

| | pcm | | |
|-------------|-------------------------|-------------|-------------|
| +12V | □+12V | SND_D[70] | SND_D[70] |
| MYUT | DMYUT | MAIN_D[70] | MAIN_D[150] |
| SND_A[150] | | SPEAKER(+)D | SPEAKER(+) |
| SNDPAL8 | OSND_A[10] ->SNDPAL8 | | SPEAKER(-) |
| SNDPAL5 | | SPEAKER(-)D | PCM[20] |
| MAIN_A[230] | SNDPAL5 | PCM[20]♦ | SWAIT |
| SDON | MAIN_A[40] | SWAITD | SRST |
| SRD | SDON | SRSTD | SINT |
| R/W | → SRD | SINTD | |
| SWR | M_R/W | | |
| SIC_CLK | ->SWR | | |
| SIDRQ | SIC_CLK | | |
| PAIRCS | SIORQ | | |
| BUSY | PAIRCS | | |
| SCLK | DBUSY | | |
| 502.11 | ->S <u>CLK</u> | | |
| | Archivo: pcm.kicad_sch | | |

| 100 | io_cabinet | | COIN C::- |
|-------------|------------------|----------------------|------------|
| IOCCS1 | ⇒IOC <u>CS1</u> | COIN_CNT_1D | COIN_CNT_ |
| R/W | →M_R/W | COIN_CNT_2D | COIN_CNT_ |
| RESET | RESET | MAIN_D[150] < | MAIN_D[150 |
| IOCCS2 | →I0CCS2 | VCHARAD- | VCHAR |
| MRD | →MRD | OCHARAD | DCHAR |
| UDS | → UDS | SDOND | SDO |
| PAS | ⊃PAS | INTDMAEND | INTDMAE |
| MAIN_A[231] | MAIN_A[61] | MYUTD | MYL |
| 1P_BTN_3 | D1P_BTN_3 | OBJ <u>REG</u> D | OBJRE |
| 2P_BTN_3 | →2P_BTN_3 | PAIRCSD- | PAIRC |
| 2P_LEFT | D2P_LEFT | PCU CS D- | PCUC |
| 1P_DOWN | >1P_DOWN | CR CS D | CRO |
| 1P_LEFT | →1P_LEFT | +12V □ | +12 |
| 2P_DOWN | D2P_DOWN | SYSRESD- | SYSRE |
| 1P_RIGHT | D1P_RIGHT | SCRCLKD | SCRCL |
| 1P_BTN_2 | D1P_BTN_2 | 1 | |
| 1P_BTN_1 | D1P_BTN_1 | | |
| 2P_RIGHT | D2P_RIGHT | | |
| 2P_BTN_1 | →2P_BTN_1 | | |
| 2P_BTN_2 | D2P_BTN_2 | | |
| TEST | -DTEST | | |
| 2P_UP | D2P_UP | | |
| 2P_START | D2P_START | | |
| 1P_START | D1P_START | | |
| 1P_UP | D1P_UP | | |
| COIN_1 | DCOIN_1 | | |
| COIN_2 | COIN_2 | | |
| SERVICE1 | DSERVICE1 | | |
| SERVICE2 | SERVICE2 | | |
| 3P_SERV | →3P_SERV | | |
| 4P_SERV | -D4P_SERV | | |
| 3P_START | -D3P_START | | |
| 4P_START | D4P_START | | |
| 3P_LEFT | D3P_LEFT | | |
| 4P_LEFT | D4P_LEFT | | |
| 3P_RIGHT | →3P_RIGHT | | |
| 4P_RIGHT | D4P_RIGHT | | |
| 3P_UP | D3P_UP | | |
| 4P_UP | | | |
| 3P_DOWN | -D4P_UP | | |
| 4P_DOWN | -D3P_DOWN | | |
| COIN_3 | -D4P_DOWN | | |
| COIN_4 | COIN_3 | | |
| 3P_BTN_3 | COIN_4 | | |
| 4P_BTN_3 | →3P_BTN_3 | | |
| 3P_BTN_1 | →4P_BTN_3 | | |
| 4P_BTN_1 | →3P_BTN_1 | | |
| 3P_BTN_2 | →4P_BTN_1 | | |
| 4P_BTN_2 | →3P_BTN_2 | | |
| 5 | →4P_BTN_2 | | |
| | | | |

Archivo: io_cabinet.kicad_sch

| | main | | |
|----------|-------------------------|-----------------|---------------------|
| RESET | RESET | MCOWRLD | $MCO\overline{WR}L$ |
| MAINIRQ | DMAINIRQ | MCOWRLD | MCOWRH |
| MCLK | | | VCS |
| OBJDMA | MCLK | VCSD | PAS |
| SCR_PQ | OBJDMA | PASD | IOCCS1 |
| INTDMAEN | >SCR_PQ | IOCCS1D | IOCCS2 |
| | DINTDMAEN | IOCCS2D | UDS |
| | | <u>UDS</u> D | LDS |
| | | LDSD | MRD |
| | | MRDD | OBJCS |
| | | OBJ <u>CS</u> D | R/W |
| | | M_R/WD | MAIN_A[230] |
| | | MAIN_A[230]D | MAIN_D[150] |
| | | MAIN_D[150] | CRAMCS |
| | | CRAMCSD | |
| | | ORAMWEHD | ORAMWEH |
| | | ORAMWELD | ORAMWEL |
| | Archivo: main.kicad_sch | | |

| MAIN_A[230] | →MAIN_A[161] | MAINTROD | MAINĪRQ |
|-------------|----------------------|--------------|-------------|
| MRD | -DMRD | FPAL[30]D | FPAL[30] |
| VCS | -DVCS | RESETD- | RESET |
| VCHARA | - VCHARA | OBJCLK12D | OBJCLK12 |
| SCRCLK | -DSCRCLK | | OBJCLK6 |
| SYSRES | -DSCRULK -DSYSRES | OBJCLK6D | BC0L[30] |
| | DSYSKES | BCOL[30]D | BPAL[40] |
| | | BPAL[40]D | FC0L[30] |
| | | FC0L[30]D | MAIN_D[150] |
| | | MAIN_D[70] > | APAL[40] |
| | | APAL[40]D | ACOL[30] |
| | | ACOL[30]D | HBLANK |
| | | HBLANKD | HSYNC |
| | | HSYNCD | VSYNC |
| | | VSYNCD | VBLANK |
| | | VBLANKD | SCR_PQ |
| | 1 | SCR_PQD | SYNC |
| | | SYNCD | SINC |
| | Archivo: scroll.kic | ad sch | |
| | Archivo: Scrott.Kic | au_scn | |

objects

OBJ<u>CS</u>

SVSYNC

ORAMWEL

OBJCLK6

OCHARA

OBJREG

OBJCLK12

CRCS

>MAIN_A[13..1]

Archivo: objects.kicad_sch

RESET

ORAMWE

OBJCLK6

OCHARA

OBJREG

CRCS

OBJCLK12

MAIN_A[23..0]

MAIN_D[15..0]

OBJROMA[19..0] OBJROMA[19..0] XOBJROMD[31..0] PRI[4..0]D

YOBJROMD[31..0]D

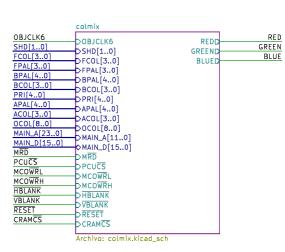
OBIDMAD

SHD[1..0]D

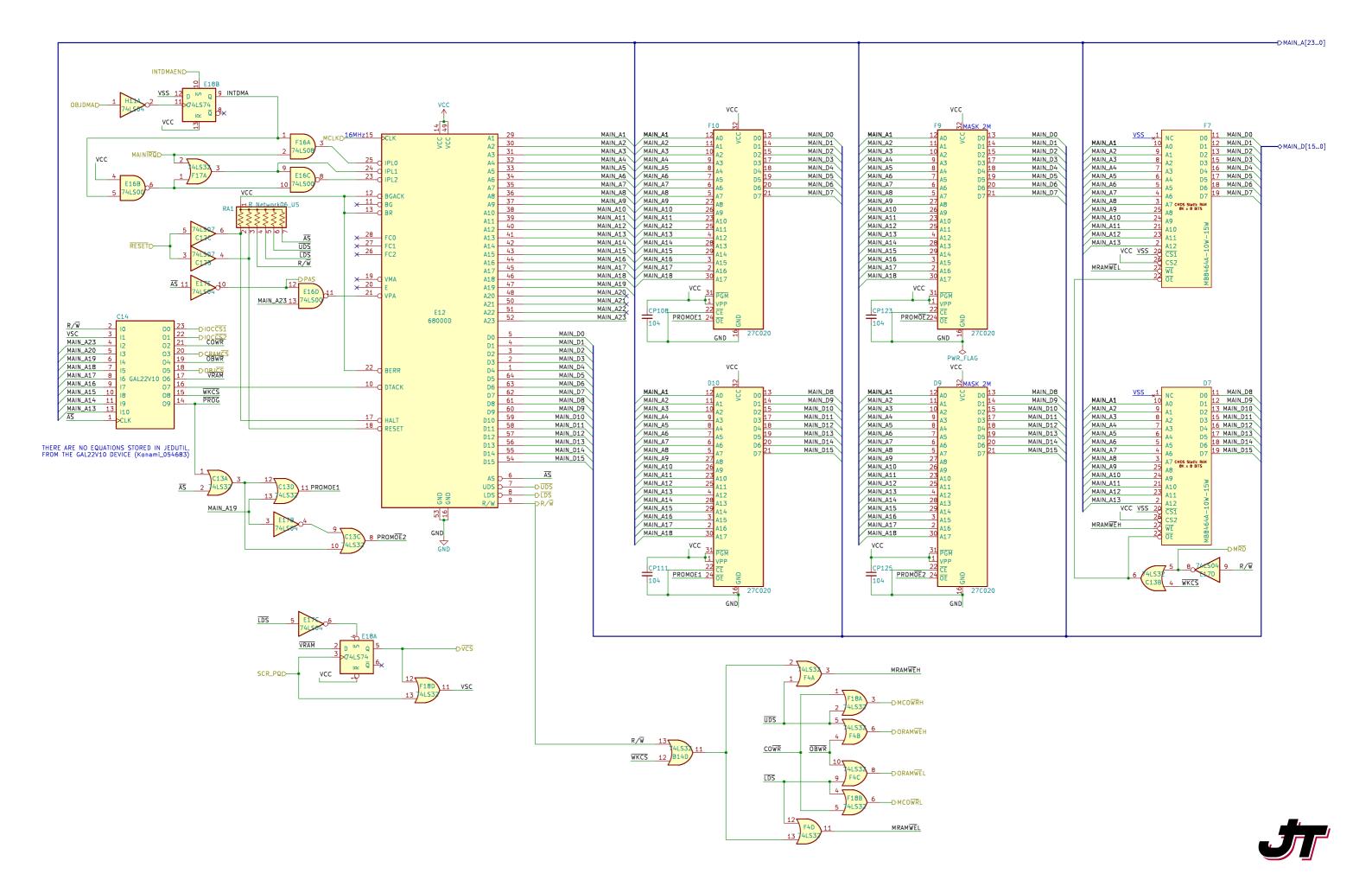
OCOL[8..0]D OCOL[8..0]

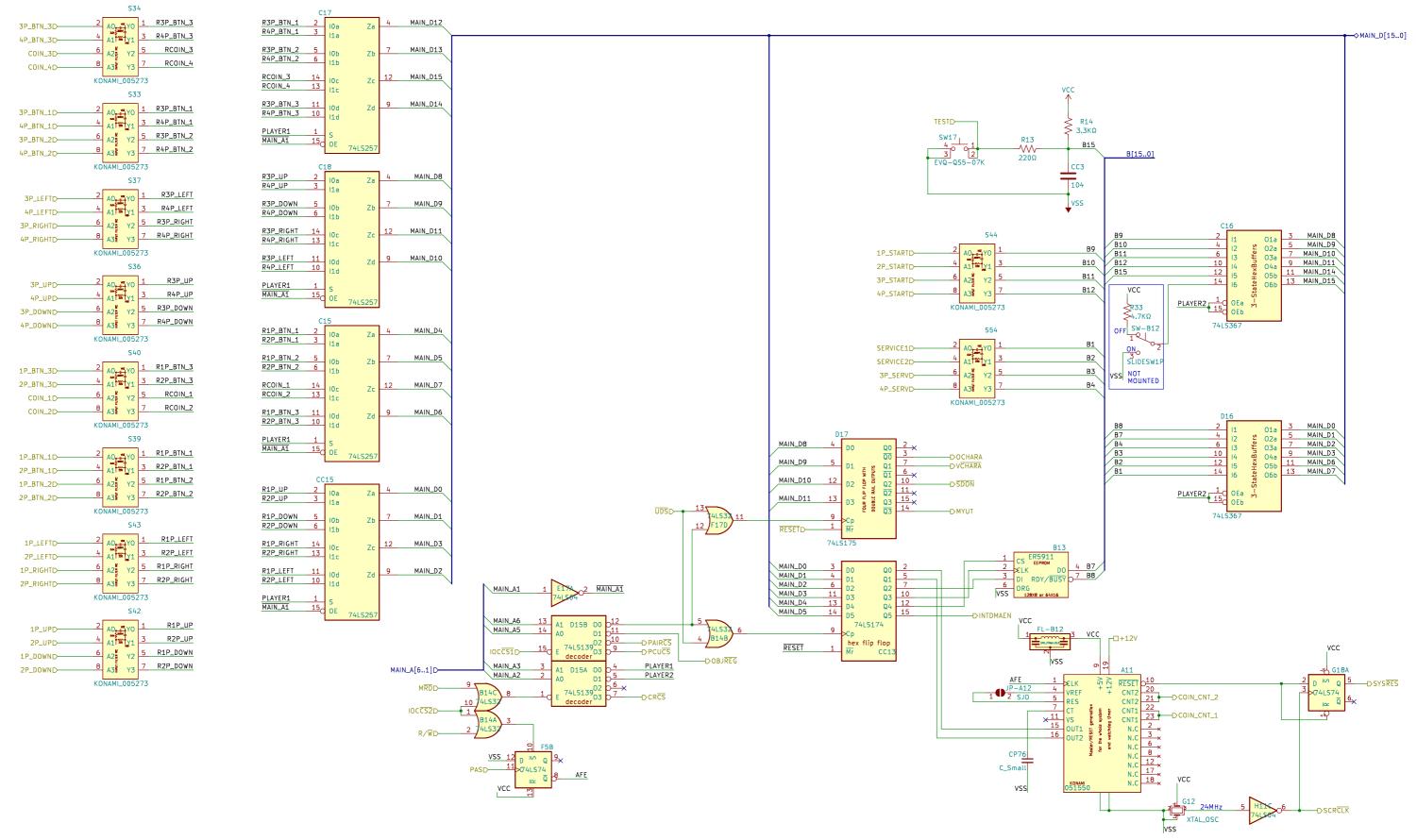
OBJDMA SHD[1..0]

| | io_cabinet | | | |
|---------------|------------|-------------|-------------|--|
| CS1 | >IOCCS1 | COIN_CNT_1D | COIN_CNT_1 | |
| W | →M_R/W | COIN_CNT_2D | COIN_CNT_2 | |
| SET | RESET | MAIN_D[150] | MAIN_D[150] | |
| CS2 | DIOCCS2 | VCHARAD | VCHARA | |
| <u>D</u> S | DMRD | OCHARAD | DCHARA | |
| | DUDS | SDOND | SDON | |
| S | D PAS | INTDMAEND | INTDMAEN | capacitors |
| IN_A[231] | MAIN_A[61] | MYUTD | MYUT | |
| _BTN_3 | →1P_BTN_3 | OBJREGD | OBJREG | |
| _BTN_3 | D2P_BTN_3 | PAIRCSD | PAIRCS | |
| _LEFT | D2P_LEFT | PCUCSD | PCUCS | |
| _DOWN | D1P_DOWN | CRCSD | CRCS | |
| _LEFT | D1P_LEFT | +12V□ | +12V | Archivo: capacitors.kicad_sc |
| _DOWN | D2P_DOWN | SYSRESD | SYSRES | |
| _RIGHT | D1P_RIGHT | SCRCLKD | SCRCLK | |
| _BTN_2 | D1P_BTN_2 | JCKCLKD | | |
| _BTN_1 | D1P_BTN_1 | | | |
| _RIGHT | D2P_RIGHT | | | description |
| _BTN_1 | D2P_BTN_1 | | | - Cooking and an analysis of the cooking analysis of the cooking analysis of the cooking and an analysis of the cooking anal |
| _BTN_2 | D2P_BTN_2 | | | |
| ST | - DTEST | | | |
| _UP | D2P_UP | | | |
| _START | D2P_START | | | |
| _START | D1P_START | | | Archivo: description.kicad_s |
| _UP | D1P_UP | | | memior desemptionixieda_s |
| IN_1 | COIN_1 | | | |
| IN_2 | COIN_2 | | | |
| RVICE1 | SERVICE1 | | | |
| RVICE2 | SERVICE2 | | | |
| _SERV | →3P_SERV | | | |
| _SERV | →4P_SERV | | | |
| _START | -D3P_START | | | |
| _START | →4P_START | | | |
| _LEFT | 3P_LEFT | | | |
| _LEFT | D4P_LEFT | | | |
| _RIGHT | →3P_RIGHT | | | |
| _RIGHT | →4P_RIGHT | | | |
| _UP | →3P_UP | | | |
| _UP | -D4P_UP | | | |
| _DOWN | →3P_DOWN | | | |
| _DOWN | D4P_DOWN | | | |
| IN_3 | COIN_3 | | | |
| IN_4 | COIN_4 | | | |
| | | | | |

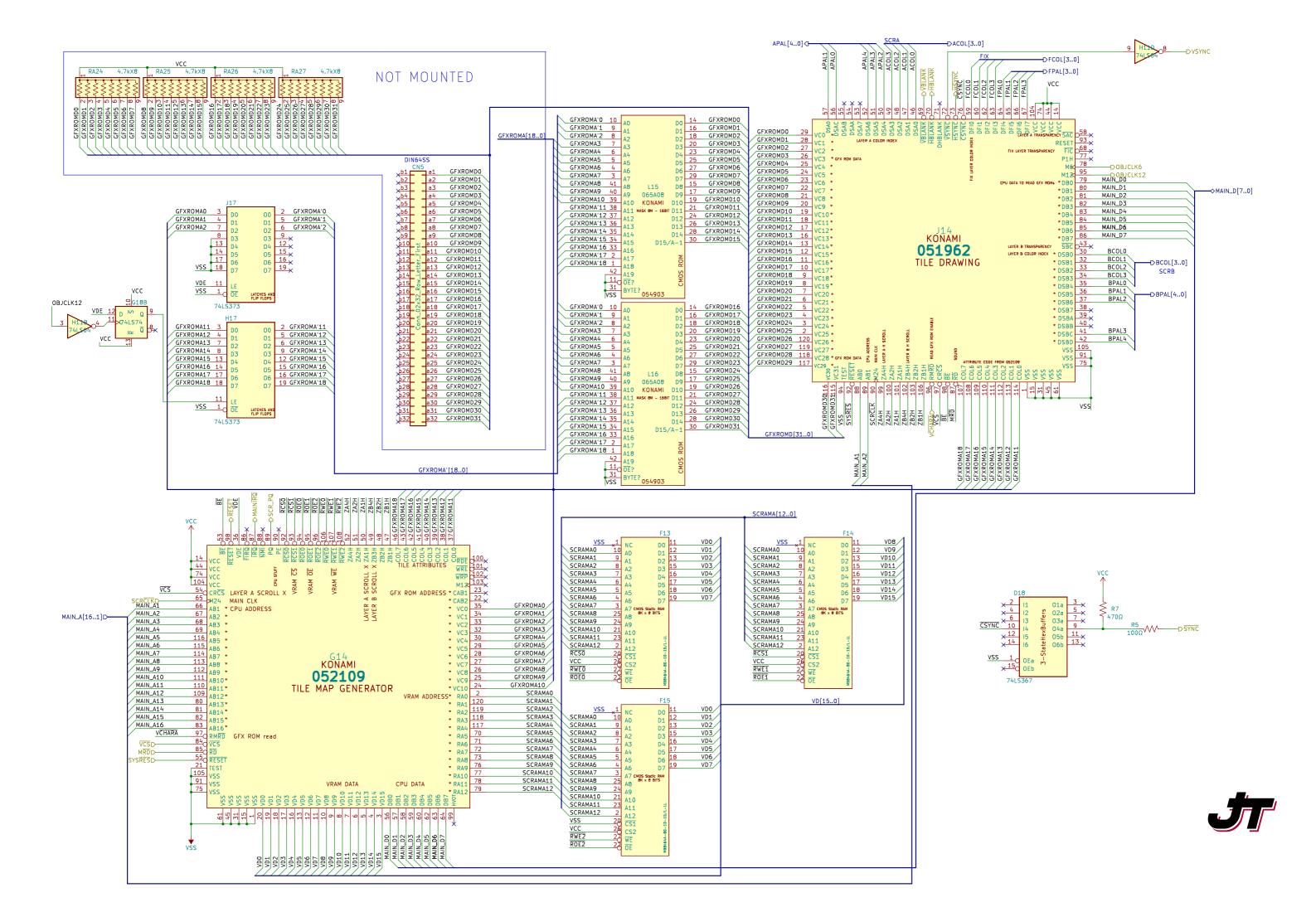


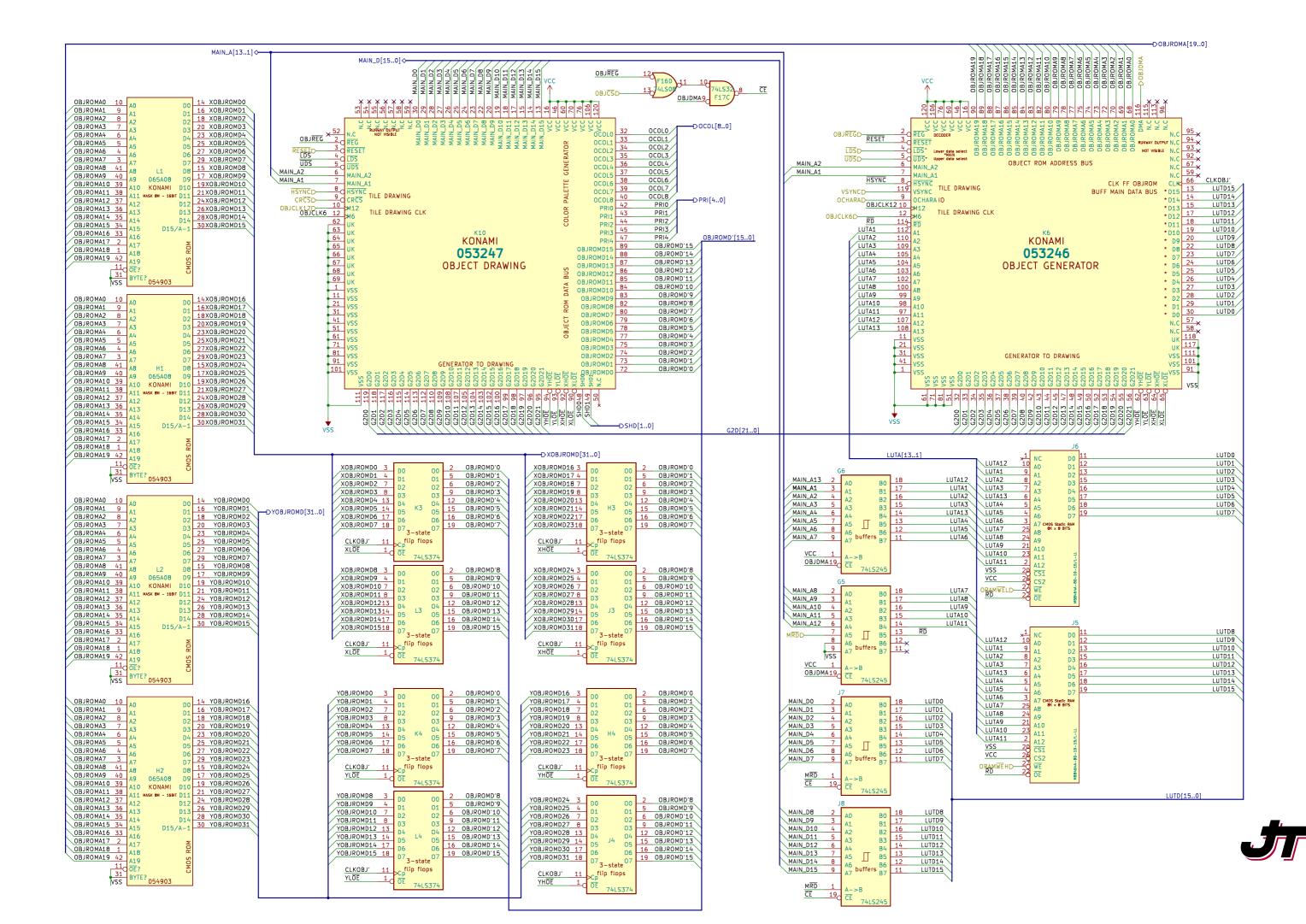


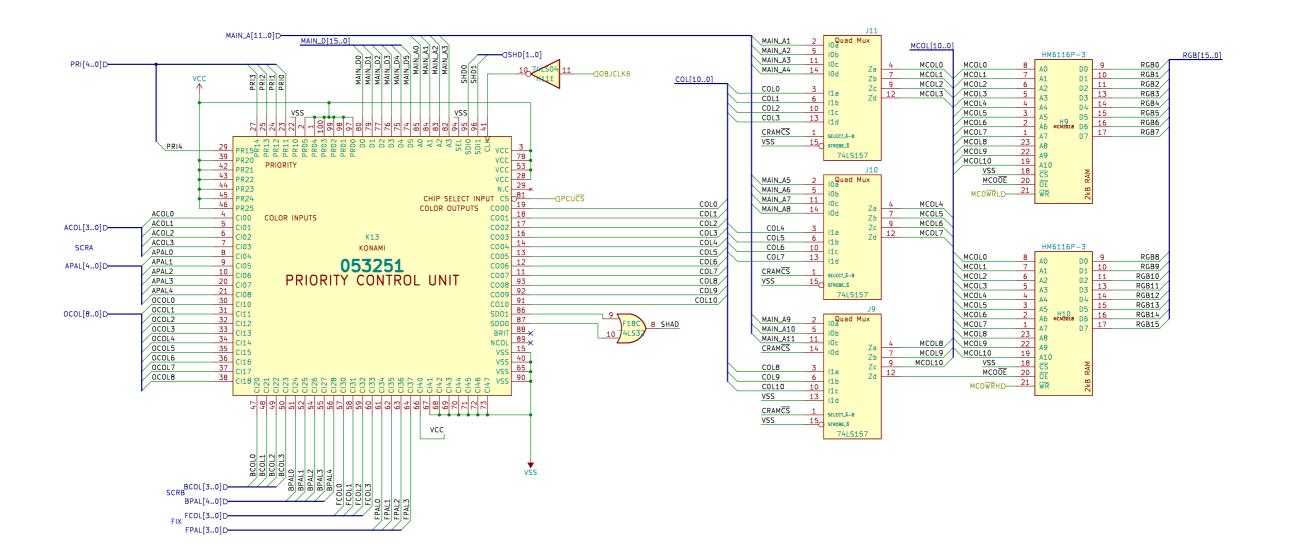


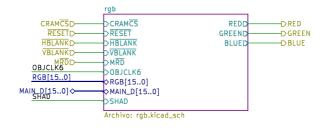




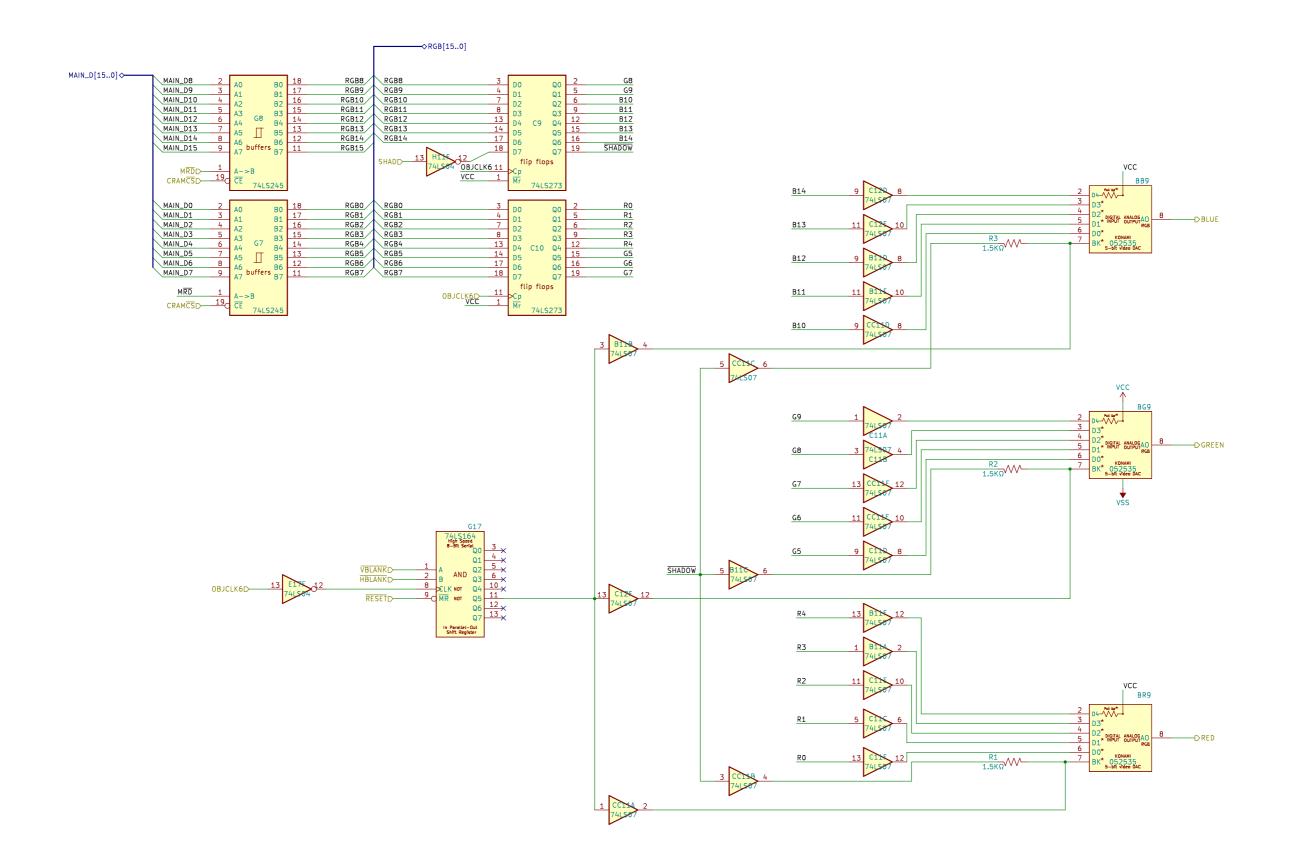




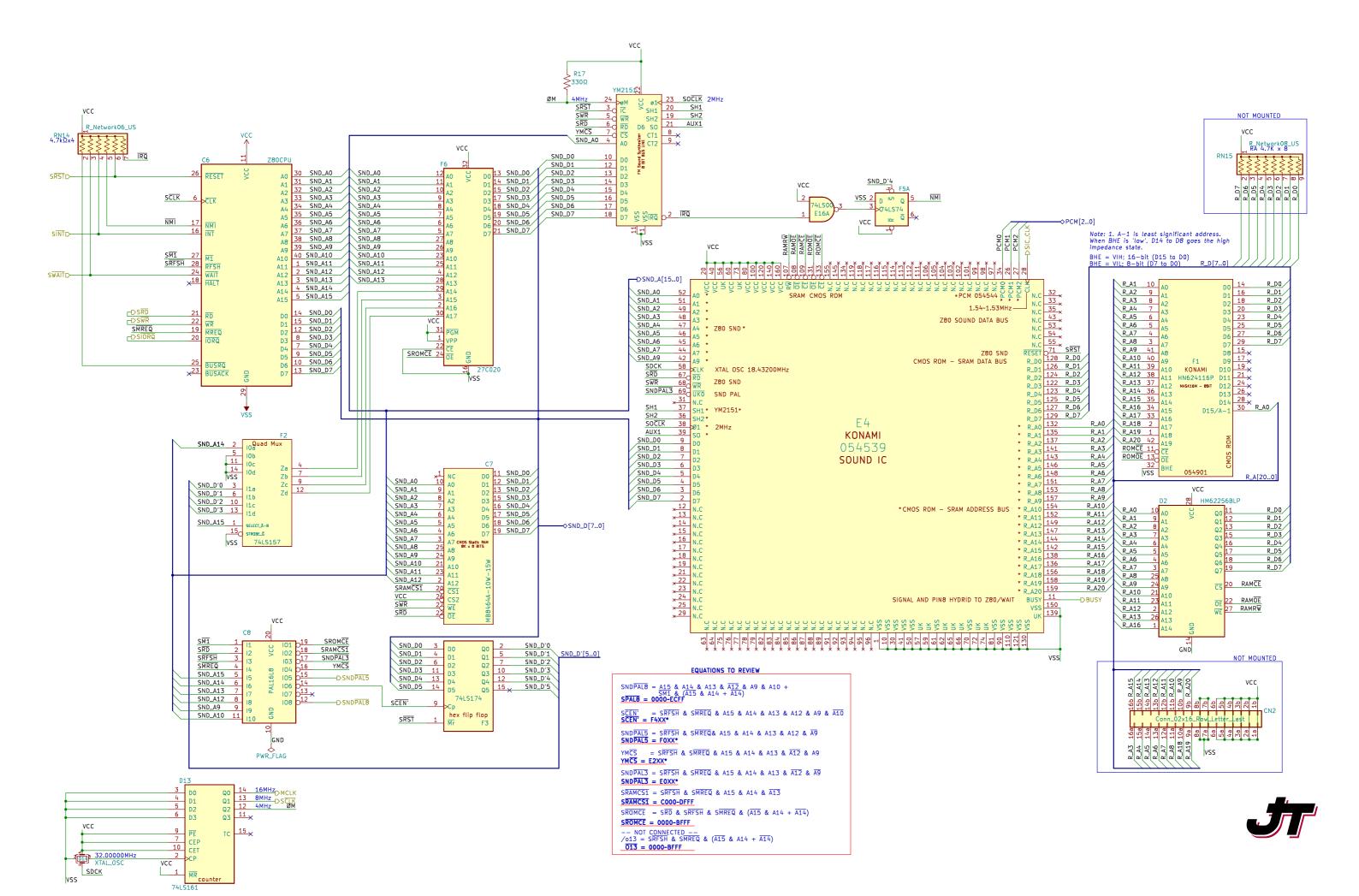


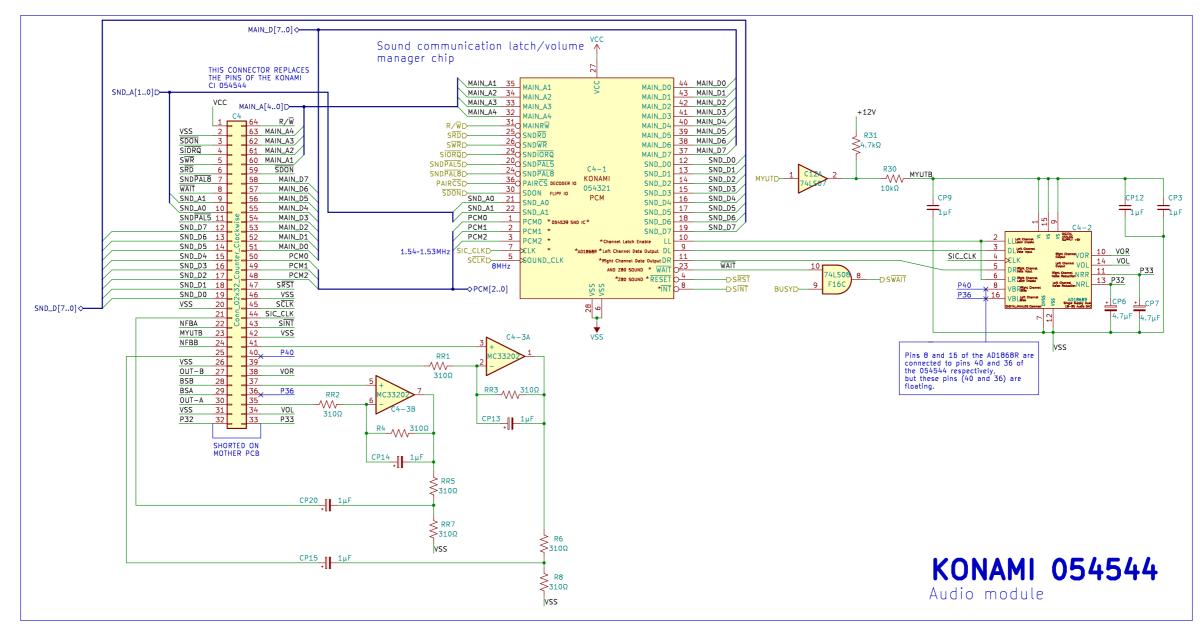


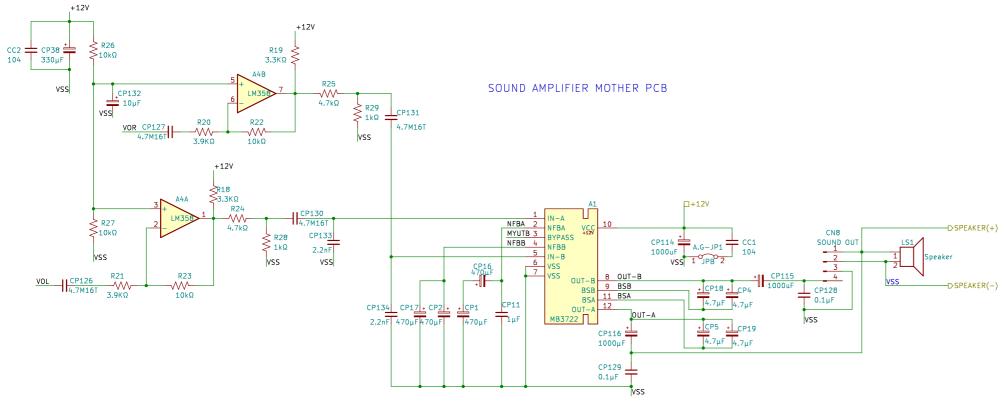




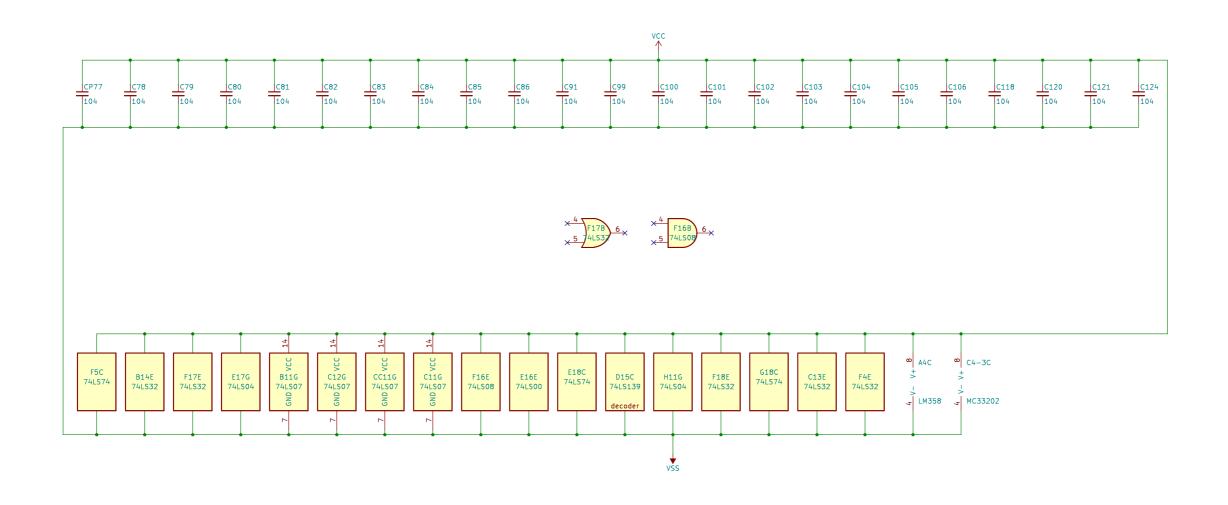














X-Men (1992 video game)

X-Men $(\pm \nu \hbar \lambda \times \lambda)$ is a side-scrolling beat 'em up game produced and released by Konami for arcades in 1992, based on the Marvel Comics superhero team of the same name. The character designs of the characters in the game are based on the 1989 cartoon X-Men: Pryde of the X-Men. In the game, up to six players control the X-Men to defeat their archenemy Magneto. The six-player version of the game utilizes two screens housed in a deluxe cabinet. It was one of the top five highest-grossing dedicated arcade games of 1992 in the United States, while the Amusement & Music Operators Association (AMOA) nominated it for the 'most innovative new technology' award.

An arcade exclusive for many years, a home version of the game developed by Backbone Entertainment was released by Konami digitally on the PlayStation 3 and Xbox 360 in 2010, followed by mobile versions for iOS and Android devices.

This version is no longer available for purchase as of 2013.

HARDWARE DESCRIPTION

Video Chips: 052109 051962 053247 053246 053251

CPU: 68000 (RESET generator 051550)

Sound: Z80 YM2151 054539 054544 (PCM054321 AD1868R)

Source: https://en.wikipedia.org/wiki/X-Men_(1992_video_game) http://www.system16.com/hardware.php?id=570&gid=830#830

