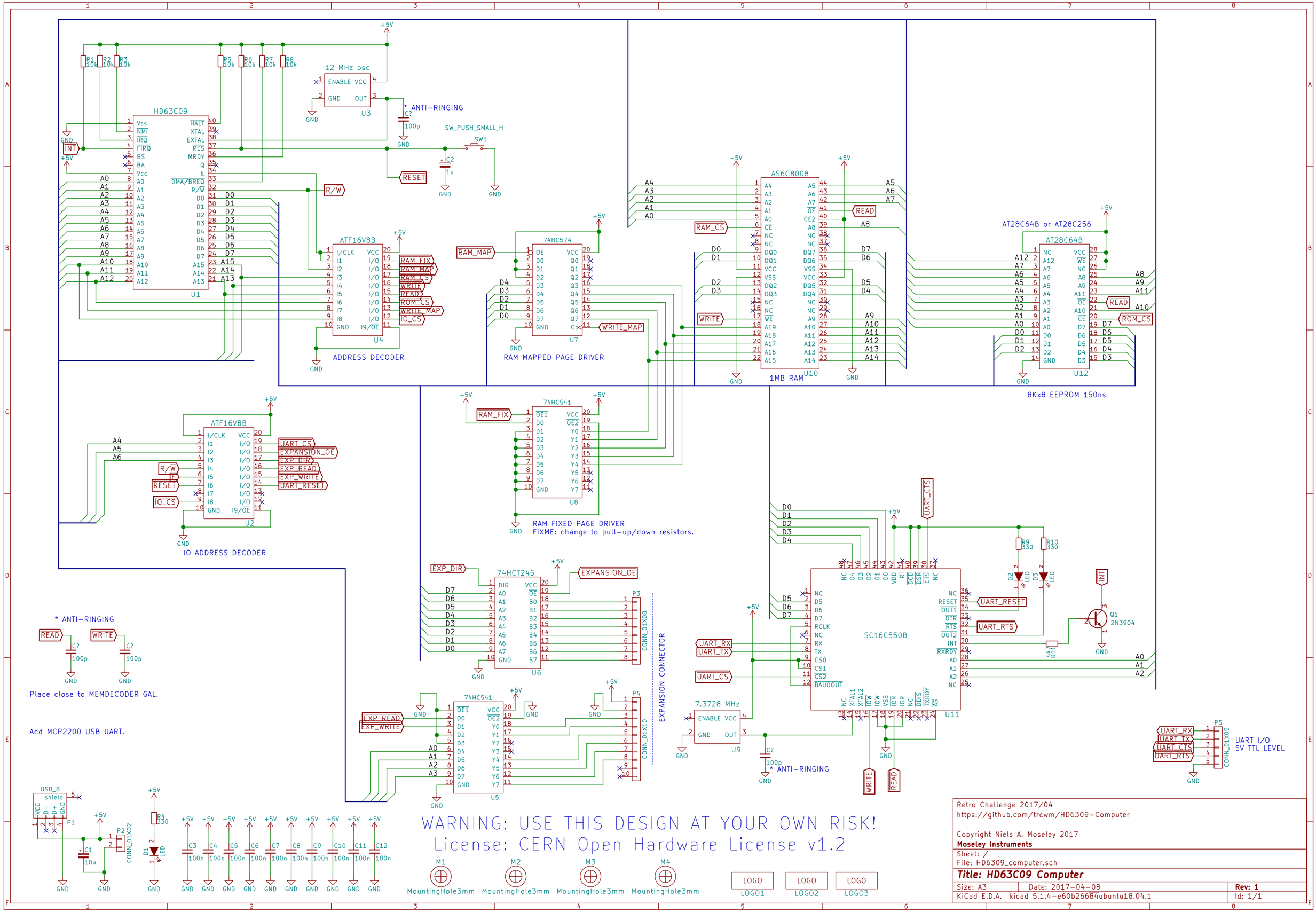
HD63C09
12 MHz osc
* ANTI-RINGING
SW_PUSH_SMALL_H
ADDRESS DECODER
ATF16V8B
RAM MAPPED PAGE DRIVER
74HC574
AS6C8008
1MB RAM
AT28C64B or AT28C256
AT28C64B
8Kx8 EEPROM 150ns
IO ADDRESS DECODER
RAM FIXED PAGE DRIVER
FIXME: change to pull-up/down resistors.
74HC541
74HCT245
EXPANSION CONNECTOR
SC16C550B
7.3728 MHz
UART I/O
5V TTL LEVEL
* ANTI-RINGING
Place close to MEMDECODER GAL.
Add MCP2200 USB UART.
WARNING: USE THIS DESIGN AT YOUR OWN RISK!
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Retro Challenge 2017/04
https://github.com/trcwm/HD6309-Computer
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Moseley Instruments
Sheet: /
File: HD6309_computer.sch
Title: HD63C09 Computer
Size: A3
Date: 2017-04-08
Rev: 1
KiCad E.D.A. kicad 5.1.4-e60b26684ubuntu18.04.1
Id: 1/1