

A

Sheet: socket

File: socket.sch

SOCKET BOARD

This is a reverse schematic of the DATAIO ChipLabProgrammer with DIP48-1 socket

I have some transistors unconnected, checked every corner or the board !

Todo

Describe the serie of comparators on the supply board !
Q6 to confirm purpose

Identify U12, probably a µController, to put precise names on unkown nets.

Find a datasheet with pin names for U34 (TC17G032AT)

Find some info on NCR drivers U35, U38, U39

The real PCB doesn't have any silkscreen on it. Pretty annoying to find a component.
I wrote numbers on the PCB for Q and U only.

What can be done is complete the KiCad annotation, fix all errors and then use
the PCB to place components and get a 3D view.

A

B

Sheet: waveform

File: waveform.sch

WAVEFORM BOARD

C

Sheet: power

File: power.sch

POWER BOARD

D

Reverse engineering of a DATAIO Chiplab

<https://buymeacoffee.com/franck78> if usefull to you

DATAIO

Sheet: /
File: chiplab.sch

Title: **Chiplab Programmer**

Size: A4	Date: 2025-12-09	Rev: beta1
KiCad E.D.A.	kicad 5.1.12	Id: 1/4





