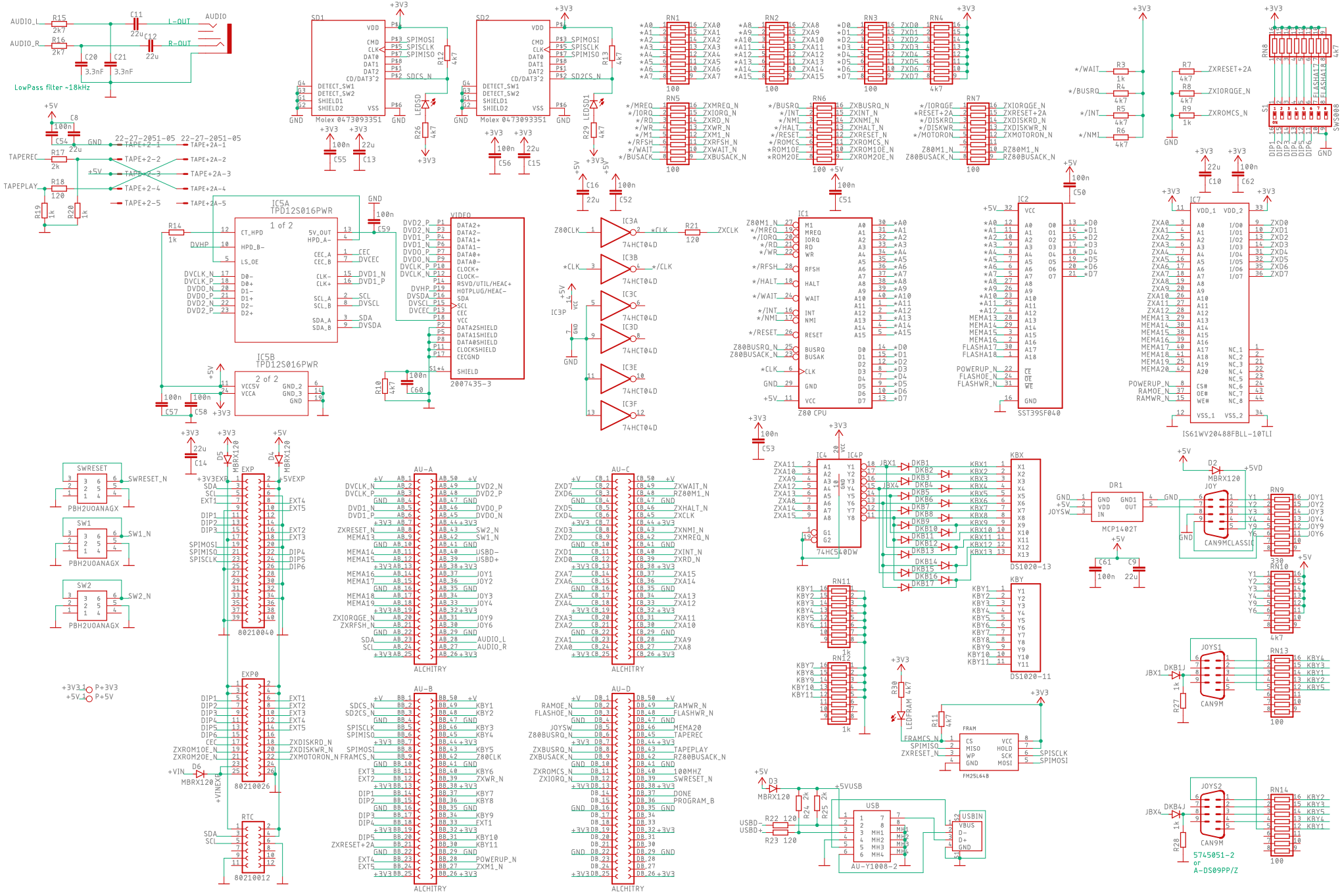
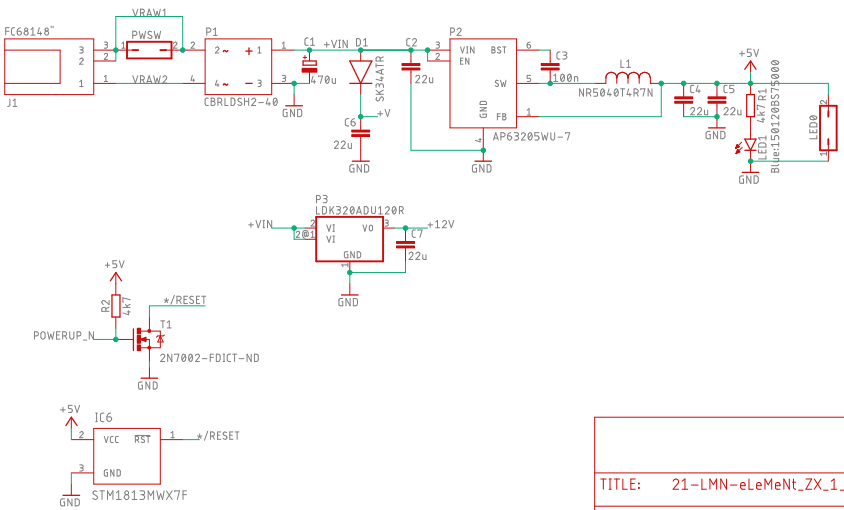
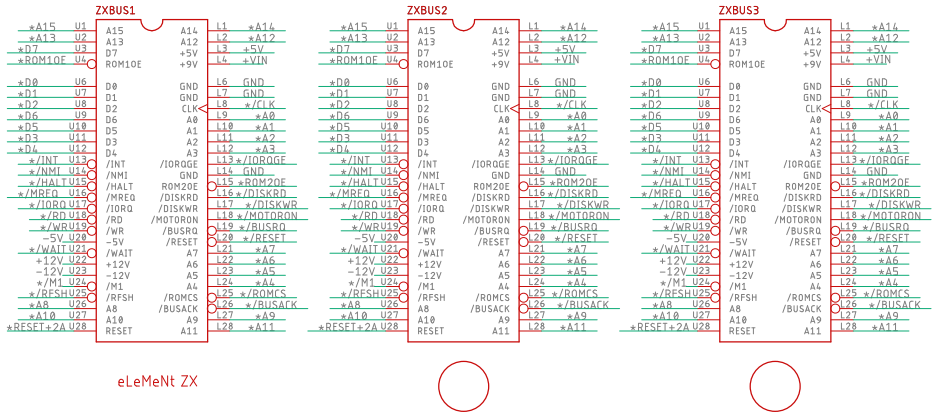

AUDIO_L
AUDIO_R
R15 2k7
R16 2k7
C11 22u
C12 22u
L-OUT
R-OUT
AUDIO
C20 3.3nF
C21 3.3nF
LowPass filter ~18kHz
SD1
SD2
Molex 0473093351
P$3 SPIMOSI
P$5 SPISCLK
P$7 SPIMISO
P$8
P$1
P$2 SDCS_N
P$2 SD2CS_N
P$6
DETECT_SW1
DETECT_SW2
SHIELD1
SHIELD2
R12 4k7
R13 4k7
LEDSD1
LEDSD2
R26 4k7
R29 4k7
+3V3
GND
C55 100n
C13 22u
C56 100n
C15 22u
RN1
RN2
RN3
RN4
RN5
RN6
RN7
RN8
ZXA0
ZXA1
ZXA2
ZXA3
ZXA4
ZXA5
ZXA6
ZXA7
ZXA8
ZXA9
ZXA10
ZXA11
ZXA12
ZXA13
ZXA14
ZXA15
ZXD0
ZXD1
ZXD2
ZXD3
ZXD4
ZXD5
ZXD6
ZXD7
*/MREQ
*/IORQ
*/RD
*/WR
*/M1
*/RFSH
*/WAIT
*/BUSACK
ZXMREQ_N
ZXIORQ_N
ZXRD_N
ZXWR_N
ZXM1_N
ZXRFSH_N
ZXWAIT_N
ZXBUSACK_N
*/BUSRQ
*/INT
*/NMI
*/HALT
*/RESET
*/ROMCS
*ROM10E
*ROM20E
ZXBUSRQ_N
ZXINT_N
ZXNMI_N
ZXHALT_N
ZXRESET_N
ZXROMCS_N
ZXROM10E_N
ZXROM20E_N
*/IORQGE
*RESET+2A
*/DISKRD
*/DISKWR
*/MOTORON
Z80M1_N
Z80BUSACK_N
ZXIORQGE_N
ZXRESET+2A
ZXDISKRD_N
ZXDISKWR_N
ZXMOTORON_N
RZ80M1_N
RZ80BUSACK_N
*/WAIT
*/BUSRQ
*/INT
*/NMI
R3 1k
R4 4k7
R5 4k7
R6 4k7
R7 4k7
R8 4k7
R9 1k
ZXRESET+2A
ZXIORQGE_N
ZXROMCS_N
FLASHA17
FLASHA18
SW5008
S1
C8 100n
C54 100n
C22 22u
TAPEREC
TAPEPLAY
R17 2k
R18 120
R19 1k
R20 1k
22-27-2051-05
TAPE+2-1
TAPE+2-2
TAPE+2-3
TAPE+2-4
TAPE+2-5
TAPE+2A-1
TAPE+2A-2
TAPE+2A-3
TAPE+2A-4
TAPE+2A-5
IC5A
TPD12S016PWR
1 of 2
CT_HPD
HPD_B-
LS_OE
D0-
D0+
D1-
D1+
D2-
D2+
5V_OUT
HPD_A-
CEC_A
CEC_B
CLK-
CLK+
SCL_A
SCL_B
SDA_A
SDA_B
DVHP
DVCLK_N
DVCLK_P
DVD0_N
DVD0_P
DVD2_N
DVD2_P
DVD1_N
DVD1_P
CEC
DVCEC
SCL
DVSCL
SDA
DVSDA
R14 1k
C59 100n
IC5B
2 of 2
VCC5V
VCCA
GND_2
GND_3
C57 100n
C58 100n
VIDEO
2007435-3
DVD2_P
DVD2_N
DVD1_P
DVD1_N
DVD0_P
DVD0_N
DVCLK_P
DVCLK_N
DVHP
DVSDA
DVSCL
DVCEC
DATA2+
DATA2-
DATA1+
DATA1-
DATA0+
DATA0-
CLOCK+
CLOCK-
RSVD/UTIL/HEAC+
HOTPLUG/HEAC-
SDA
SCL
CEC
VCC
DATA2SHIELD
DATA1SHIELD
DATA0SHIELD
CLOCKSHIELD
CECGND
SHIELD
R10 4k7
C60 100n
Z80CLK
*CLK
ZXCLK
R21 120
IC3A
IC3B
IC3C
IC3D
IC3E
IC3F
74HCT04D
IC3P
C16 22u
C52 100n
C51 100n
IC1
Z80 CPU
M1
MREQ
IORQ
RD
WR
RFSH
HALT
WAIT
INT
NMI
RESET
BUSRQ
BUSAK
CLK
GND
VCC
A0
A1
A2
A3
A4
A5
A6
A7
A8
A9
A10
A11
A12
A13
A14
A15
D0
D1
D2
D3
D4
D5
D6
D7
IC2
SST39SF040
CE
OE
WE
C50 100n
IC7
IS61WV20488FBLL-10TLI
VDD_1
VDD_2
I/O0
I/O1
I/O2
I/O3
I/O4
I/O5
I/O6
I/O7
NC_1
NC_2
NC_3
NC_4
NC_5
NC_6
NC_7
NC_8
C10 22u
C62 100n
POWERUP_N
RAMOE_N
RAMWR_N
C53 100n
IC4
74HC540DW
IC4P
JBX1
JBX4
DS1020-13
DS1020-11
KBX
KBY
DKB1
DKB2
DKB3
DKB4
DKB5
DKB6
DKB7
DKB8
DKB9
DKB10
DKB11
DKB12
DKB13
DKB14
DKB15
DKB16
DKB17
KBX1
KBX2
KBX3
KBX4
KBX5
KBX6
KBX7
KBX8
KBX9
KBX10
KBX11
KBX12
KBX13
KBY1
KBY2
KBY3
KBY4
KBY5
KBY6
KBY7
KBY8
KBY9
KBY10
KBY11
RN11
RN12
1k
D2
MBRX120
+5VD
DR1
MCP1402T
C61 100n
C9 22u
CAN9MCLASSIC
JOY1
JOY2
JOY3
JOY4
JOY5
JOY6
RN9
RN10
330
4k7
JOYS1
JOYS2
CAN9M
DKB1J
DKB4J
R27 1k
R28 1k
RN13
RN14
5745051-2
or
A-DS09PP/Z
SWRESET
SW1
SW2
PBH2U0ANAGX
SWRESET_N
SW1_N
SW2_N
EXP
EXP0
80210040
80210026
80210012
+3V3EXP
5VEXP
SDA
SCL
EXT1
EXT2
EXT3
EXT4
EXT5
DIP1
DIP2
DIP3
DIP4
DIP5
DIP6
SPIMOSI
SPIMISO
SPISCLK
CEC
ZXROM10E_N
ZXROM20E_N
ZXDISKWR_N
ZXMOTORON_N
RTC
+VIN
+VINEXP
D5 MBRX120
D4 MBRX120
D6 MBRX120
C14 22u
C8 100n
+3V3
+5V
P+3V3
P+5V
AU-A
AU-B
AU-C
AU-D
ALCHITRY
DVD2_N
DVD2_P
DVD1_N
DVD1_P
DVD0_P
DVD0_N
SW2_N
SW1_N
USBD-
USBD+
USB
USBIN
AU-Y1008-2
D3 MBRX120
R22 120
R23 120
R24 2k
R25 2k
+5VUSB
FRAM
FM25L64B
LEDFRAM
R30 4k7
R11 4k7
FRAMCS_N
SPIMISO
SPIMOSI
SPISCLK
ZXRESET_N
C7 100n
C4 100n
C3 100n
C2 100n
C1 100n
C15 100n
C17 100n
C18 100n
C19 100n
C20 100n
C21 100n
C22 100n
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C98 100n
C99 100n
C100 100n



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ZXBUS1
ZXBUS2
ZXBUS3
eLeMeNt ZX