

File: powers.kicad_sch

File: cpu.kicad_sch

□

File: address_decoding.kicad_sch

File: dma.kicad_sch

File: memory.kicad_sch

File: pit_uart.kicad_sch

File: uart_mods.kicad_sch

CRT controller

File: crtc.kicad_sch

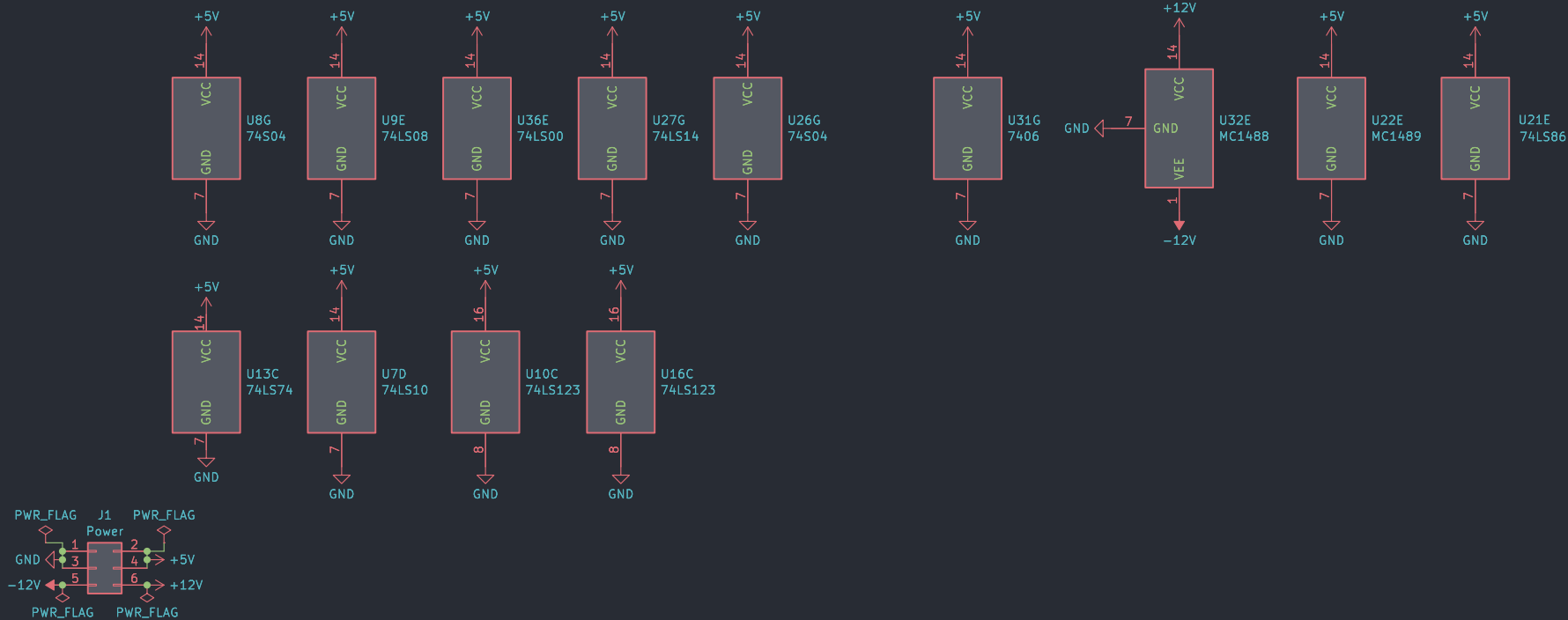
File: crtc_mods.kicad_sch

reverse engineered by hand
Jernej Jakob <jernej.jakob@gmail.com>

Title: Iskra Delta Partner Video (text) 30 797 044

Rev: 1

Id: 1/10



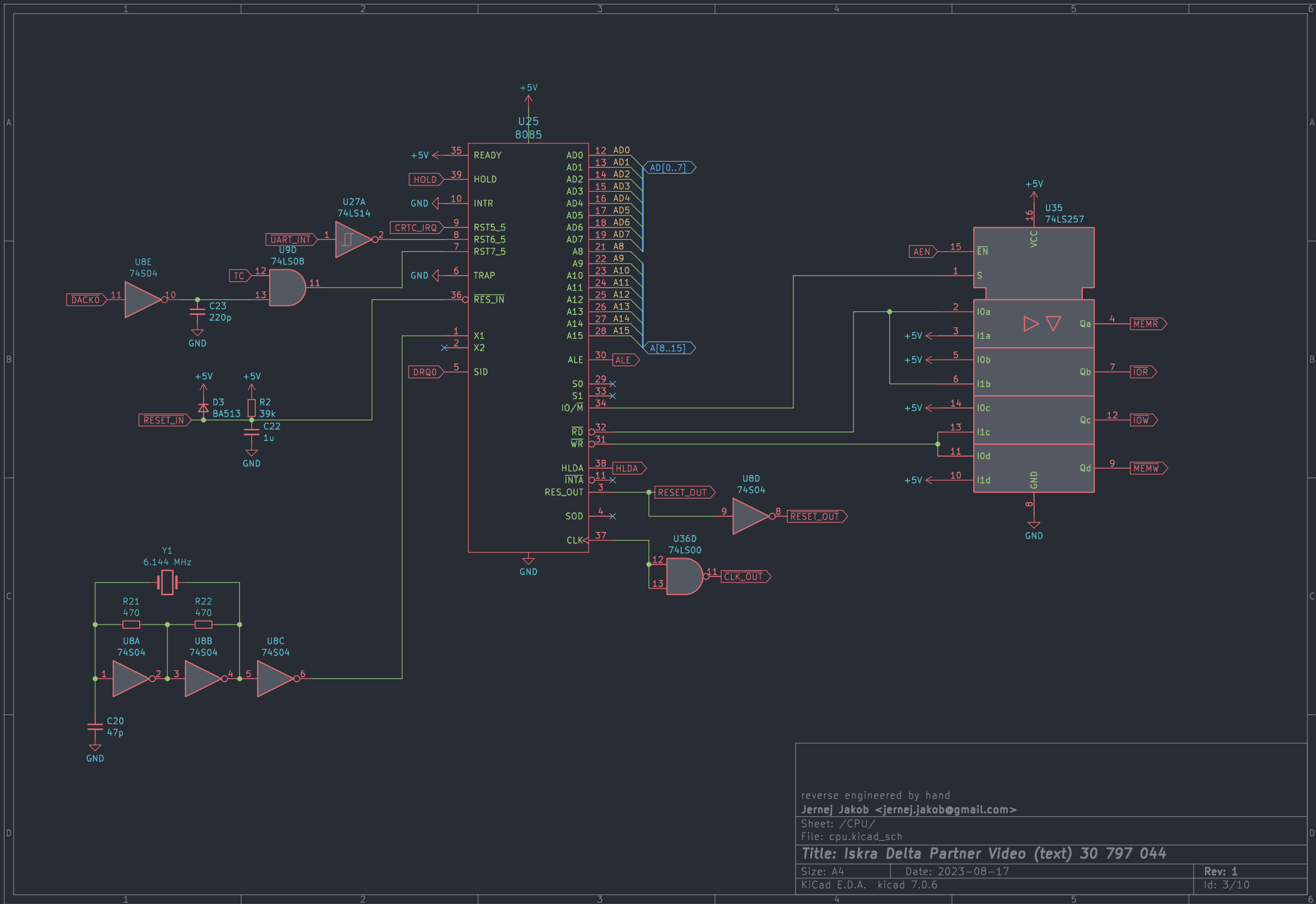
reverse engineered by hand
Jernej Jakob <jernej.jakob@gmail.com>

Sheet: /Powers/
 File: powers.kicad_sch

Title: Iskra Delta Partner Video (text) 30 797 044

Size: A4 | Date: 2023-08-17
 KiCad E.D.A. kicad 7.0.6

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 Id: 2/10



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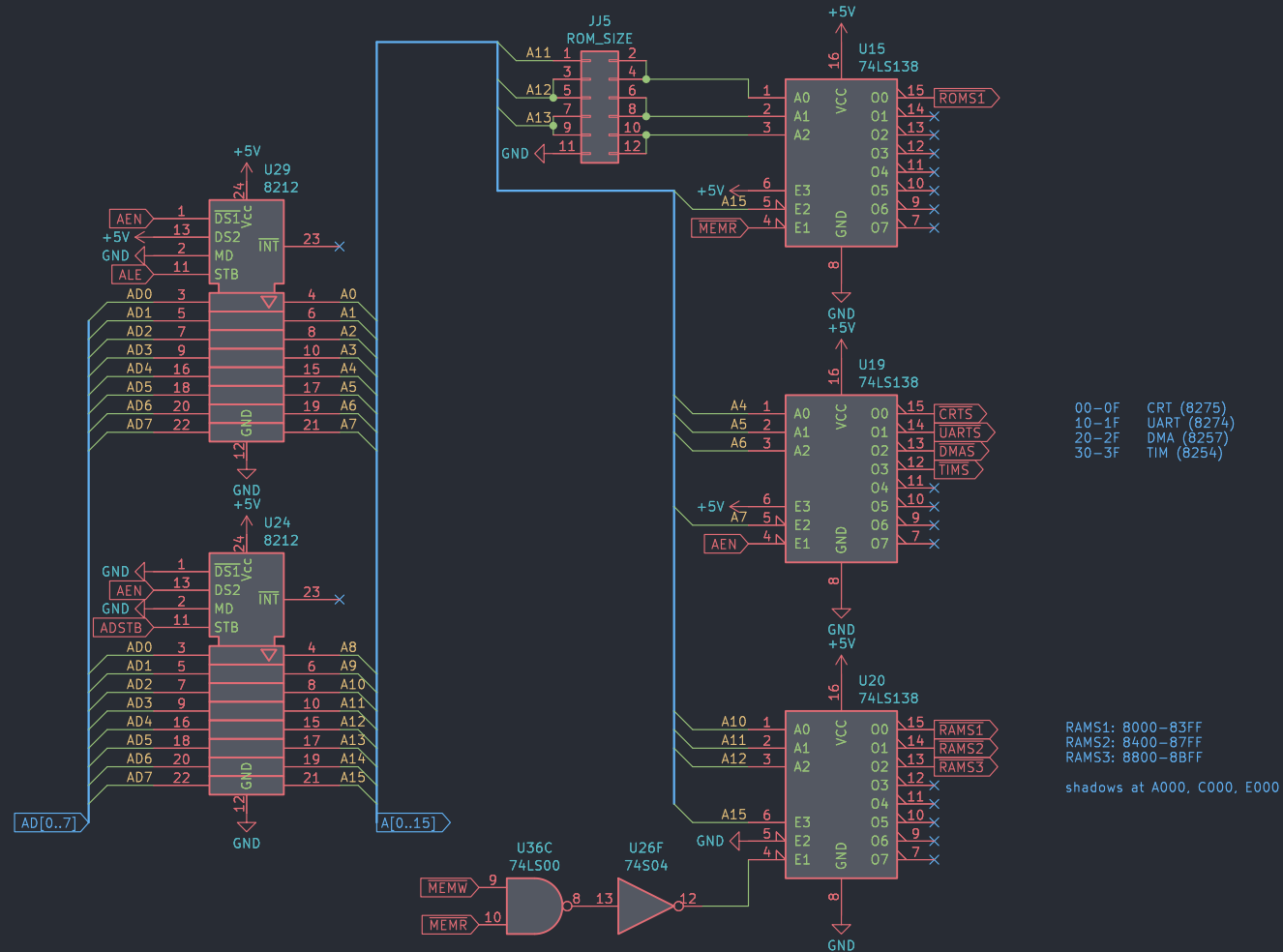
Sheet: /CPU/
File: cpu.kicad_sch

Title: Iskra Delta Partner Video (text) 30 797 044

Size: A4 Date: 2023-08-17
KiCad E.D.A. kicad 7.0.6

Rev: 1
Id: 3/10

JJ5 ROM_SIZE JUMPERS:
 1-2, 5-6, 9-10 = 2kB (2716) address: 0000-07FF (shadow 4000-47FF)
 3-4, 7-8, 11-12 = 4kB (2732) address: 0000-0FFF (shadow 4000-4FFF)



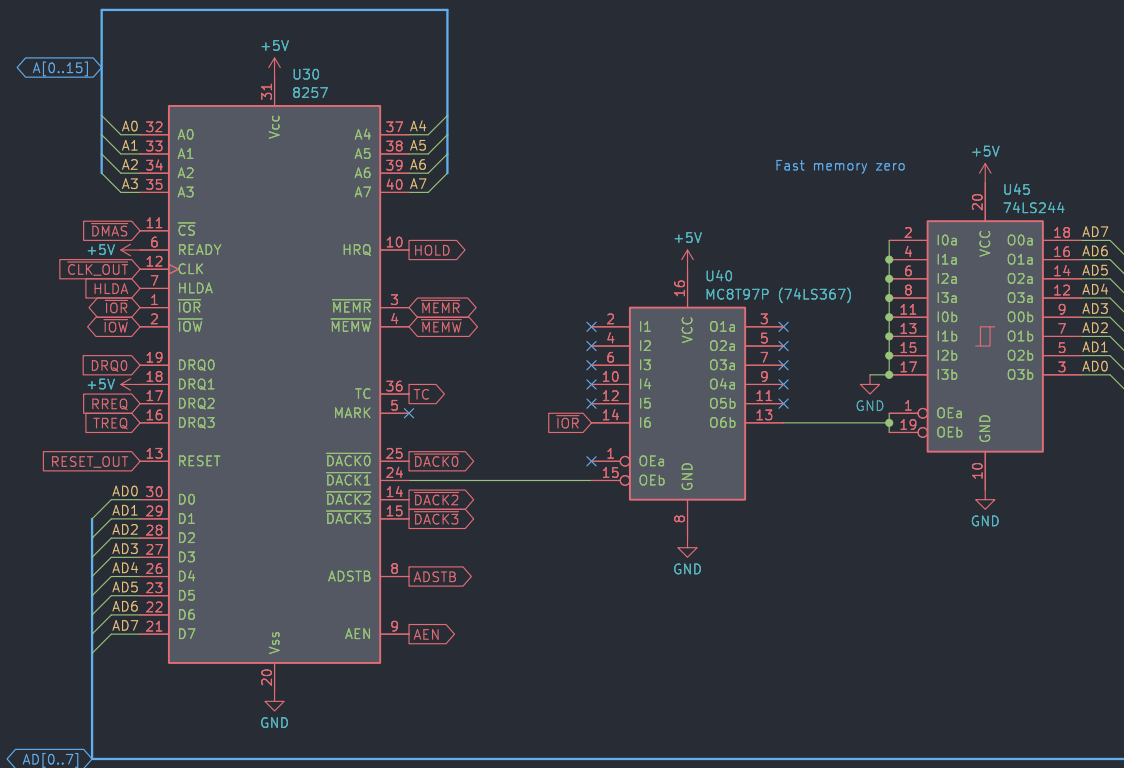
reverse engineered by hand
 Jernej Jakob <jernejjakob@gmail.com>

Sheet: /Address Decoding/
 File: address_decoding.kicad_sch

Title: Iskra Delta Partner Video (text) 30 797 044

Size: A4 Date: 2023-08-17
 KiCad E.D.A. kicad 7.0.6

Rev: 1
 Id: 4/10



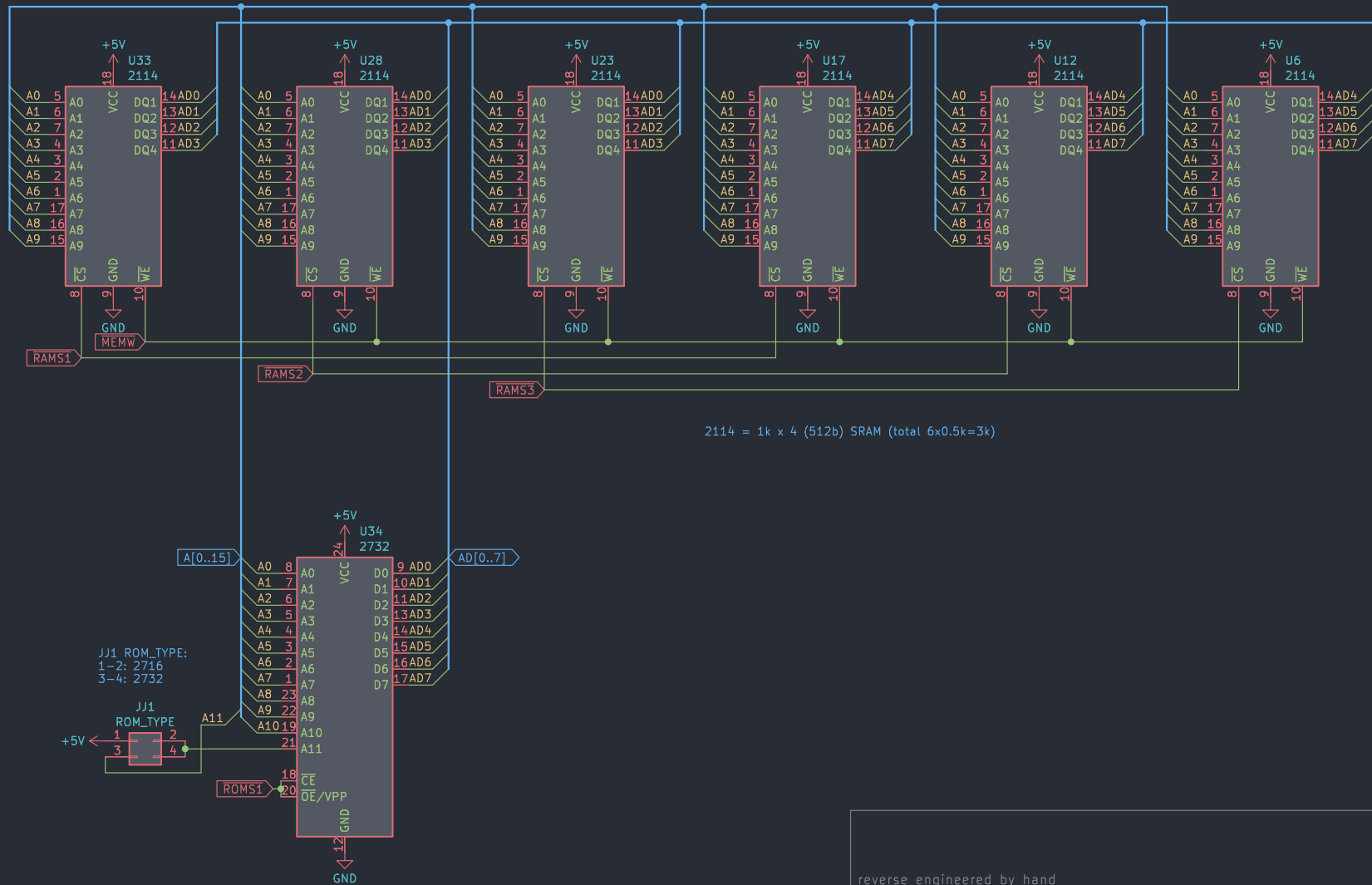
reverse engineered by hand
 Jernej Jakob <jernej.jakob@gmail.com>

Sheet: /DMA/
 File: dma.kicad_sch

Title: Iskra Delta Partner Video (text) 30 797 044

Size: A4 | Date: 2023-08-17
 KiCad E.D.A. kicad 7.0.6

Rev: 1
 Id: 5/10



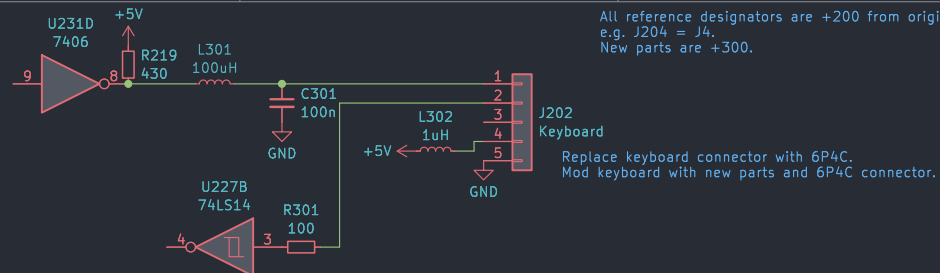
reverse engineered by hand
Jernej Jakob <jernej.jakob@gmail.com>

Sheet: /Memory/
 File: memory.kicad_sch

Title: Iskra Delta Partner Video (text) 30 797 044

Size: A4 Date: 2023-08-17
 KiCad E.D.A. kicad 7.0.6

Rev: 1
 Id: 6/10



Replace keyboard connector with 6P4C.
Mod keyboard with new parts and 6P4C connector.

Cut traces to pins 9 and 12 of U22 (MC1489) to make inputs RS-232 compliant.
Add GND to pin 13 of J4.
Connect J204 to DB-9 or DE-9 male socket.
Connect DPDT switch to J301.
JJ10 must be set to GND.

