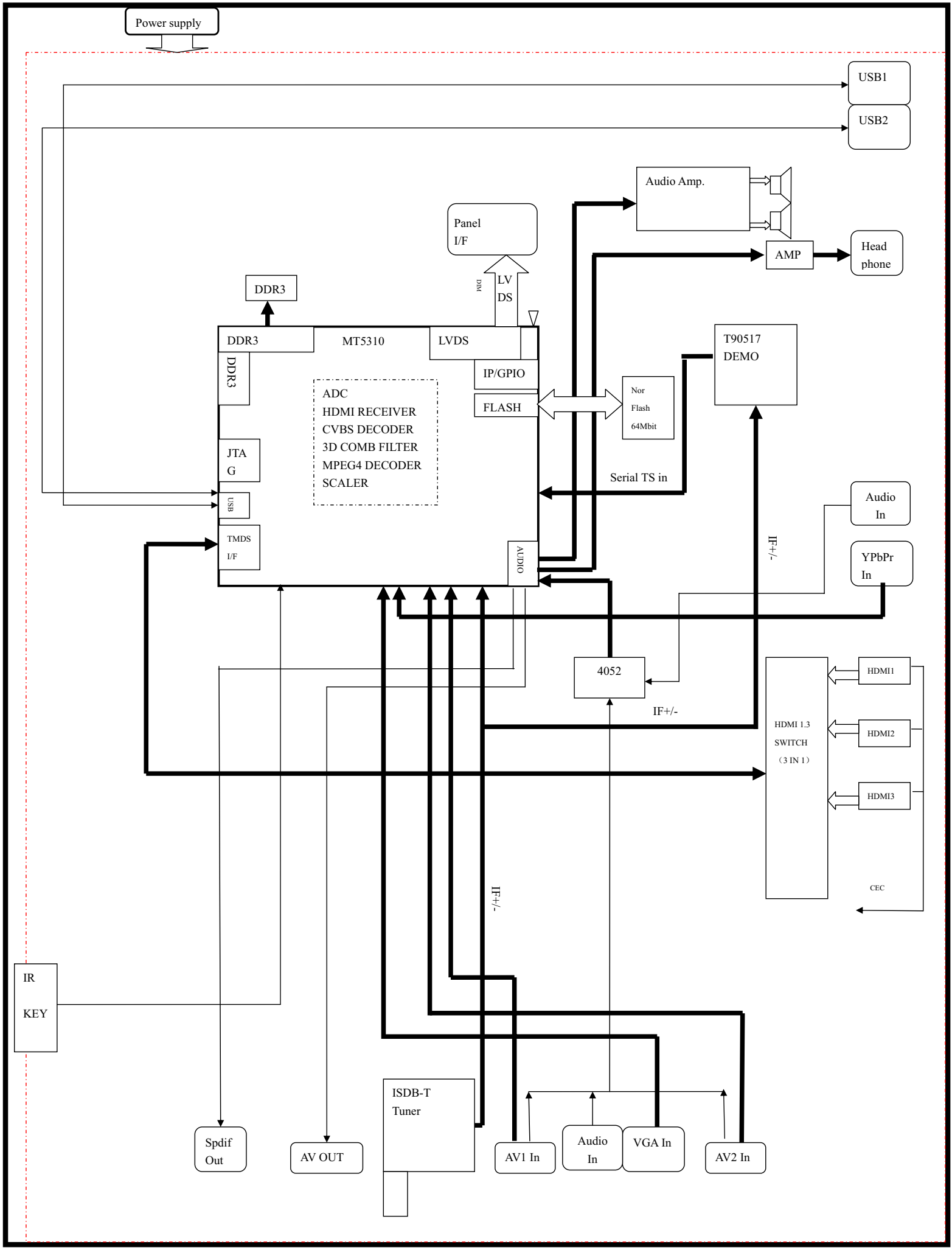
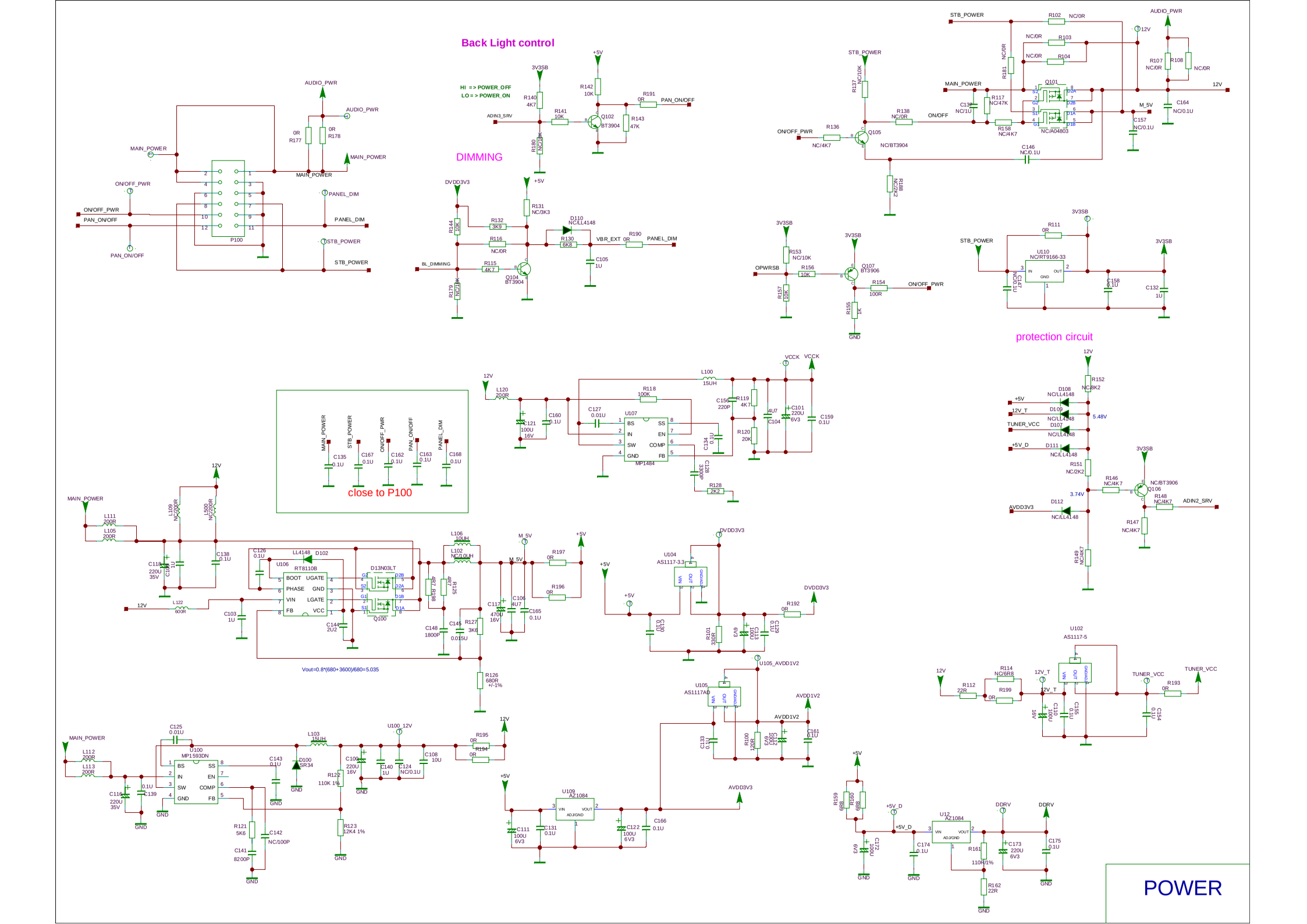
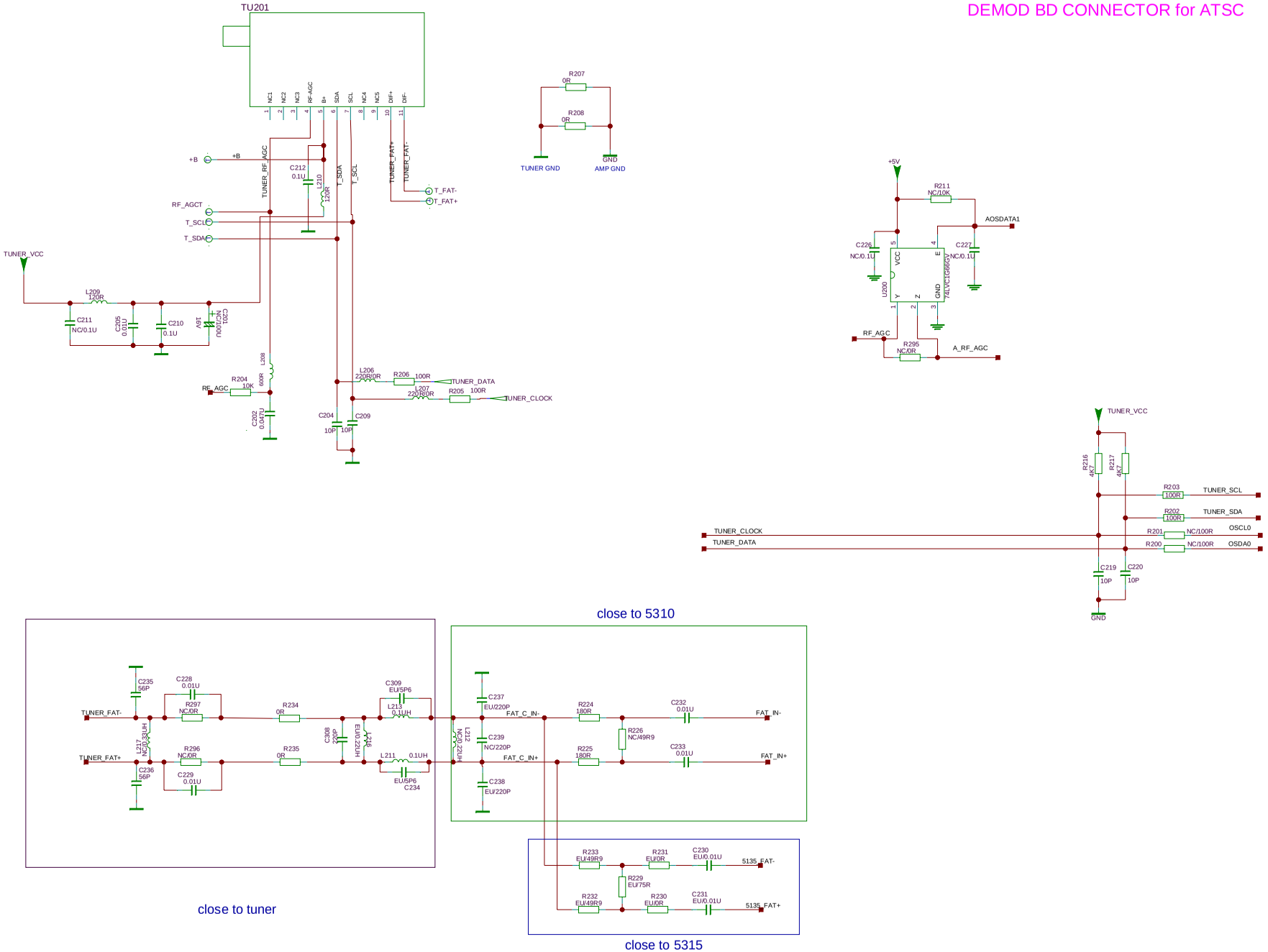
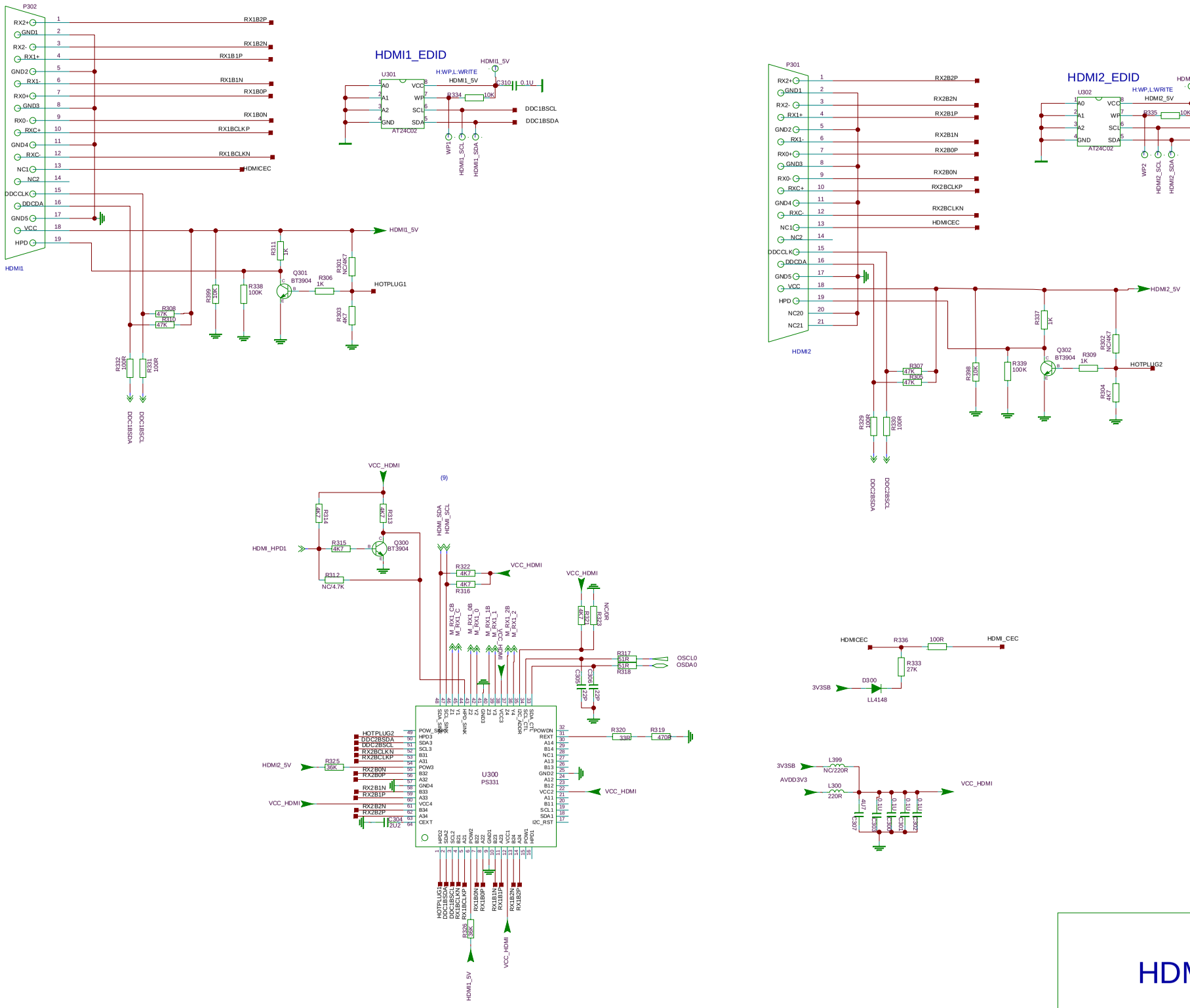

Power supply
USB1
USB2
Audio Amp.
Panel
I/F
AMP
Head
phone
DDR3
LV
DS
DDR3
MT5310
LVDS
T90517
DEMO
DDR3
IP/GPIO
ADC
HDMI RECEIVER
CVBS DECODER
3D COMB FILTER
MPEG4 DECODER
SCALER
FLASH
Nor
Flash
64Mbit
JTA
G
Serial TS in
Audio
In
USB
TMDS
I/F
AUDIO
IF+/-
YPbPr
In
4052
IF+/-
HDMI1
HDMI 1.3
SWITCH
（3 IN 1）
HDMI2
HDMI3
CEC
IF+/-
IR
KEY
ISDB-T
Tuner
Spdif
Out
AV OUT
AV1 In
Audio
In
VGA In
AV2 In


Back Light control
HI = > POWER_OFF
LO = > POWER_ON
DIMMING
protection circuit
close to P100
Vout=0.8*(680+3600)/680=5.035
POWER

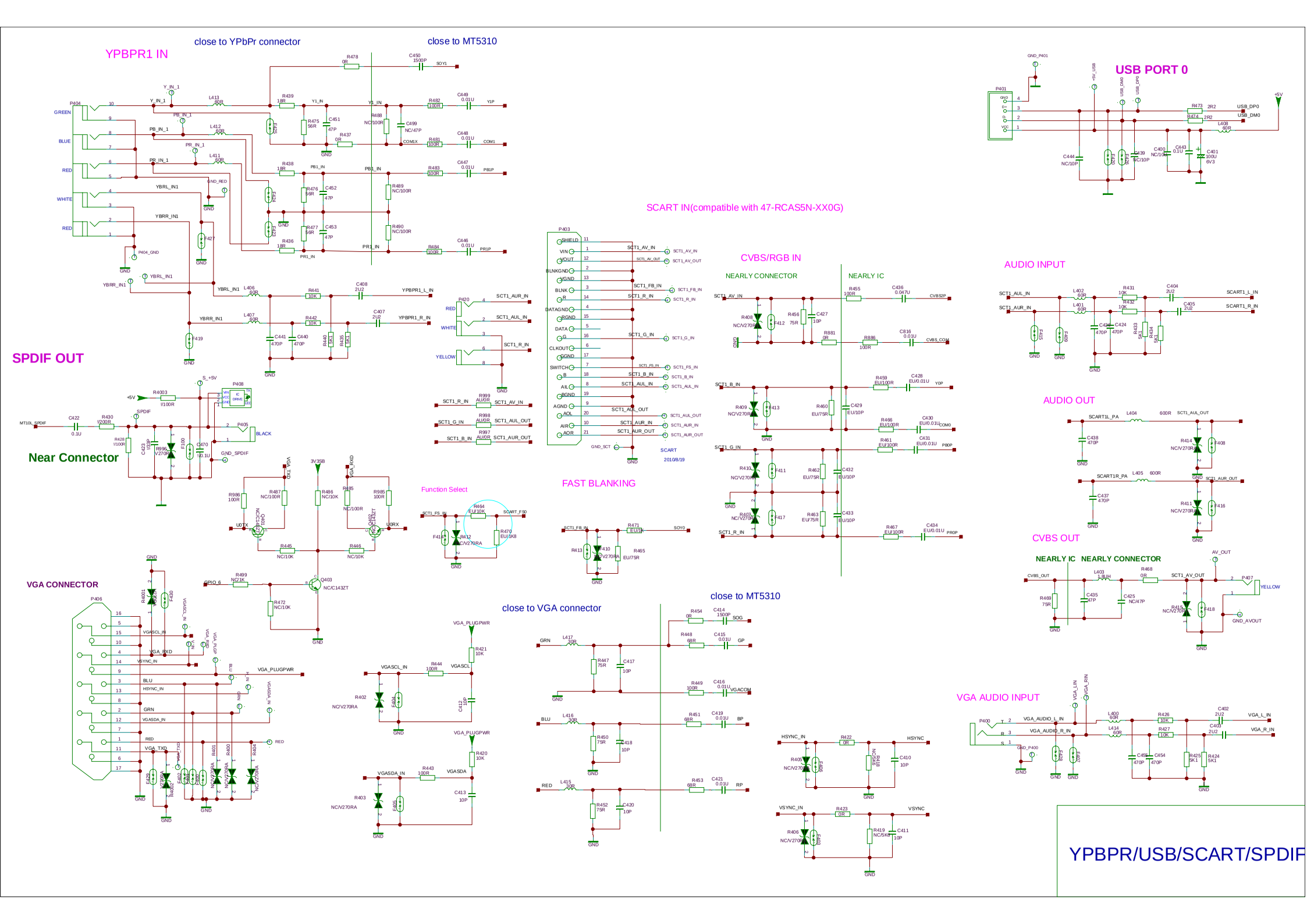
DEMOD BD CONNECTOR for ATSC

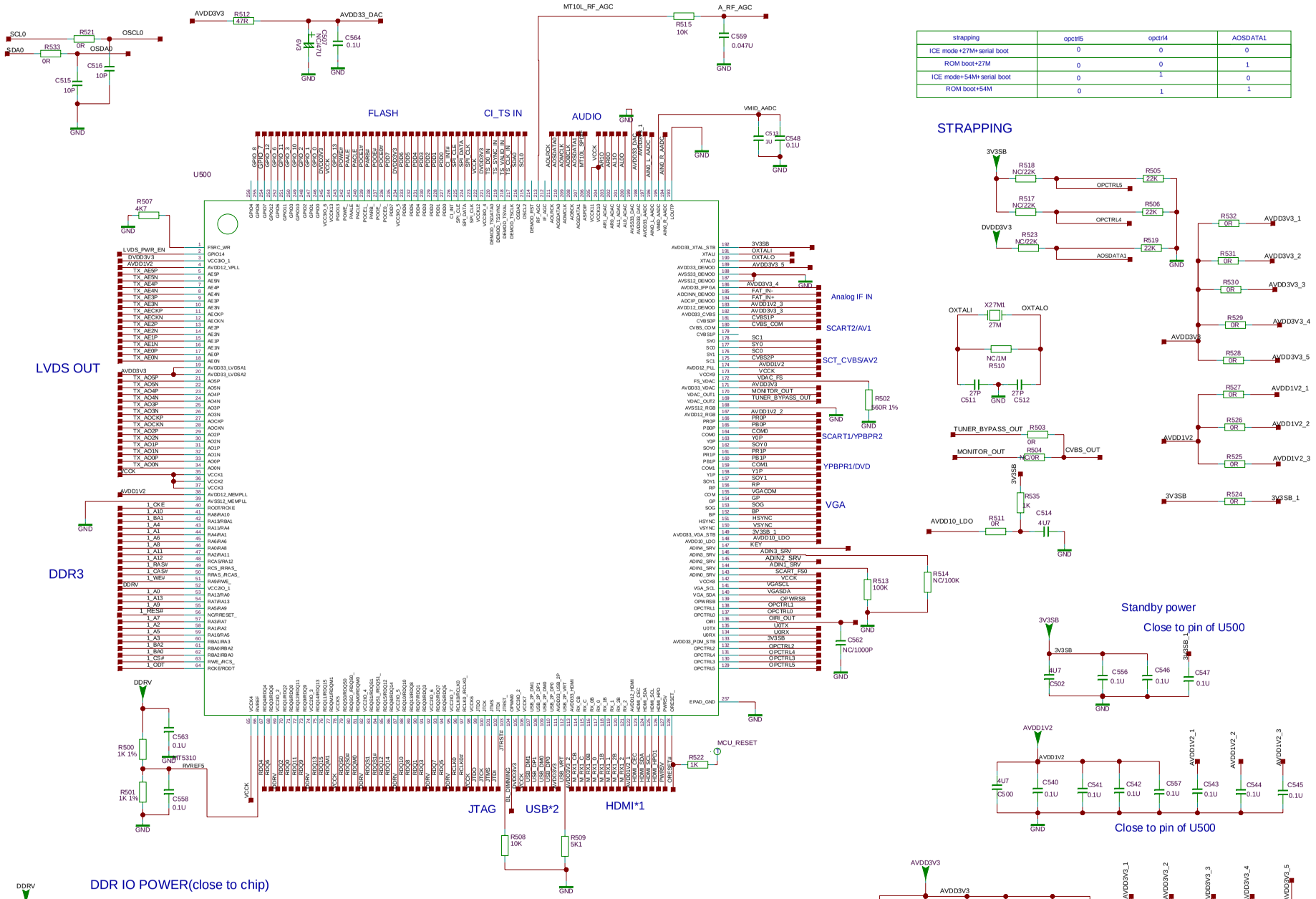


TUNER/BPF


P302
RX2+
GND1
RX2-
RX1+
GND2
RX1-
RX0+
GND3
RX0-
RXC+
GND4
RXC-
NC1
NC2
DDCCLK
DDCDA
GND5
VCC
HPD
RX1B2P
RX1B2N
RX1B1P
RX1B1N
RX1B0P
RX1B0N
RX1BCLKP
RX1BCLKN
HDMICEC
HDMI1
HDMI1_EDID
U301
AT24C02
H:WP,L:WRITE
HDMI1_5V
C310
0.1U
R334
10K
DDC1BSCL
DDC1BSDA
WP1
HDMI1_SCL
HDMI1_SDA
R311
1K
Q301
BT3904
R306
1K
R301
NC/4K7
HOTPLUG1
R303
4K7
R308
47K
R310
47K
R399
10K
R338
100K
R332
100R
R331
100R
DDC1BSDA
DDC1BSCL
P301
RX2B2P
RX2B2N
RX2B1P
RX2B1N
RX2B0P
RX2B0N
RX2BCLKP
RX2BCLKN
HDMICEC
HDMI2
HDMI2_EDID
U302
C311
R335
10K
DDC2BSCL
DDC2BSDA
WP2
HDMI2_SCL
HDMI2_SDA
R337
1K
Q302
BT3904
R309
1K
R302
NC/4K7
HOTPLUG2
R304
4K7
R307
47K
R305
47K
R398
10K
R339
100K
R329
100R
R330
100R
DDC2BSDA
DDC2BSCL
VCC_HDMI
R314
4K7
R313
4K7
R315
4K7
Q300
BT3904
R312
NC/4.7K
HDMI_HPD1
HDMI_SDA
HDMI_SCL
(9)
R322
4K7
R316
4K7
R323
NC/0R
R324
NC/0R
R317
51R
R318
51R
OSCL0
OSDA0
C305
22P
C306
22P
U300
PS331
R320
33R
R319
470R
R325
36K
C304
2U2
R326
56K
HDMI5_5V
HDMI1_5V
HDMICEC
R336
100R
HDMI_CEC
R333
27K
3V3SB
D300
LL4148
L399
NC/220R
AVDD3V3
L300
220R
C307
C303
C308
C301
C302
0.1U
4U7

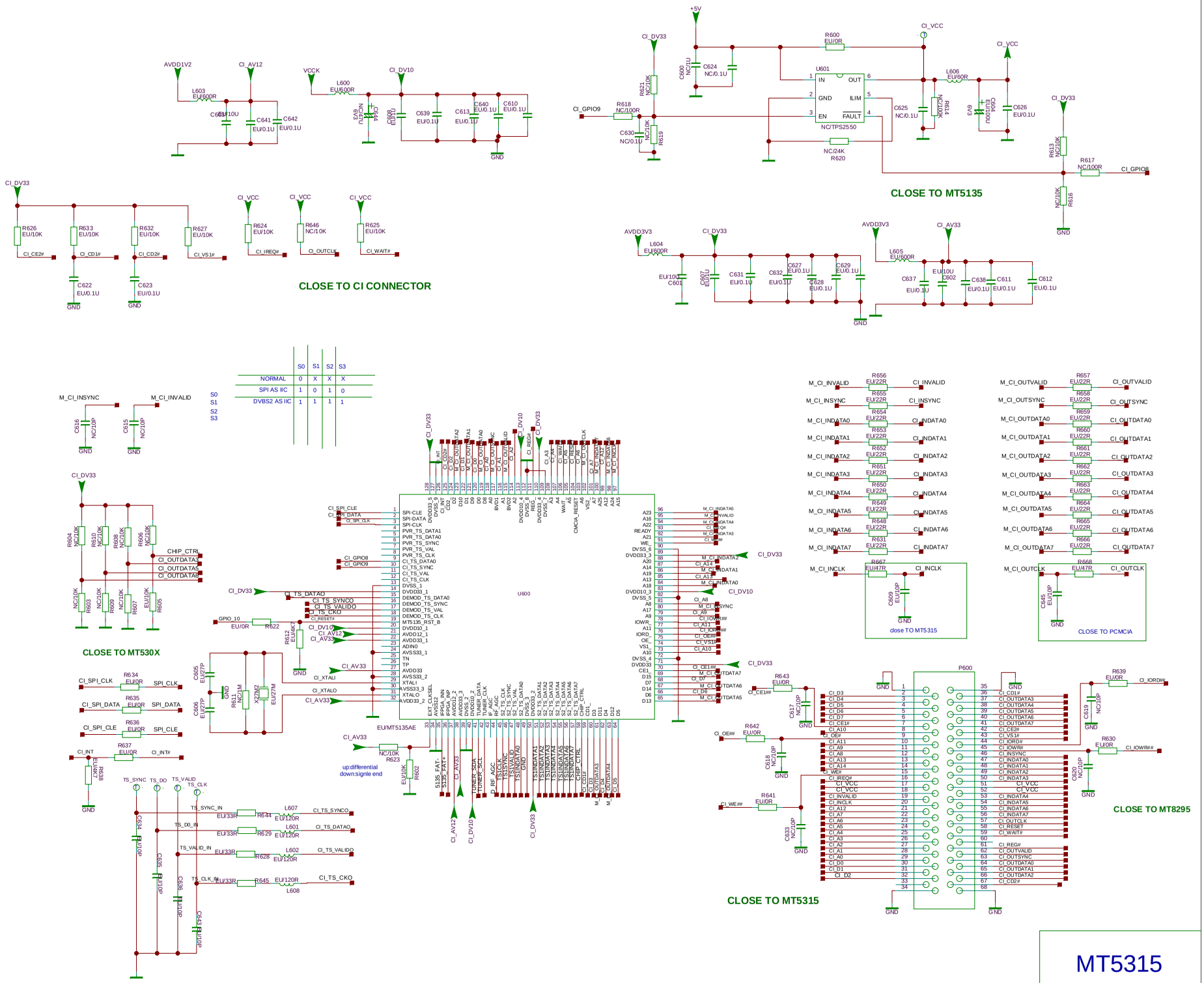
HDMI

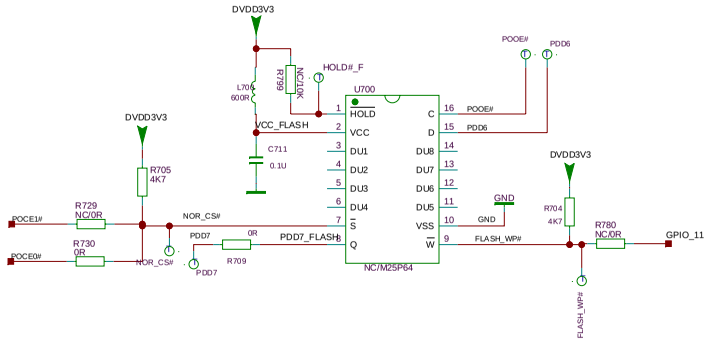

close to YPbPr connector
close to MT5310
YPBPR1 IN
USB PORT 0
SCART IN(compatible with 47-RCAS5N-XX0G)
CVBS/RGB IN
NEARLY CONNECTOR
NEARLY IC
AUDIO INPUT
SPDIF OUT
Near Connector
AUDIO OUT
Function Select
FAST BLANKING
CVBS OUT
NEARLY IC
NEARLY CONNECTOR
VGA CONNECTOR
close to VGA connector
close to MT5310
VGA AUDIO INPUT
YPBPR/USB/SCART/SPDIF

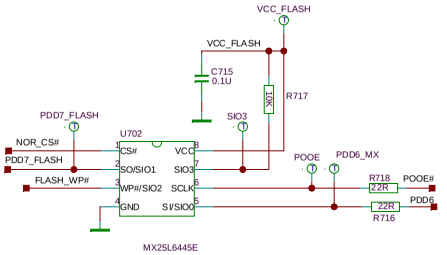


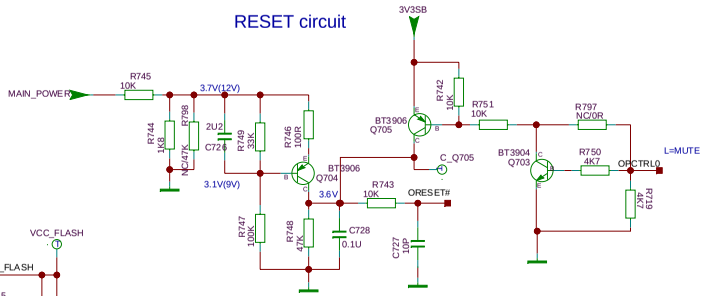
strapping	opctrl5	opctrl4	AOSDATA1
ICE mode+27M+serial boot	0	0	0
ROM boot+27M	0	0	1
ICE mode+54M+serial boot	0	1	0
ROM boot+54M	0	1	1

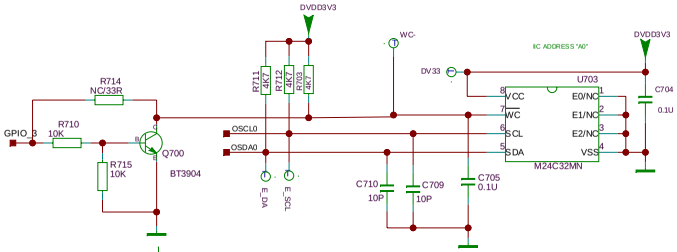
MT5310

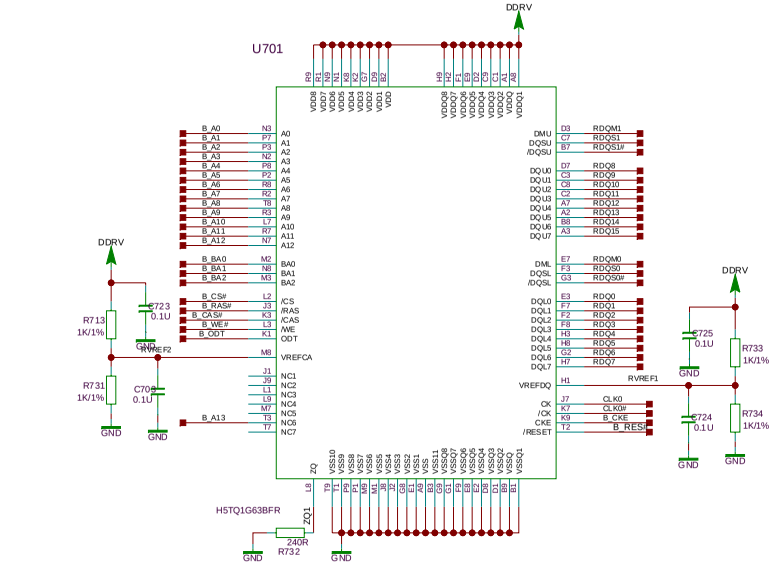

CLOSE TO MT5135
CLOSE TO CI CONNECTOR
CLOSE TO MT530X
CLOSE TO MT5315
CLOSE TO MT8295
CLOSE TO PCMCIA
close TO MT5315
EU/MT5135AE
up:differential
down:signle end
MT5315

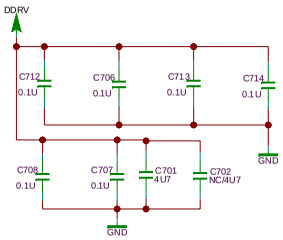






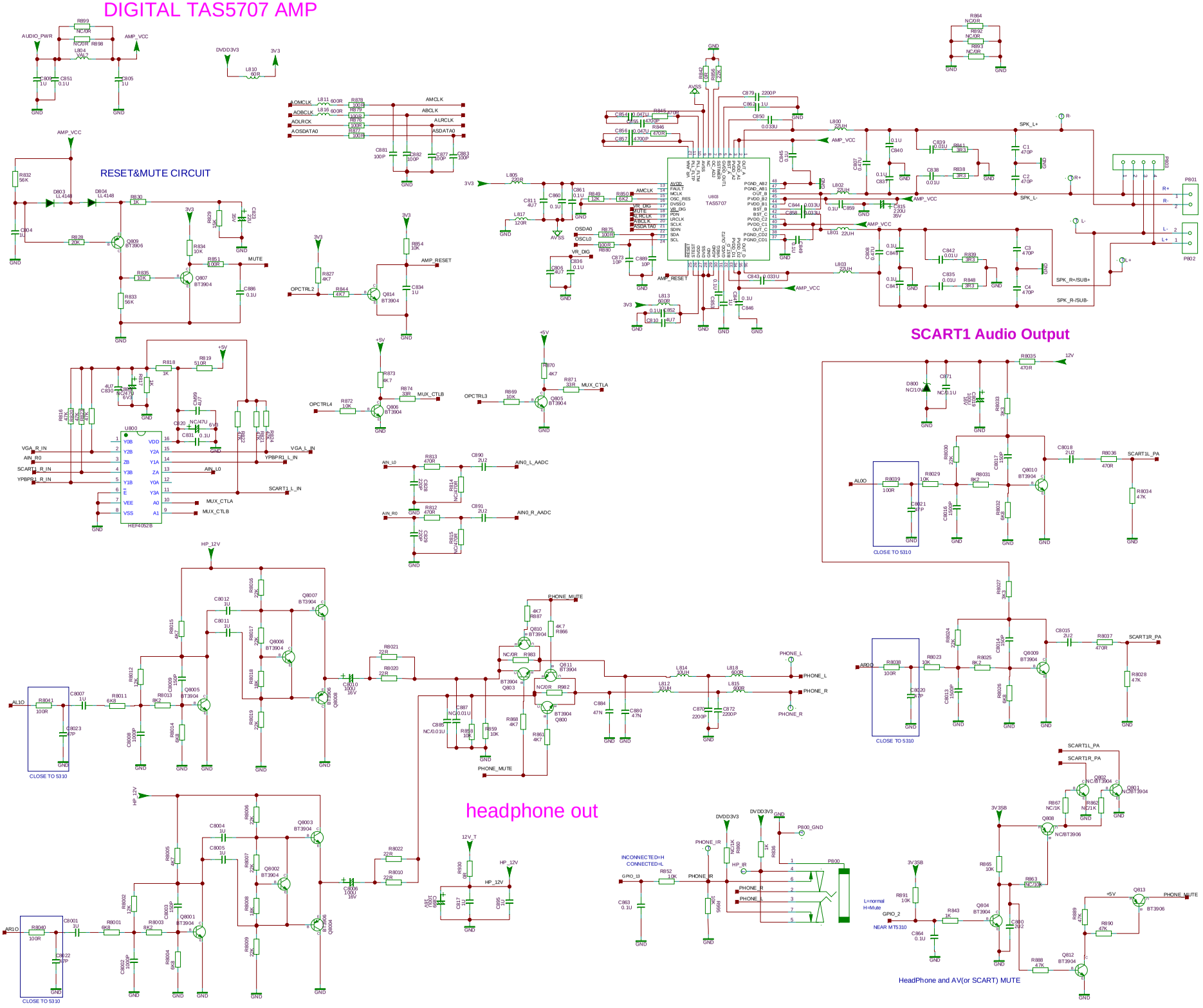




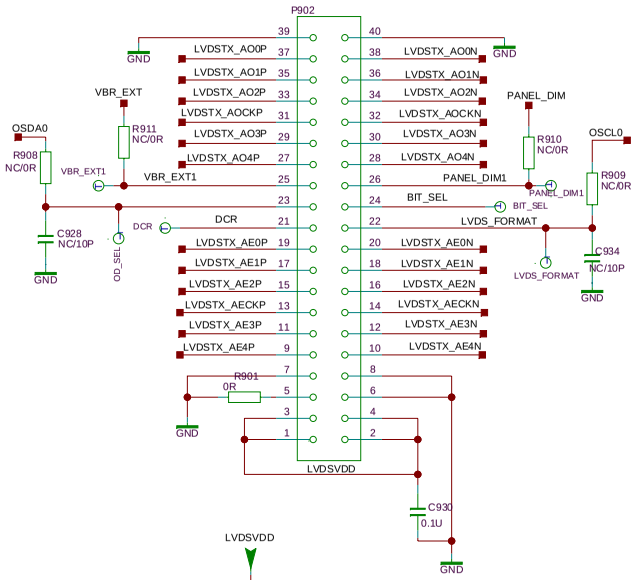


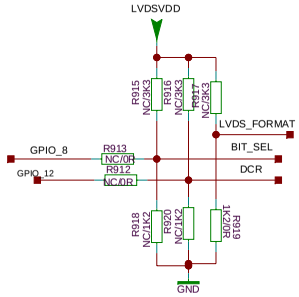
FLASH/DDR3/JTAG

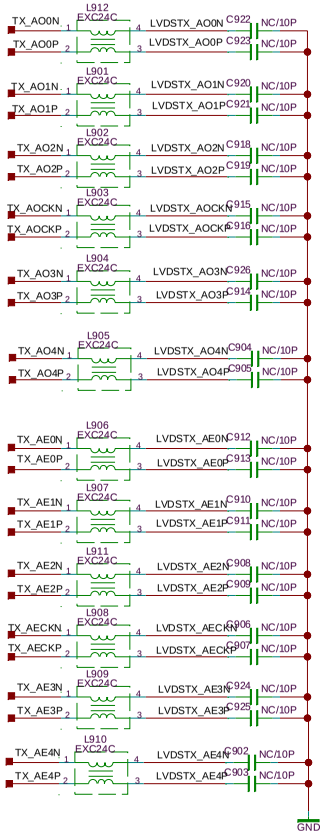
DIGITAL TAS5707 AMP



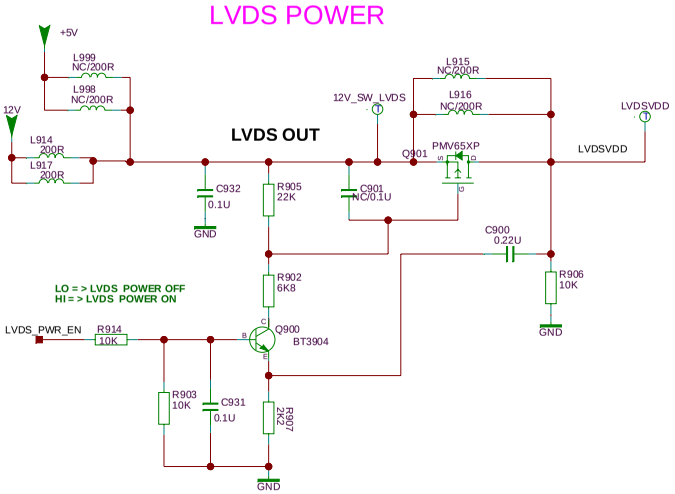
LVDS OUT



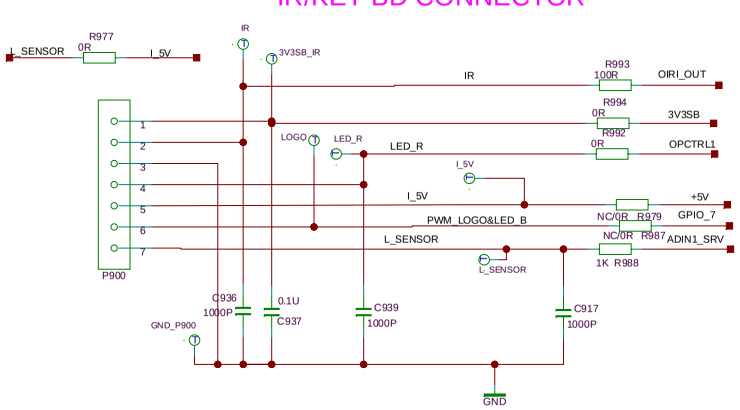


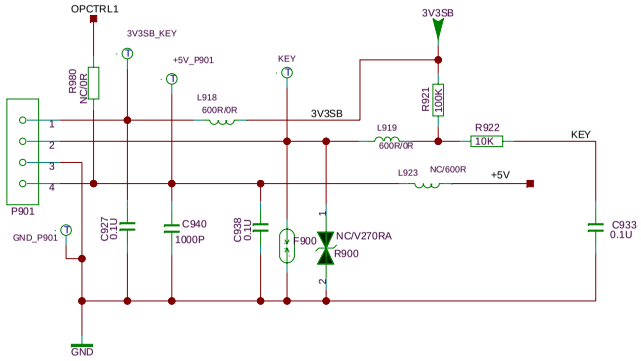


LVDS POWER



IR/KEY BD CONNECTOR





LVDS