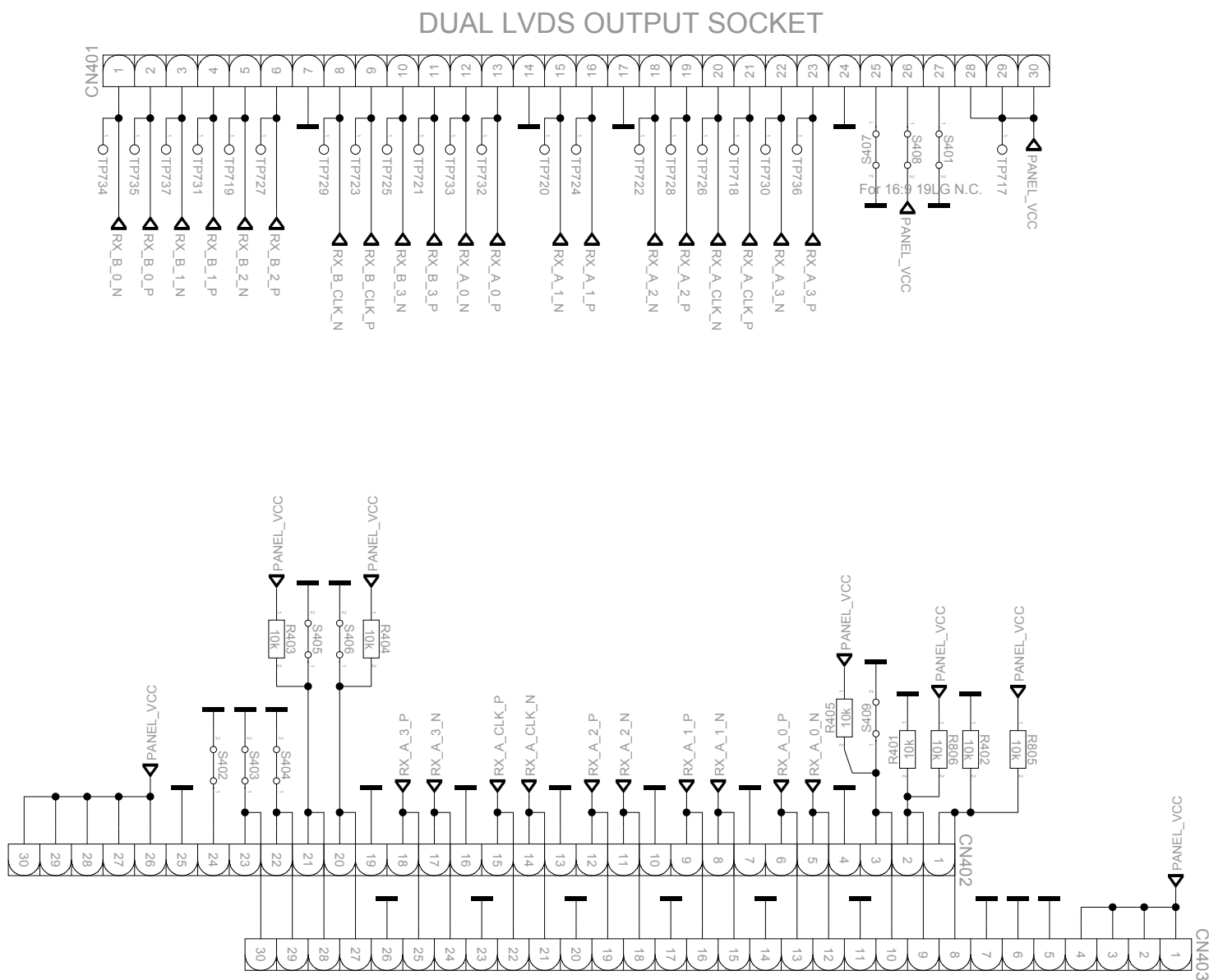


The schematic shows the connection between the CN404 connector pins and the HDMI signals. The connections are as follows:

- HDMI_2+:** Connected to pin 21 via resistor R421 (10R).
- HDMI_2-:** Connected to pin 2 via resistor R415 (10R).
- HDMI_1+:** Connected to pin 3 via resistor R416 (10R) and pin 4 via resistor R422 (10R).
- HDMI_1-:** Connected to pin 5 via resistor R417 (10R) and pin 6 via resistor R425 (10R).
- HDMI_0-:** Connected to pin 7 via resistor R418 (10R).
- HDMI_0+:** Connected to pin 9 via resistor R419 (10R).
- HDMI_C+:** Connected to pin 10 via resistor R423 (10R).
- HDMI_C-:** Connected to pin 11 via resistor R424 (10R).
- HDMI_SCL:** Connected to pin 15.
- HDMI_SDA:** Connected to pin 16.
- HDMI_5V:** Connected to pin 17.
- HDMI_HPD:** Connected to pin 18.

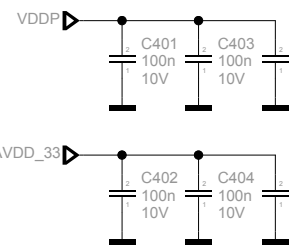
Additionally, there are pull-up resistors connected to ground:

- R413 (47k) connected to pin 15.
- R414 (47k) connected to pin 16.
- R420 (10R) connected to pin 17.

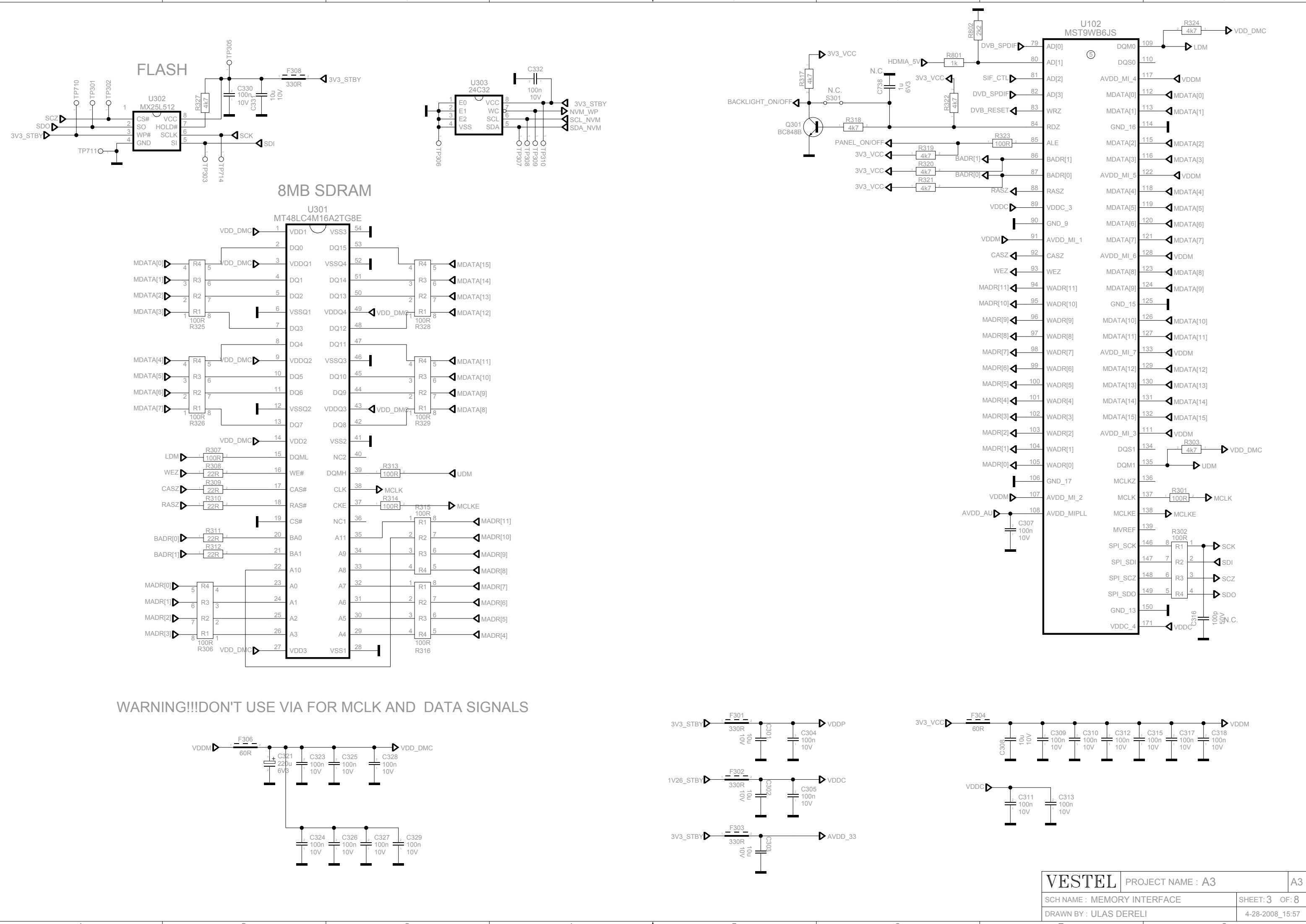


Pin diagram of the CN401 component. The pins are numbered 1 through 30. The diagram shows various signal pins (RX_A, RX_B, TX_A, TX_B), power pins (VCC, GND), and control pins (S401, S408, S409).

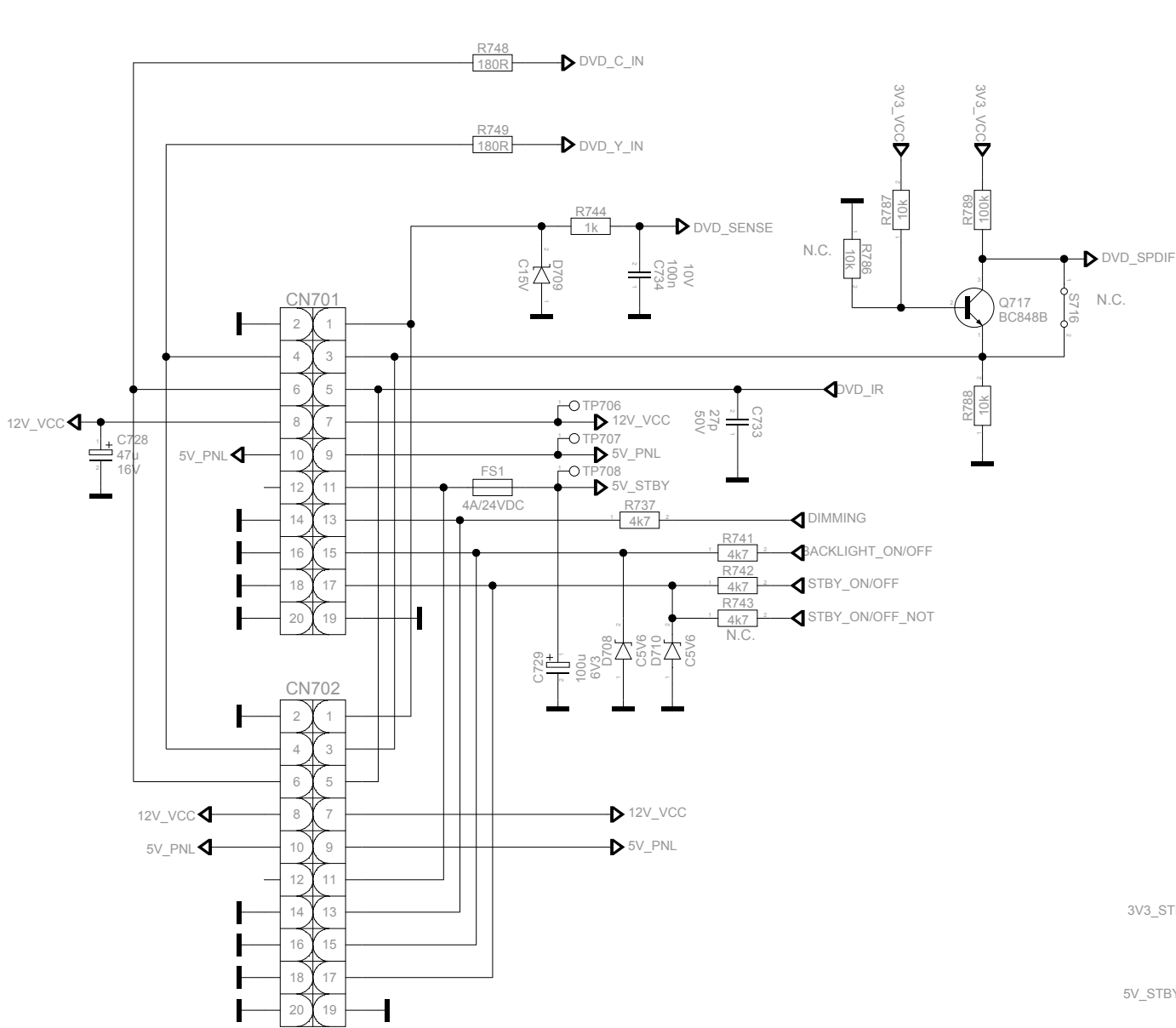
Pin	Signal
1	RX_B_0_N
2	RX_B_0_P
3	RX_B_1_N
4	RX_B_1_P
5	RX_B_2_N
6	RX_B_2_P
7	TX_B_29
8	RX_B_CLK_N
9	RX_B_CLK_P
10	RX_B_3_N
11	RX_B_3_P
12	RX_A_0_N
13	RX_A_0_P
14	TX_A_20
15	RX_A_1_N
16	RX_A_1_P
17	RX_A_2_N
18	RX_A_2_P
19	RX_A_CLK_N
20	RX_A_CLK_P
21	RX_A_3_N
22	RX_A_3_P
23	TX_A_26
24	TX_A_27
25	TX_A_28
26	PANEL_VCC
27	PANEL_VCC
28	PANEL_VCC
29	PANEL_VCC
30	PANEL_VCC



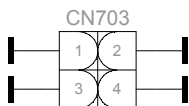
VESTEL	PROJECT NAME : 17mb45	A3
SCH NAME : HDMI&LVDS OUT		SHEET: 4 OF: 8
DRAWN BY : ULAS DERELI		4-28-2008_15:57





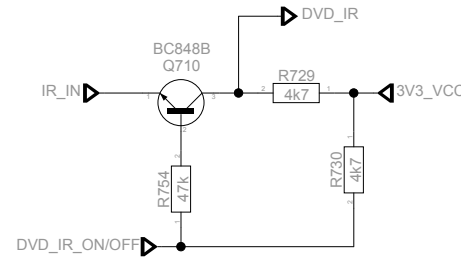
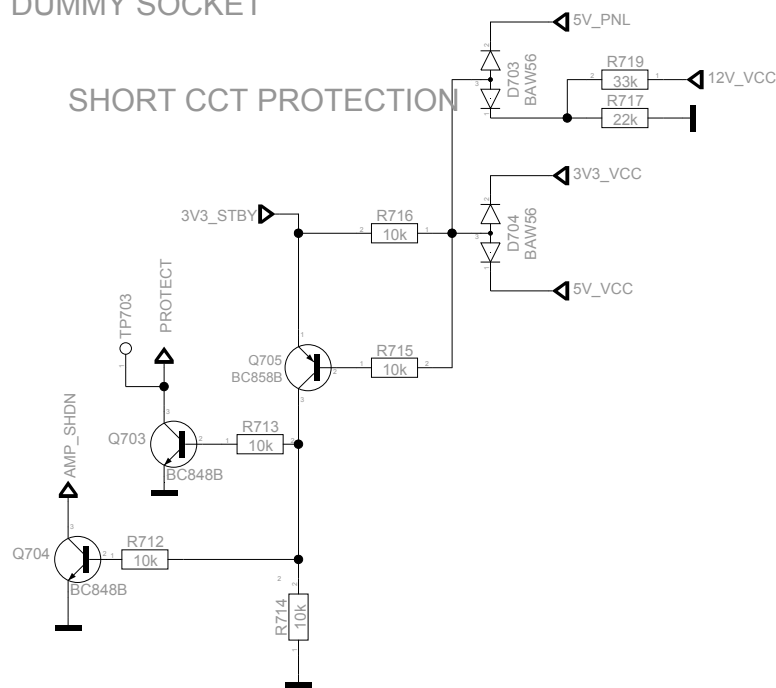


17IPS16 CONNECTOR

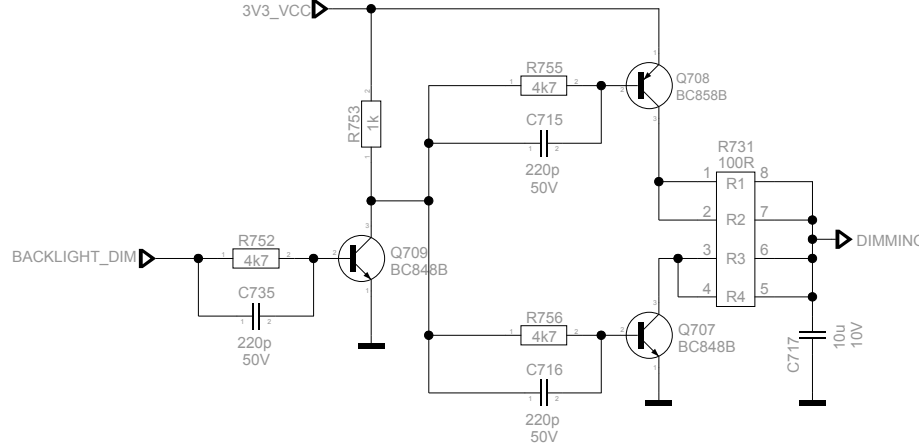


DUMMY SOCKET

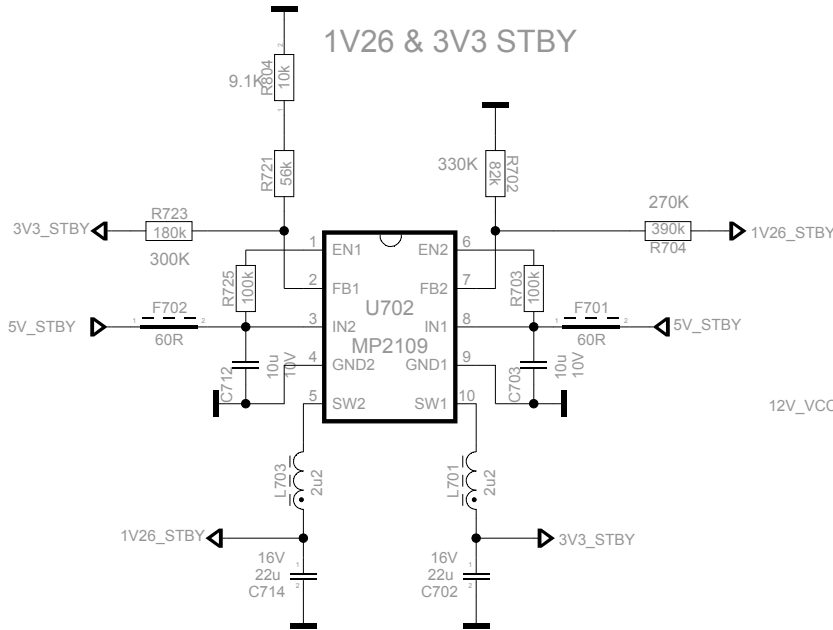
SHORT CCT PROTECTION



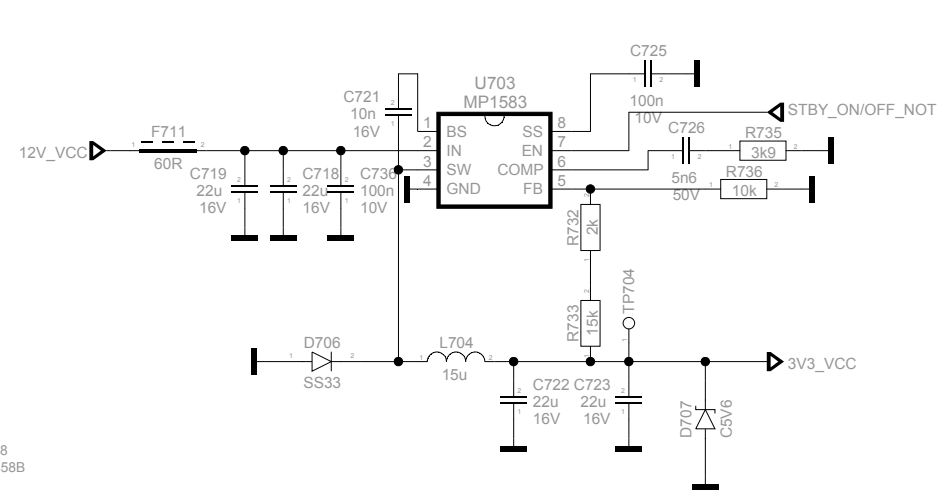
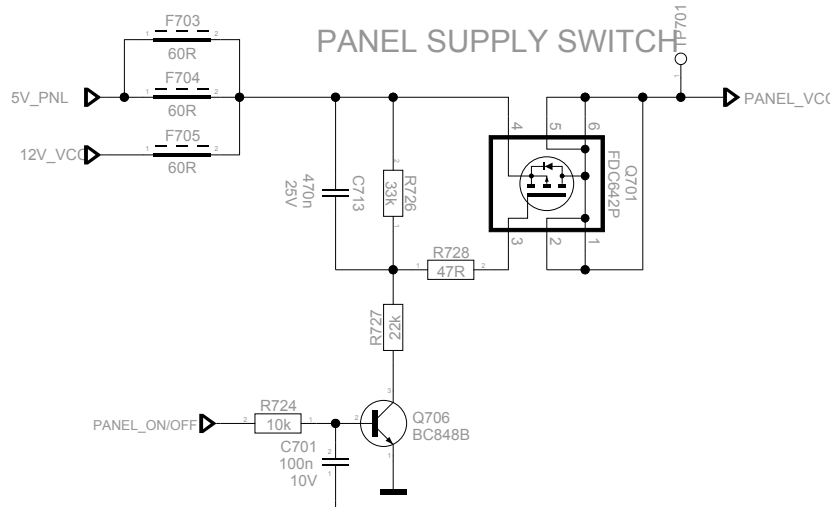
DIMMING CIRCUIT



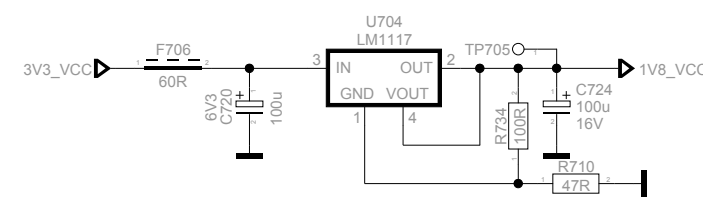
1V26 & 3V3 STBY



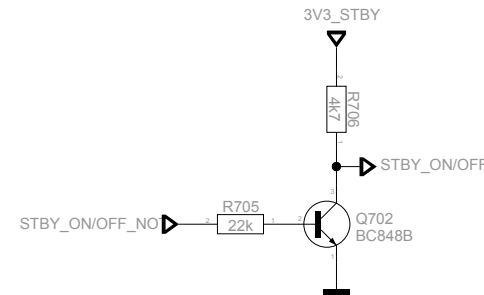
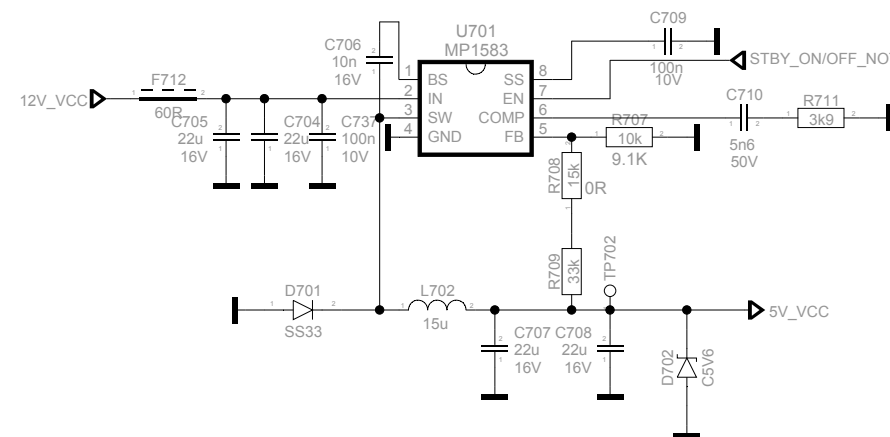
PANEL SUPPLY SWITCH

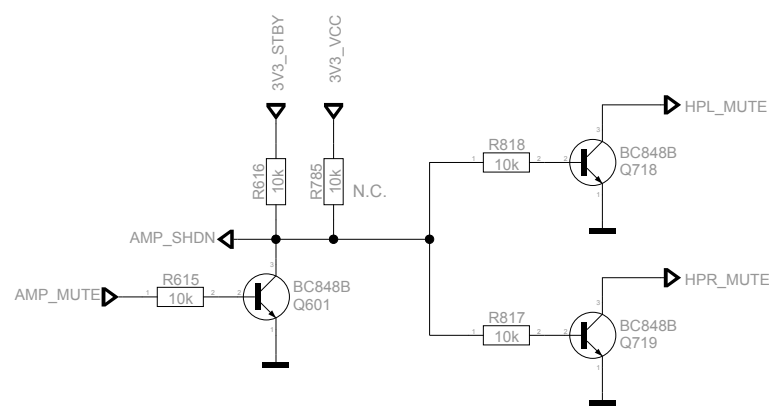
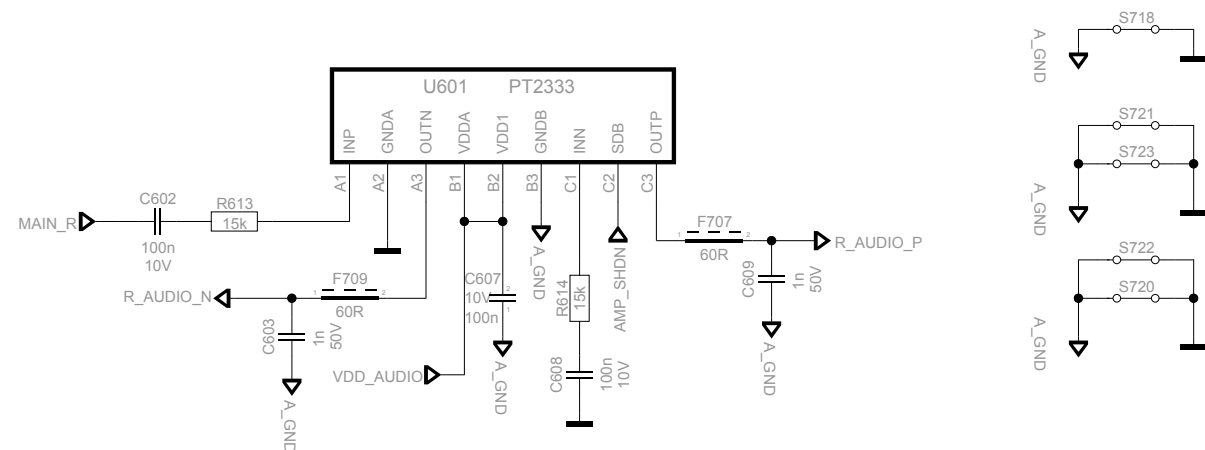
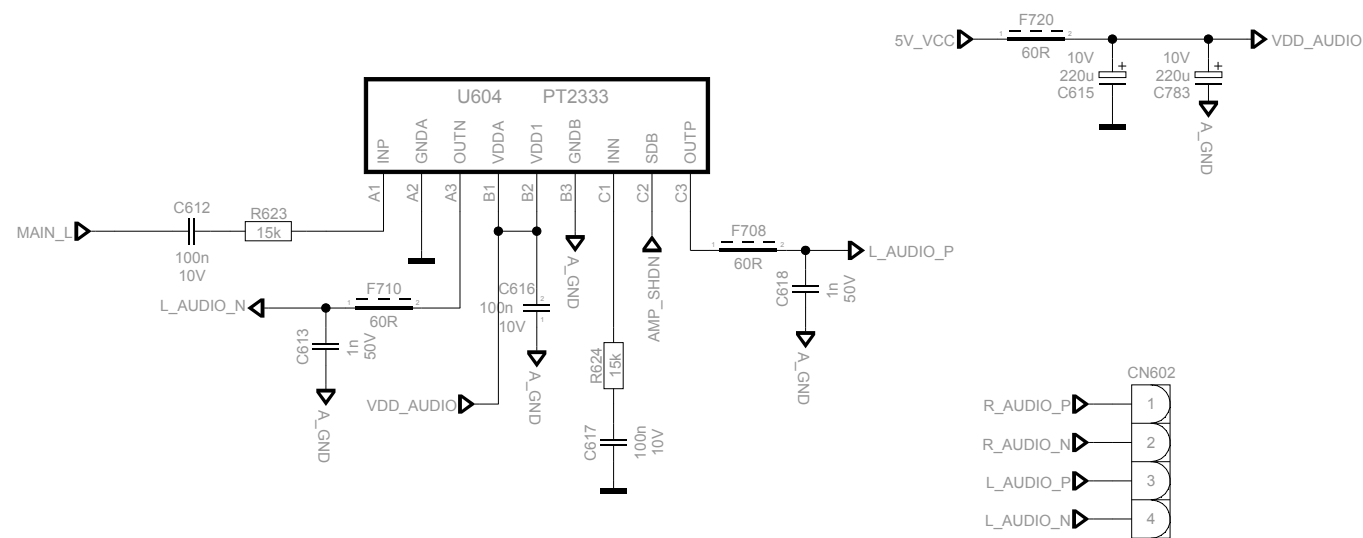


1V8 DVB

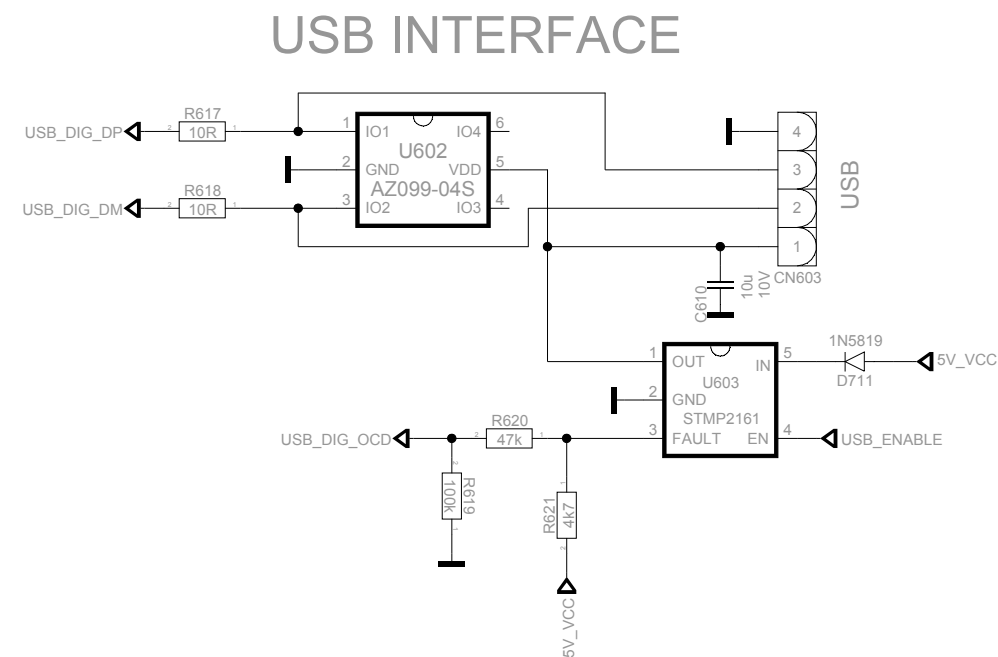
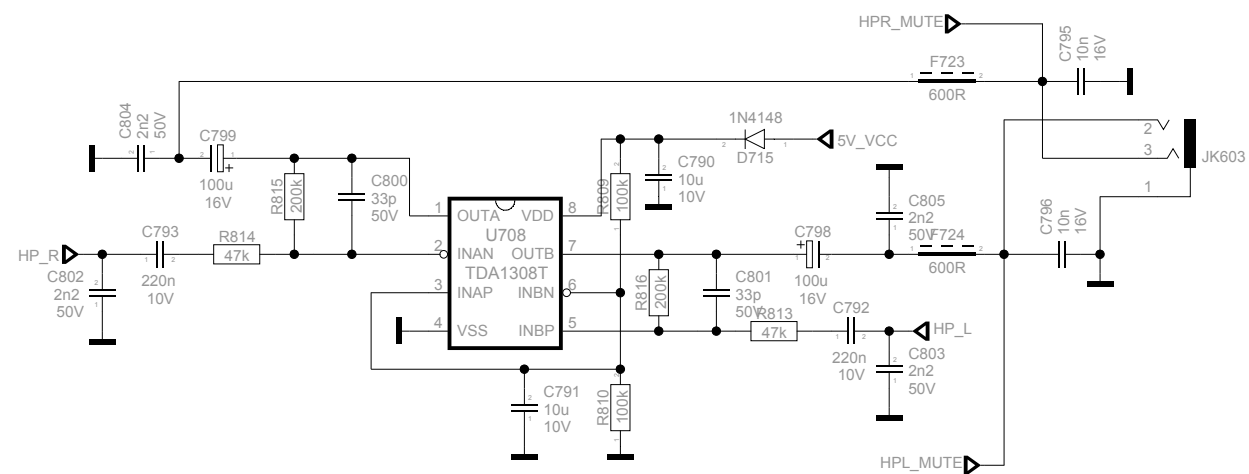


5V SYSTEM





HEADPHONE AMPLIFIER



CI SOCKET

