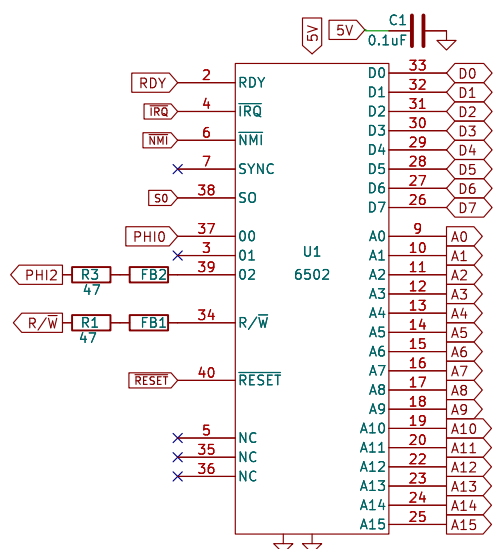
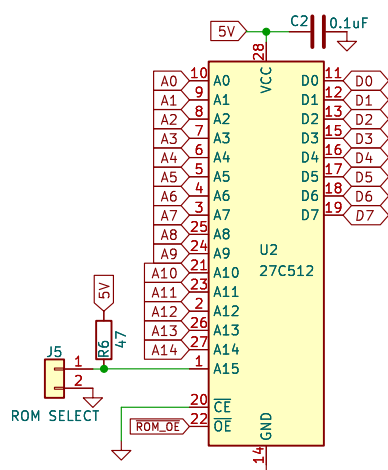


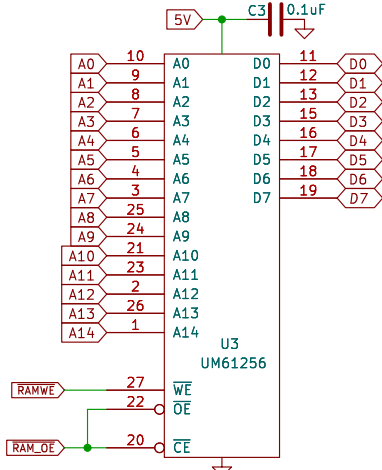
## CPU



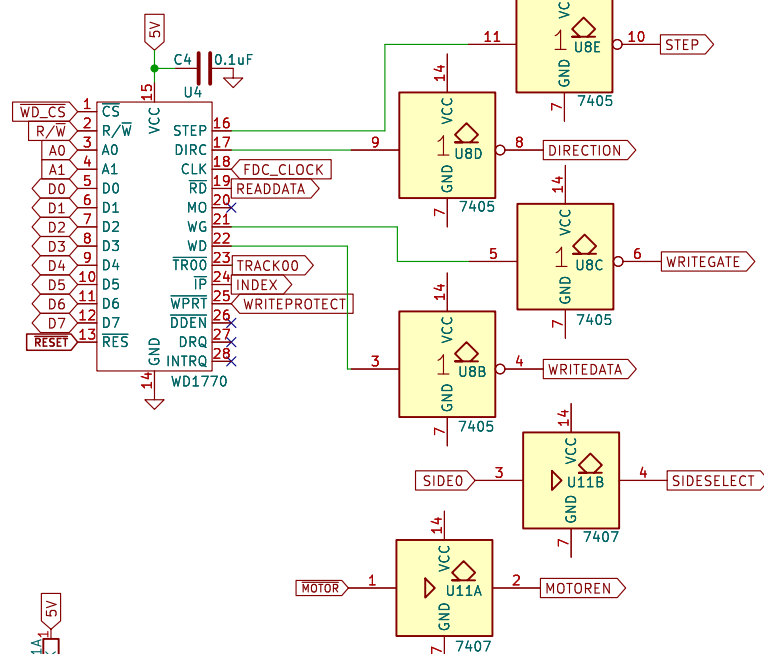
## ROM



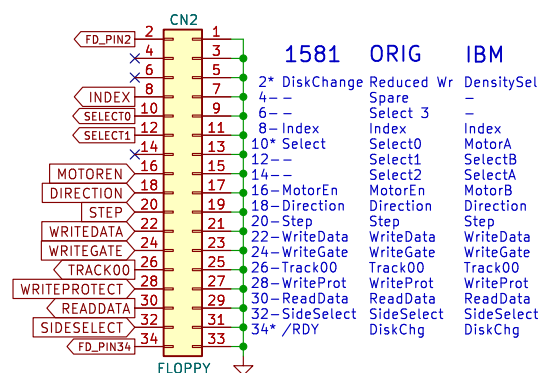
## RAM



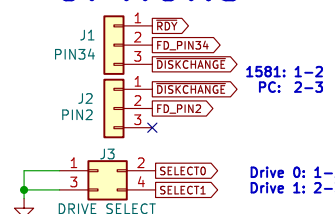
## FDC



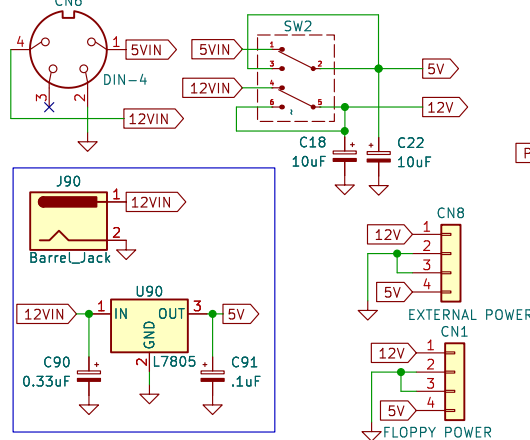
## FLOPPY CONNECTOR



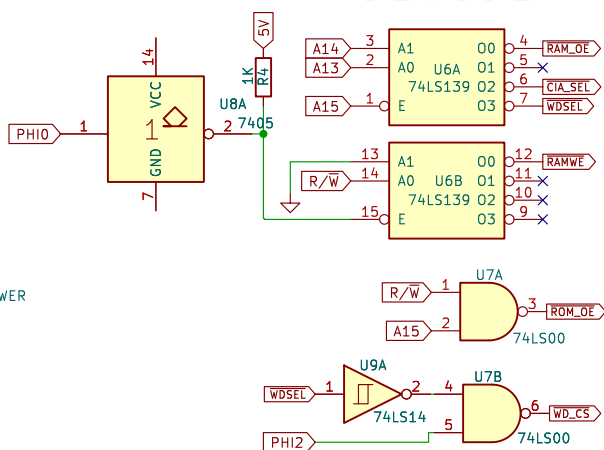
## OPTIONS



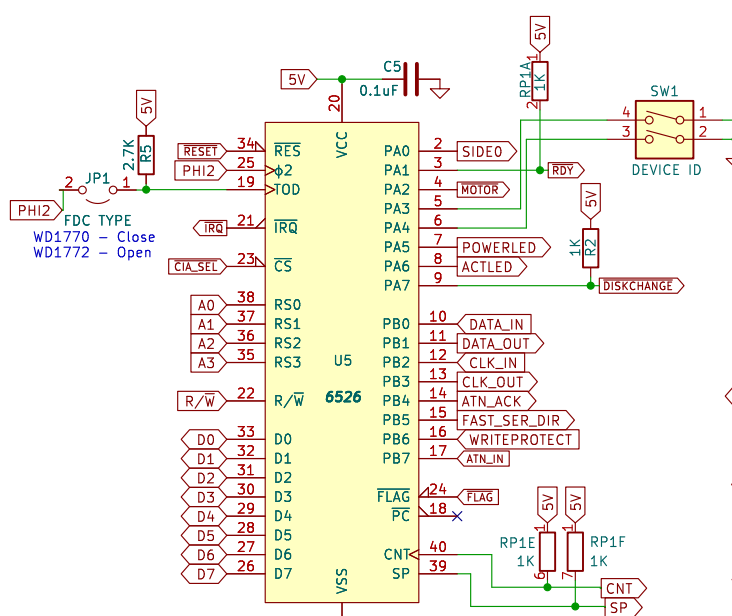
## POWER



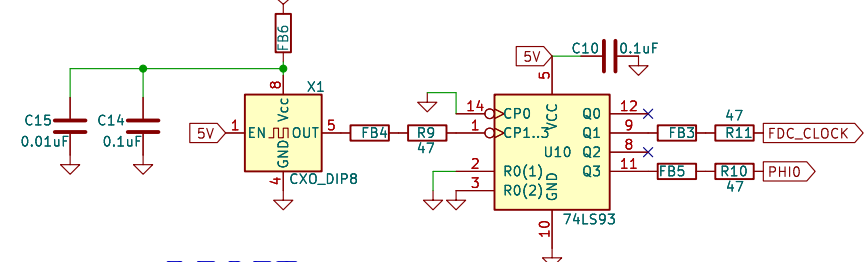
## DECODE



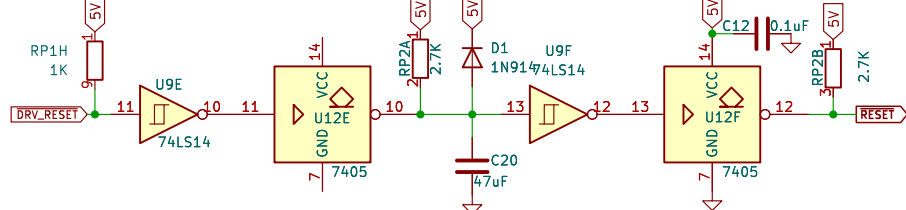
## CIA



## CLOCKS



## RESET



## DESCRIPTION

This is a reproduction of the C1541 Disk Drive PCB. The goal of this is to create an enhanced PCB which can be modified, i.e. reduced area for mounting inside a computer.

- Enhancements:
- Jumpers for 1581/Amiga or PC drive.
- Jumpers for drive select 0 or 1.
- SkinnyDIP RAM chip.
- Double-size ROM with select (Standard or JiffyDOW).
- Optional header for 12V+5V internal power.
- Optional Barrel Jack for 12V power.
- Long pads for easier soldering.
- Fixes to PROT01: POWER and RESET

Thanks to:  
Bwack and SukkoPera for some footprints and 3D models!

UPDATED: 2025-09-17

PRELIMINARY! Untested. Use at own risk!

## C1581 DISK DRIVE

Reproduction with enhancements

Steve J. Gray

Sheet: /  
File: C1581.kicad\_sch

PROTO 2

Title: C1541 Disk Drive PCB with Enhancements

Size: A3 Date: 2025-09-17

Rev: PROTO2

KiCad E.D.A. 9.0.4

Id: 1/1