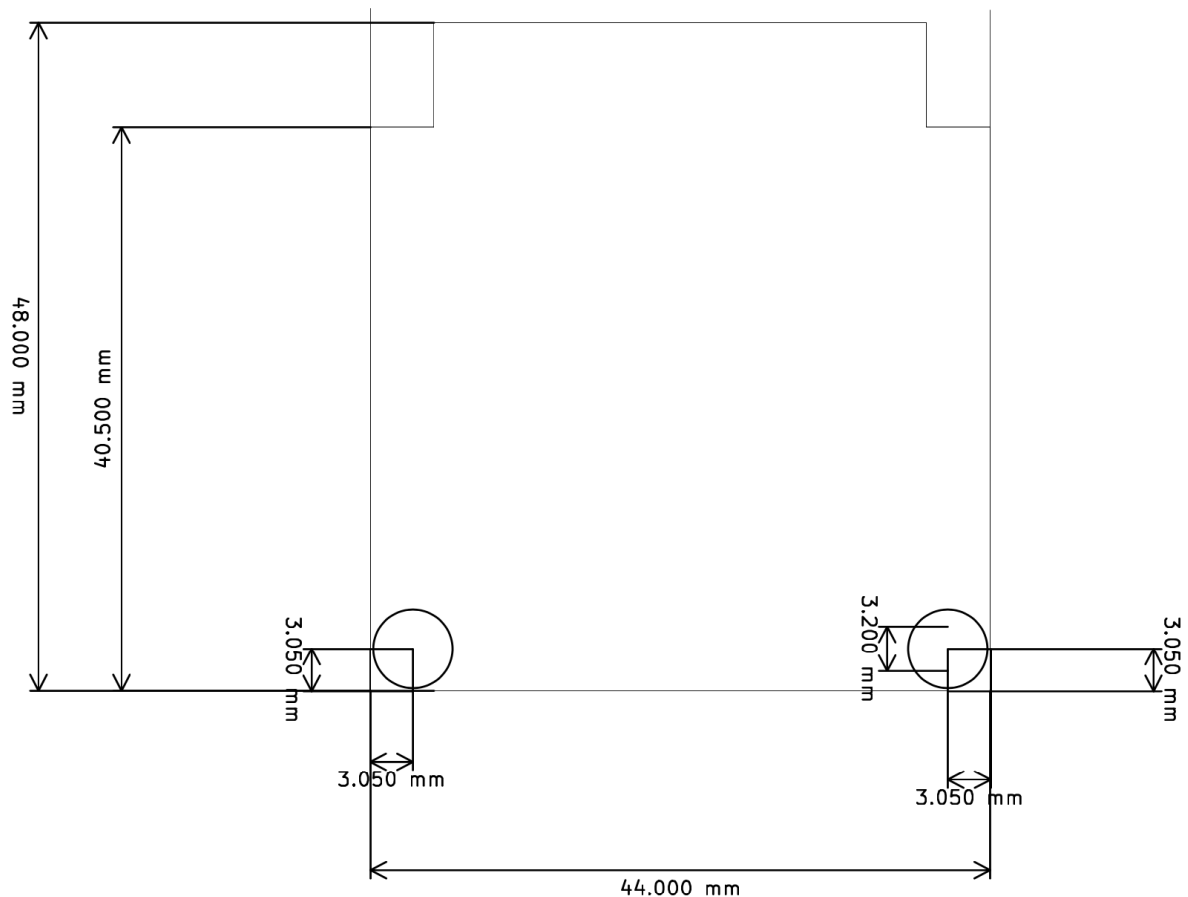


Figure 4: Dimensions of the Amiga2MacFloppy Board

PCB Fabrication

You can get the board from PCBWay or any other manufacturer of your choice with the provided gerber zip files. The default settings from PCBWay should be correct, I prefer to get "HASL lead free" boards to save on the environment <https://www.pcbway.com/project/shareproject/Amiga2MacFloppy.html>

Assembly instructions

The PCB fits the 3D printed case provided, You have to center and push the DB23 connectors up to the board, try it first in the case before soldering.

Revision History

Rev. 1

- Board cleaned up
- OpenHardware Logo added
- Remove the not needed resistor
- Added DB19 and DB23 reference files for KiCAD
- Tested and working

LICENCE

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