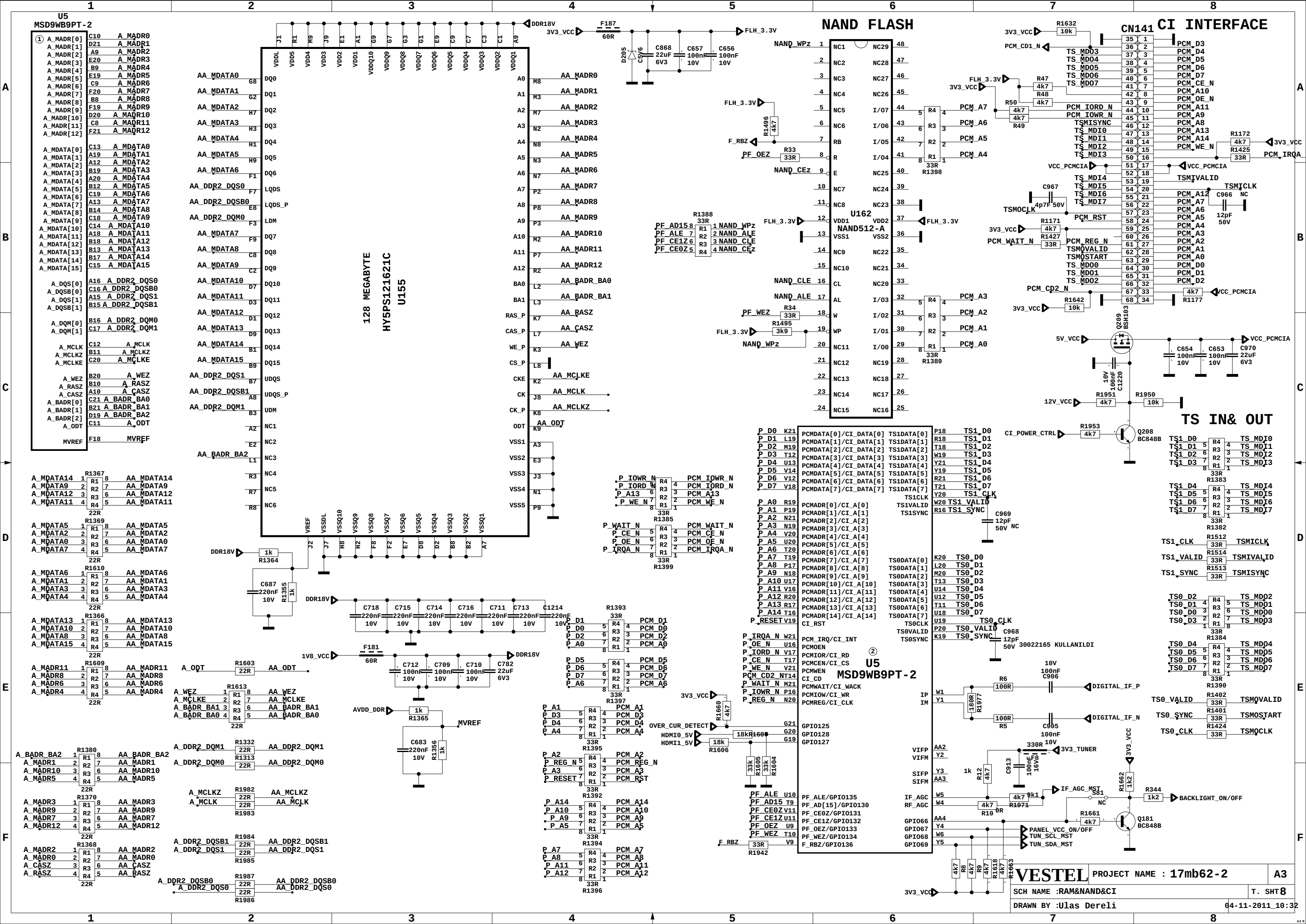
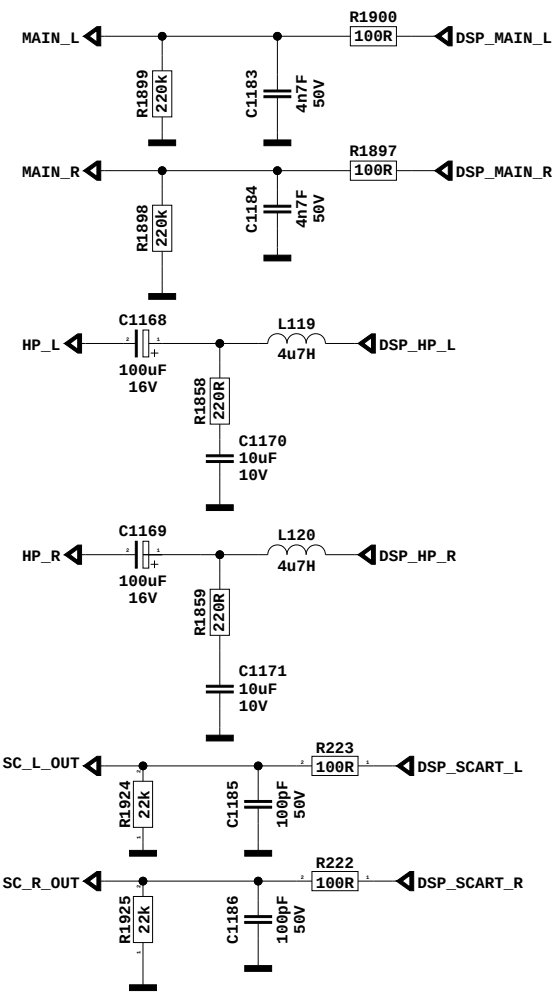
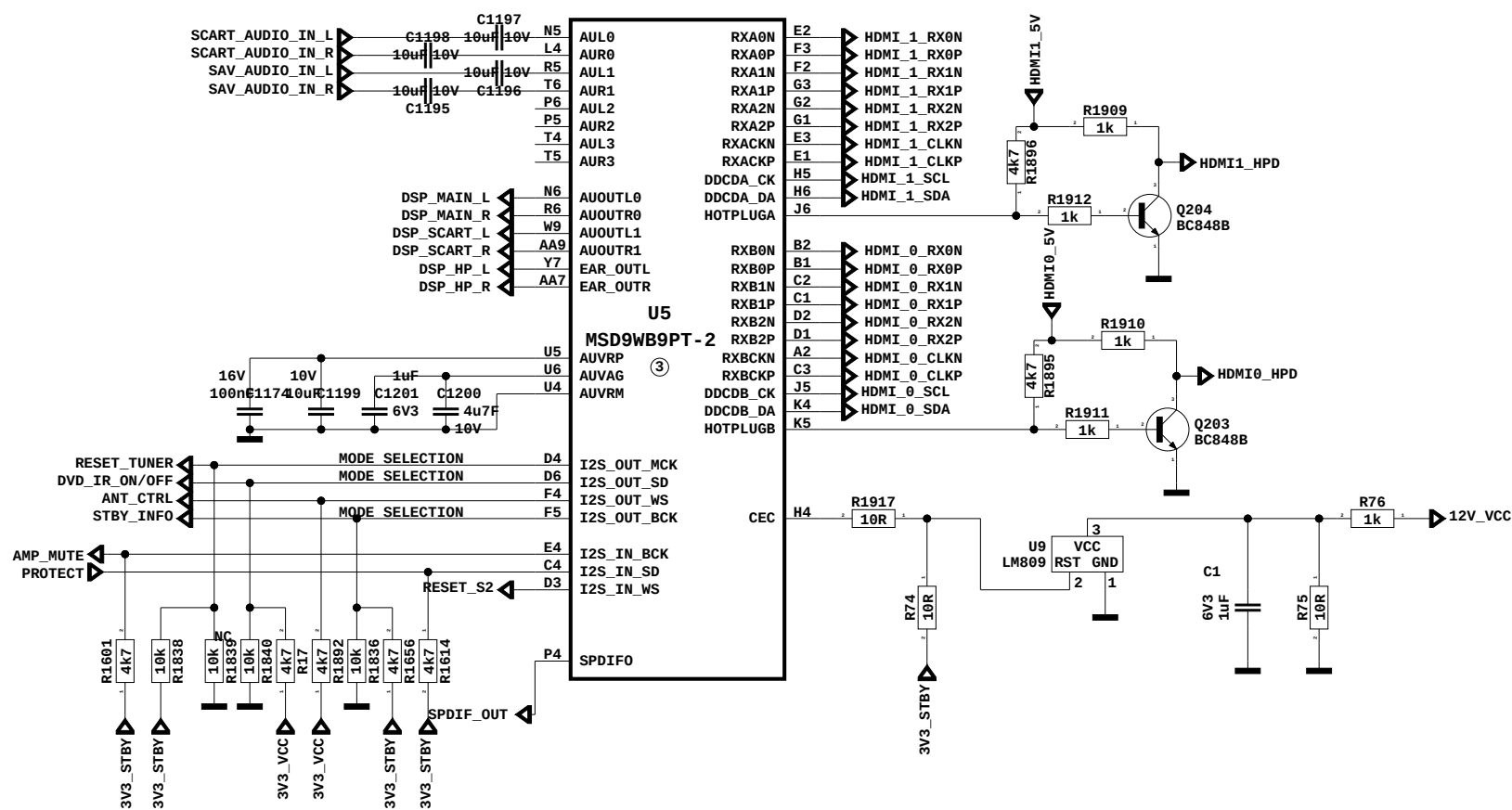
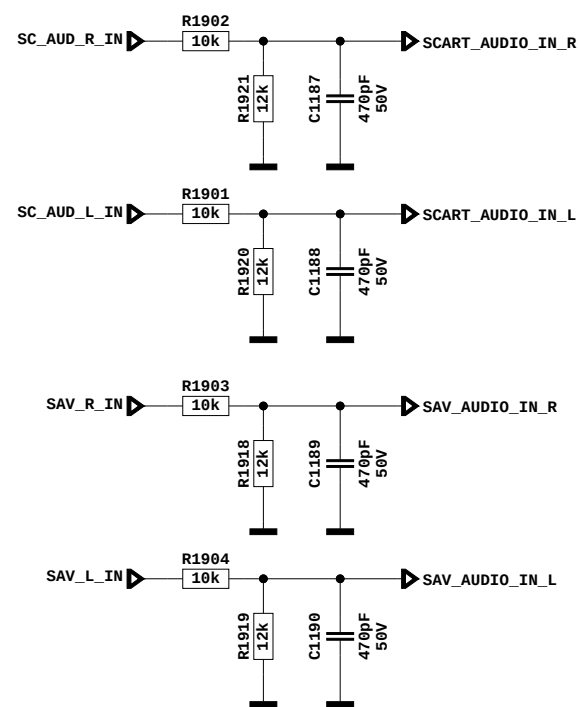




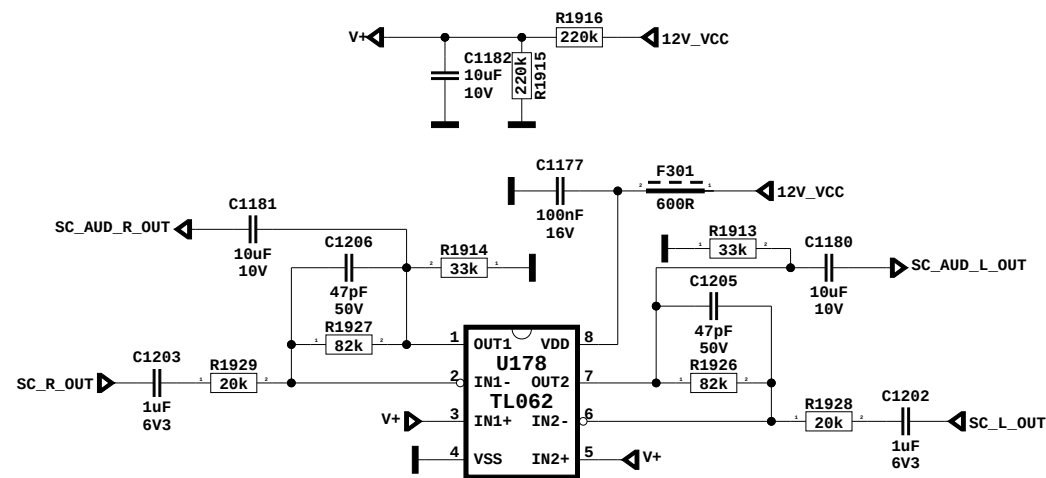
AUDIO OUTPUTs



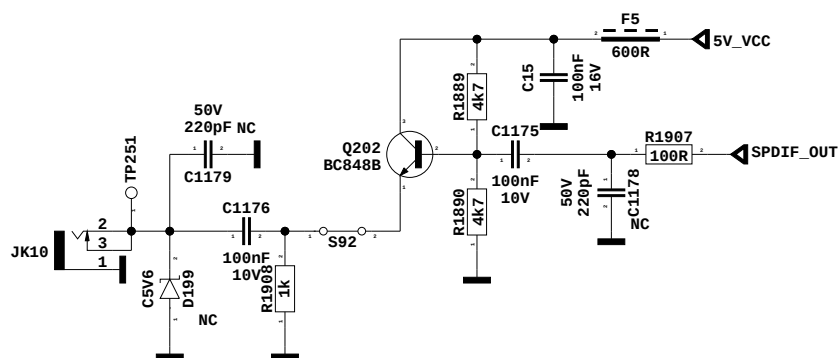
AUDIO INPUTs



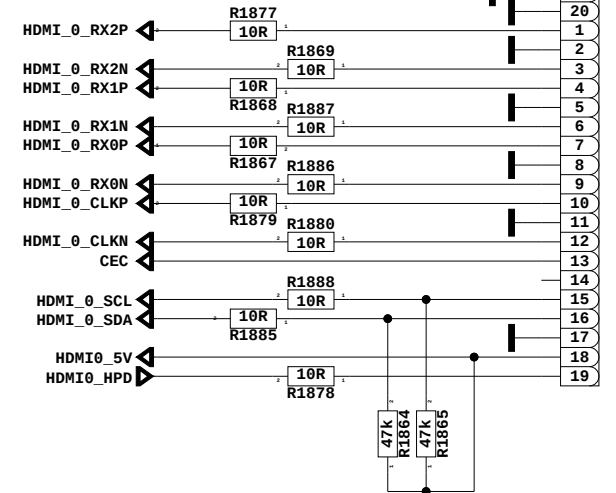
PRE-AMP for SCART AUDIO



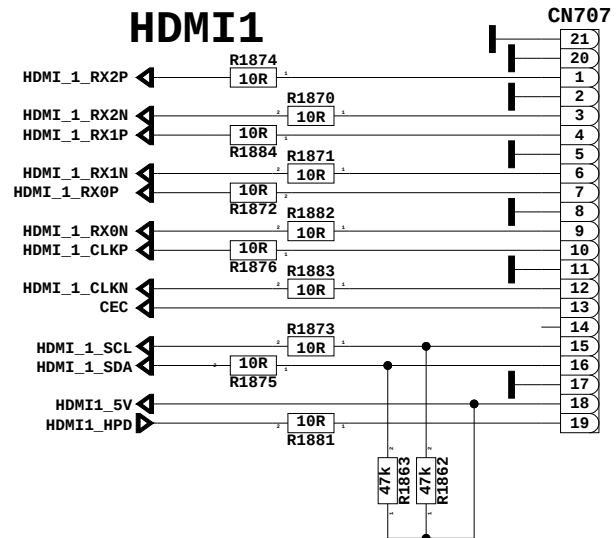
COAX SPDIF OUT



HDMI2

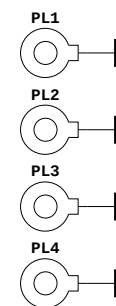


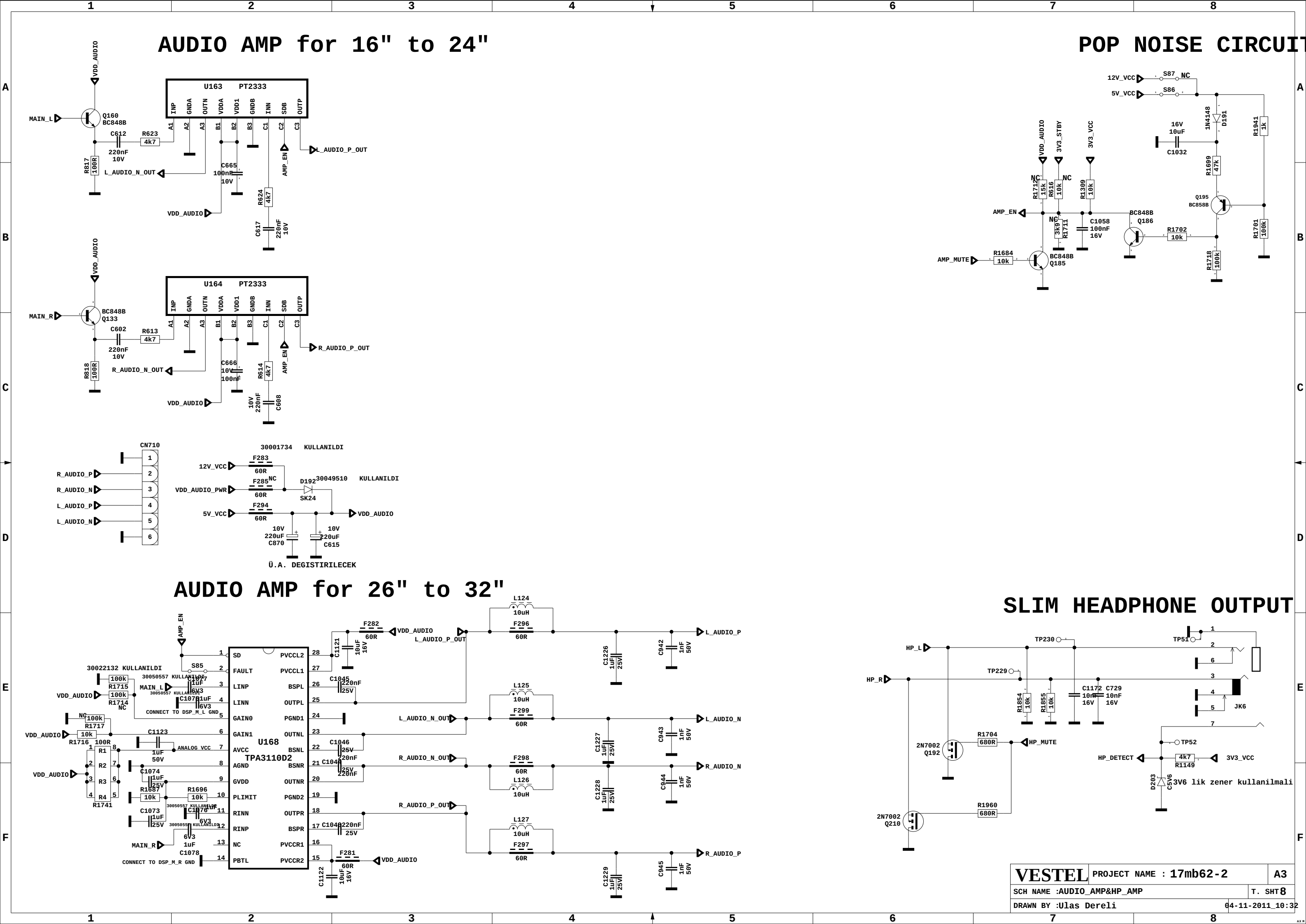
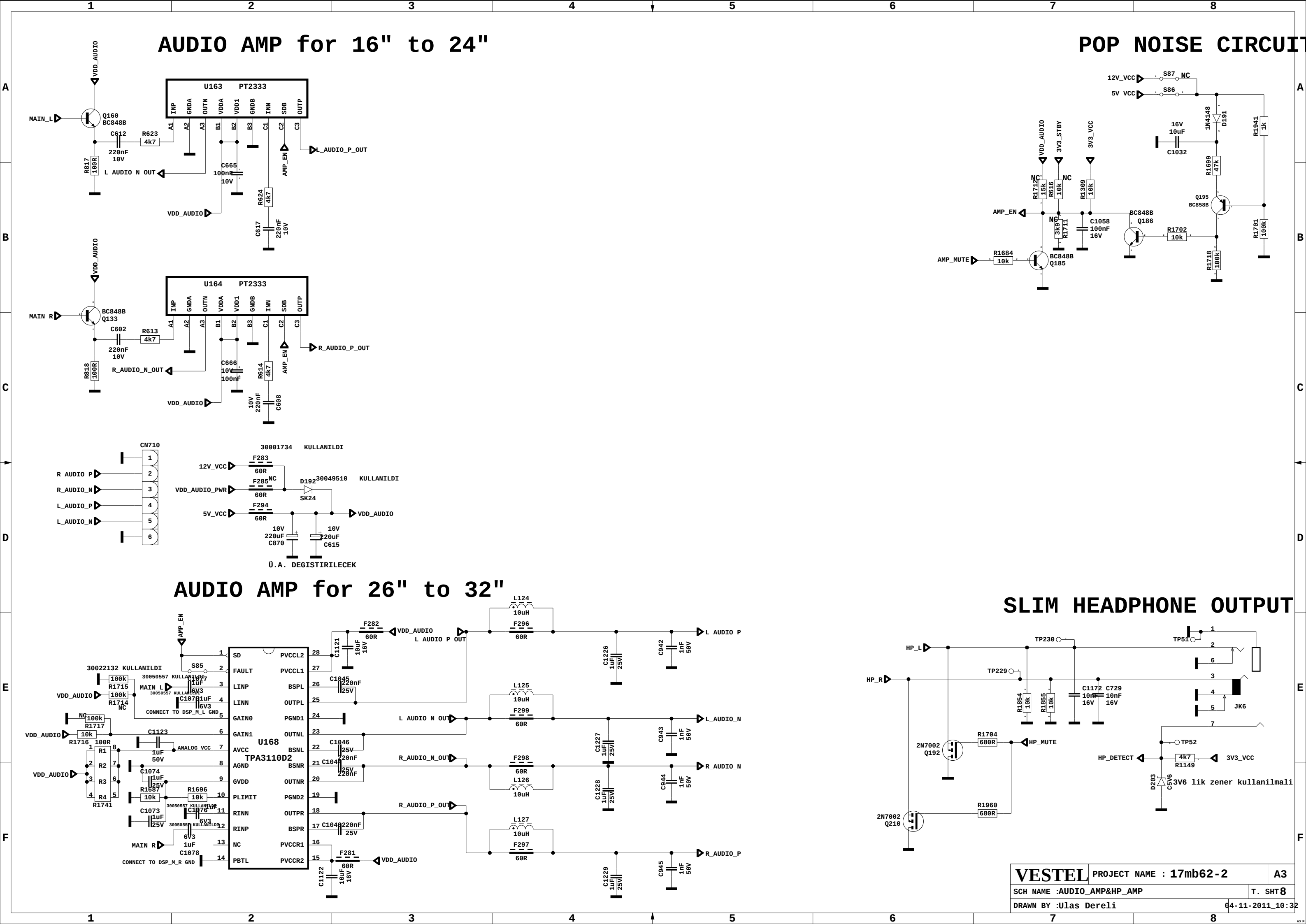
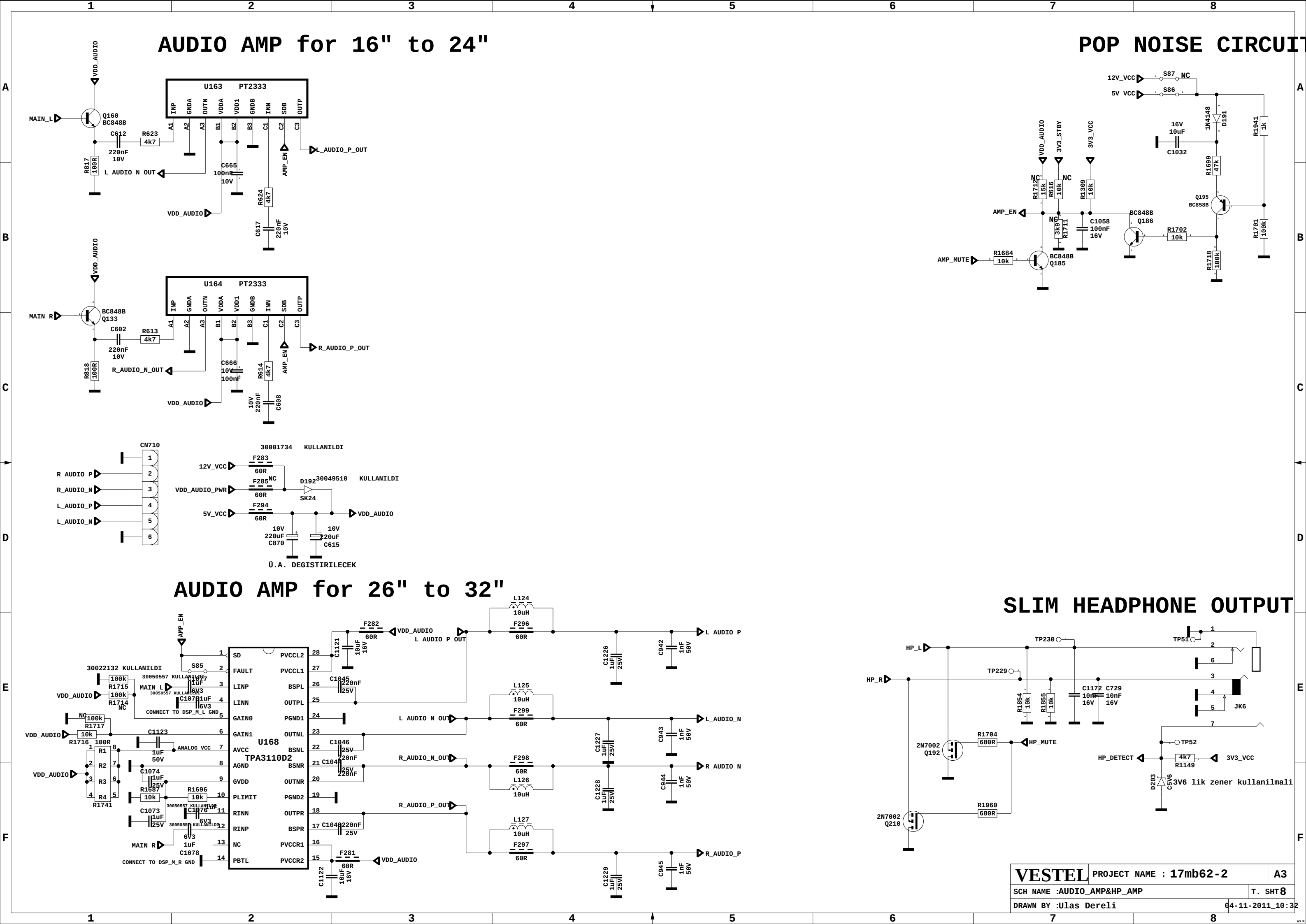
HDMI1

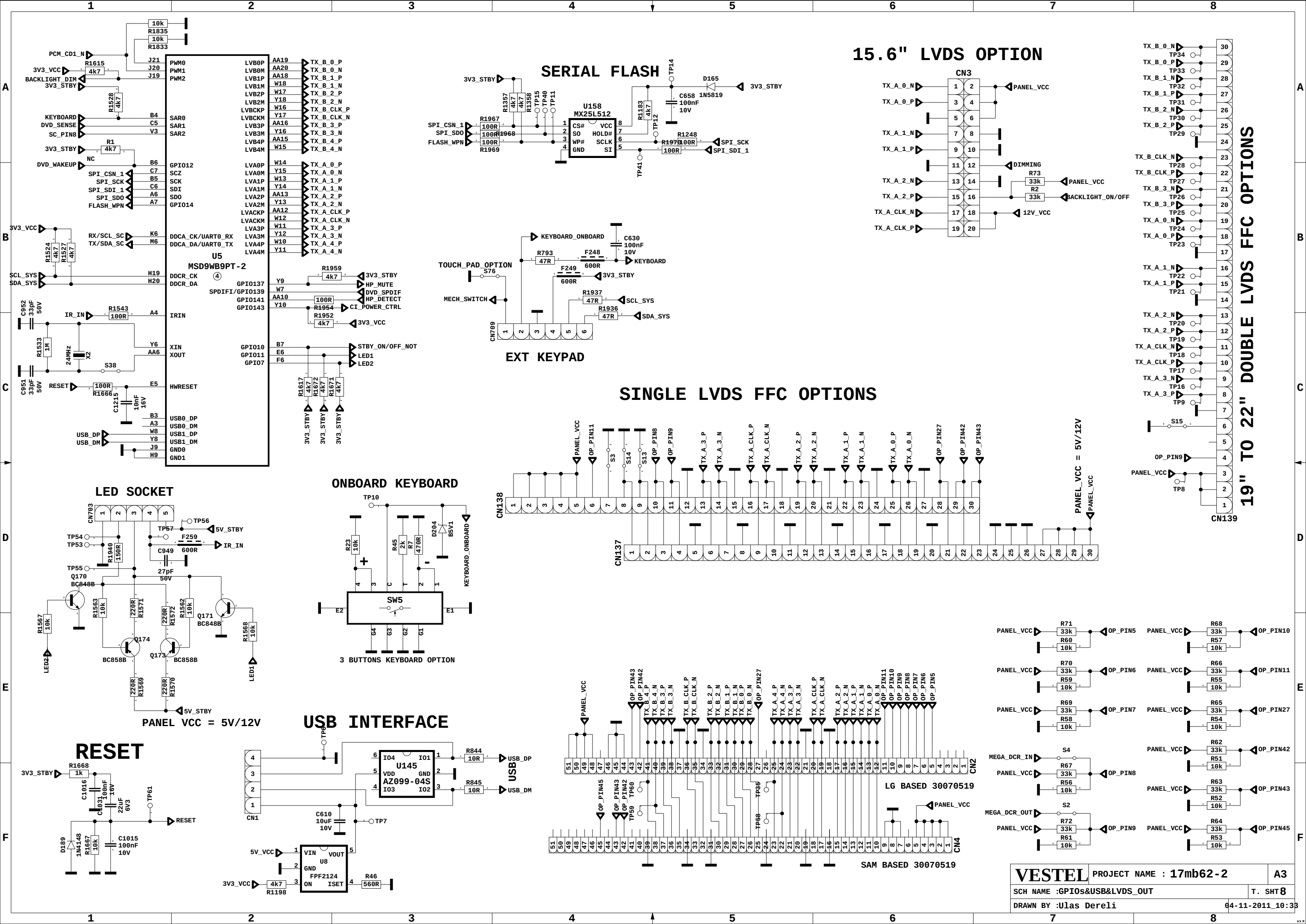


OPTIONAL

COMMON







CCFL INVERTER SOCKET

INVERTER SOCKET W/ADAPTER BOARD

SW2

The schematic diagram illustrates the power supply system for the TUN-1000. It features a 12V STBY input connected to three DC-DC converters (DC-DC1, DC-DC2, DC-DC3) and a DC-DC4 converter. DC-DC1 outputs 5V STBY, which is connected to SW2. DC-DC2 outputs 3V3 STBY, which is connected to SW3. DC-DC3 outputs 1V8 VCC, which is connected to LD01. DC-DC4 outputs 12V VCC, which is connected to SW1. SW1 outputs 12V VCC, which is connected to LD02. LD02 outputs 3V3 TUN. SW2 outputs 5V VCC, which is connected to LD0. LD0 outputs 2V5 VCC. SW3 outputs 3V3 VCC, which is connected to LD0. LD0 outputs 2V5 VCC.

DC/DC2

SW1

SW3

DC/DC4

LD01

DC/DC3

LD02

The diagram shows a 3V3 Tuner circuit. It starts with a 5V_VCC input connected to a 330R resistor (F300). The output of this resistor is connected to a 1879 capacitor (C1879) and a 22uF capacitor (22uF). The 22uF capacitor is connected to a 6V3 capacitor (6V3), which is then connected to the IN pin of an LM1117 voltage regulator (U2). The LM1117 is also connected to a 100R resistor (R25) and a 100R resistor (R24). The output of the LM1117 (OUT) is connected to a 1212 capacitor (C1212) and a 22uF capacitor (22uF). The 22uF capacitor is connected to a 6V3 capacitor (6V3), which is then connected to a 100nF capacitor (C1034) and a 10V capacitor (10V). The final output is 3V3_TUNER.

