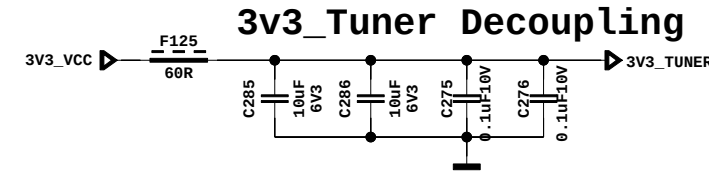
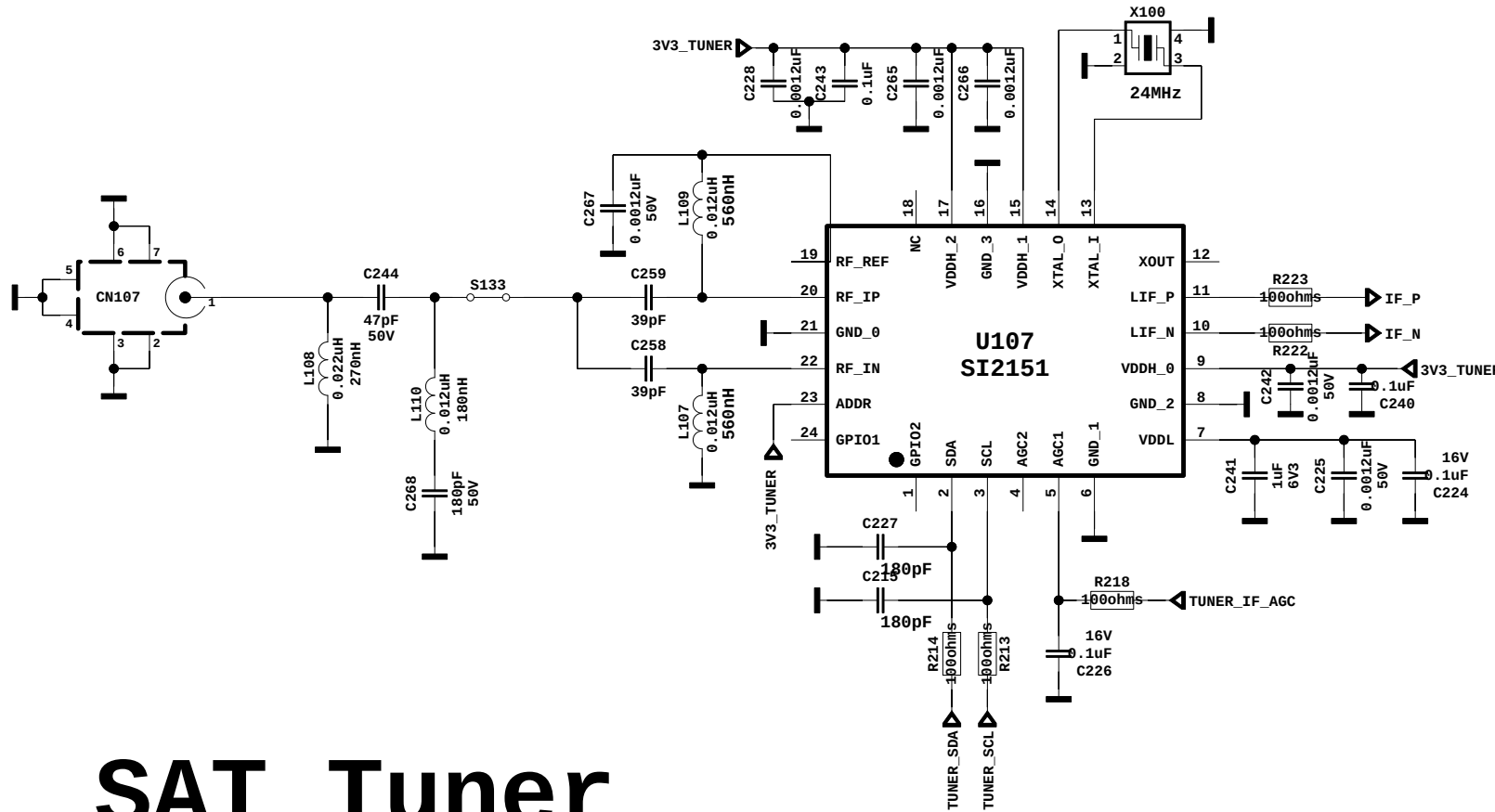
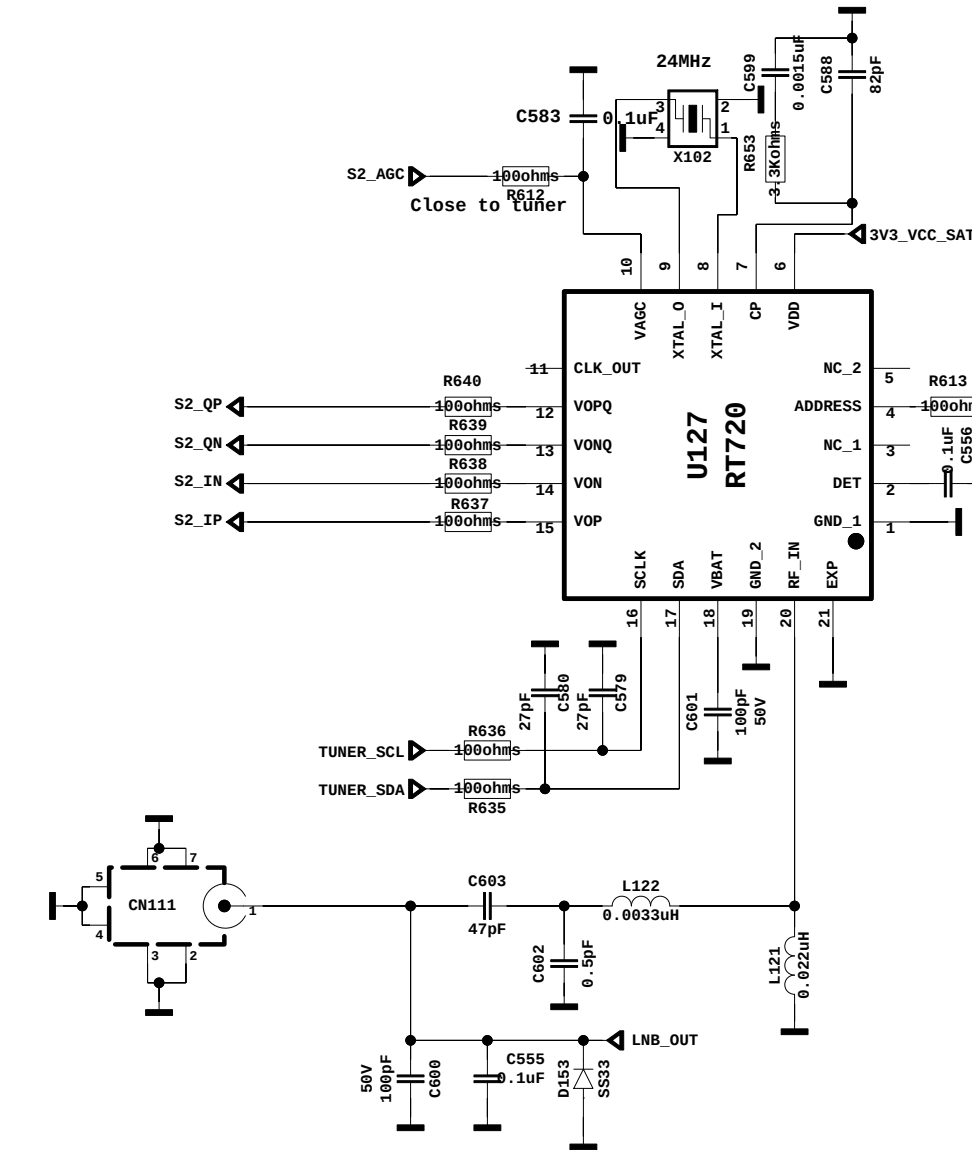


# Tuner

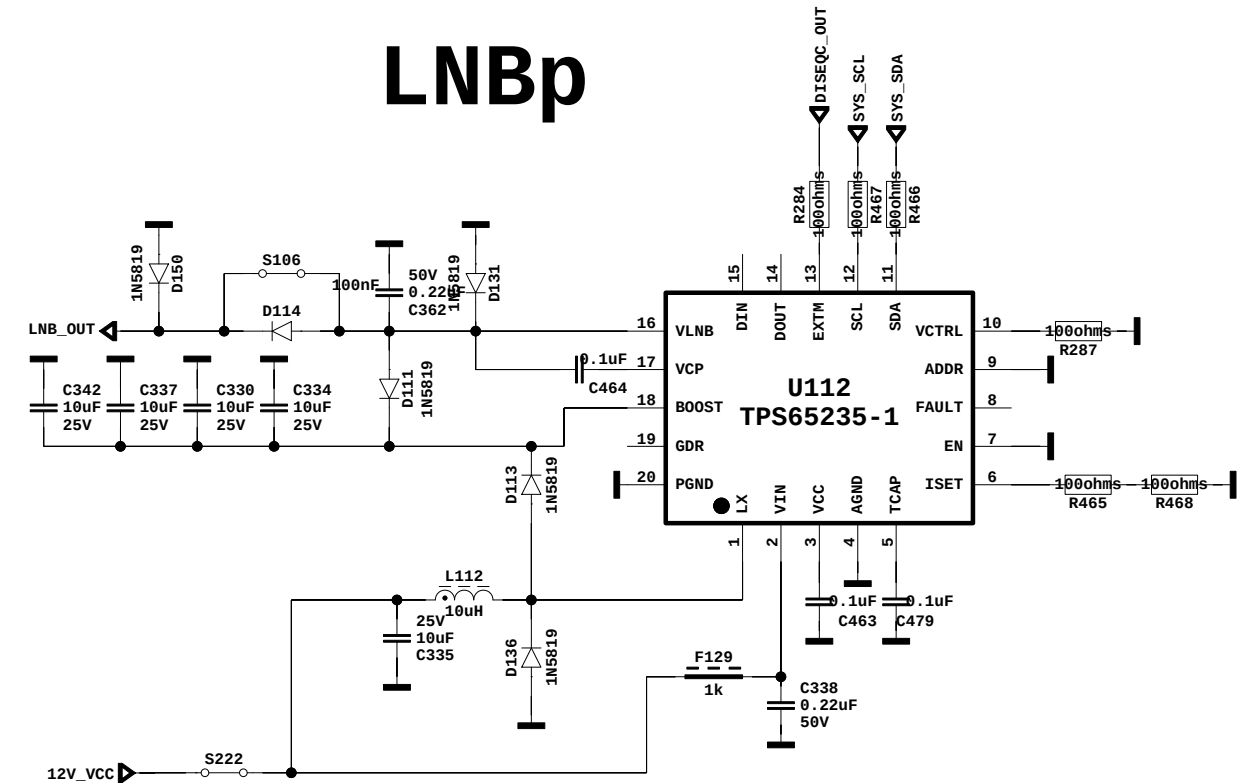


# SAT Tuner

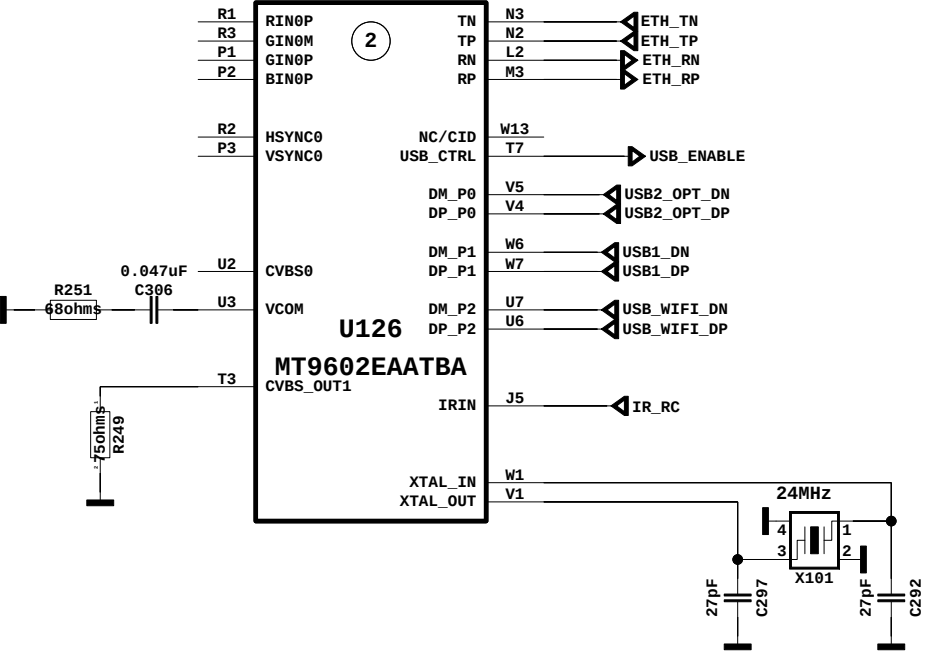


| ADDR             | PIN  | I2C ADDRESS |
|------------------|------|-------------|
| Connected to GND | 0x34 |             |
| 27Kohm           | 0x74 |             |
| 56Kohm           | 0xB4 |             |
| 120Kohm          | 0xF4 |             |

# LNBp

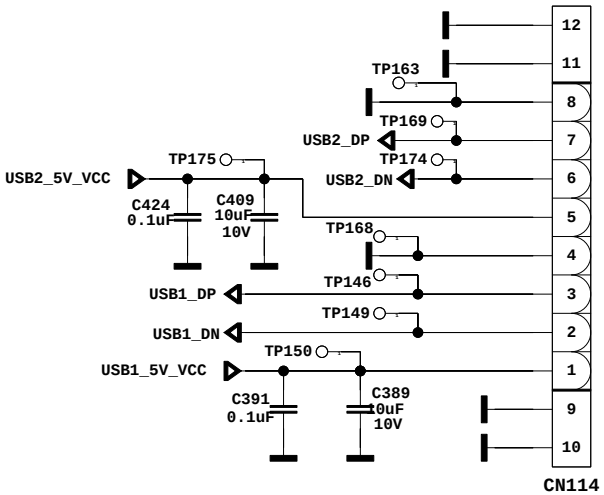
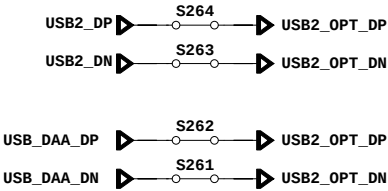
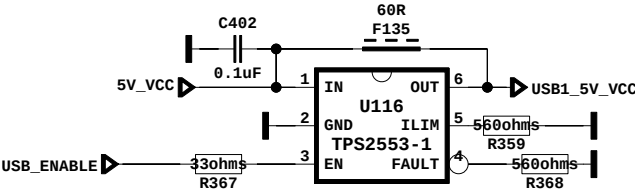
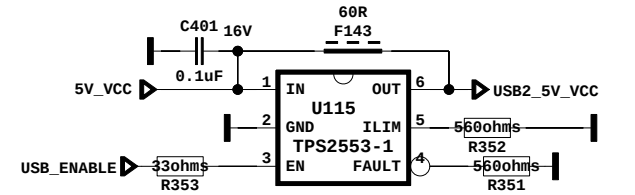
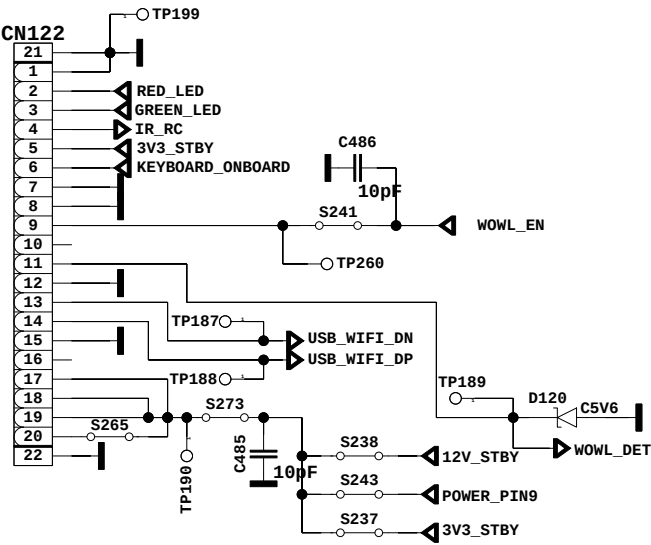


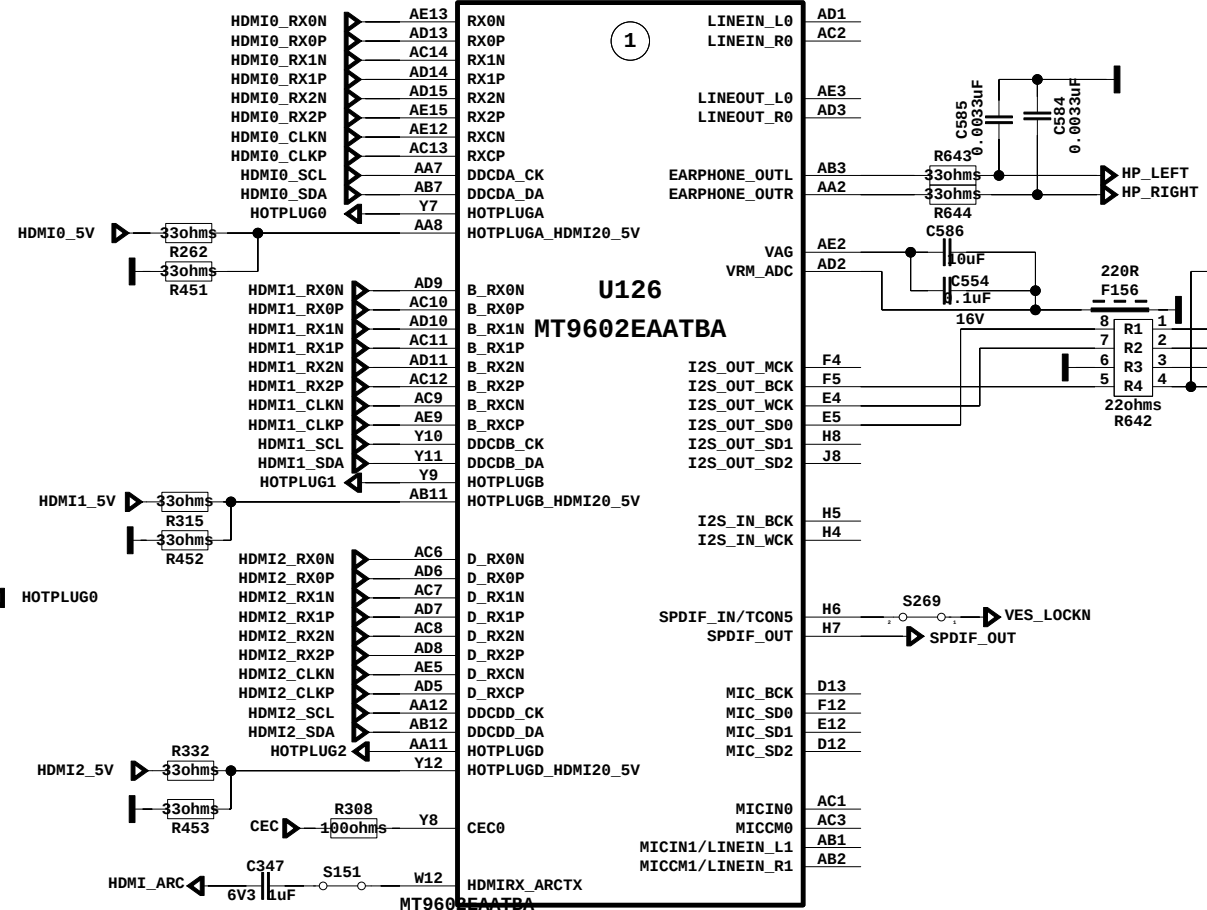
DAA INTERFACE



USB1&2 2.0

WIFI&BT&LED\_IR





**CN112**

| Signal | Pin |
|--------|-----|
| ETH_TP | 2   |
| ETH_TN | 3   |
| ETH_RP | 4   |
| ETH_RN | 5   |
| TCT    | 1   |
| RCT    | 6   |
| NC1    | 7   |
| NC2    | 8   |
| SHLD1  | 9   |
| SHLD2  | 10  |

[illegible]

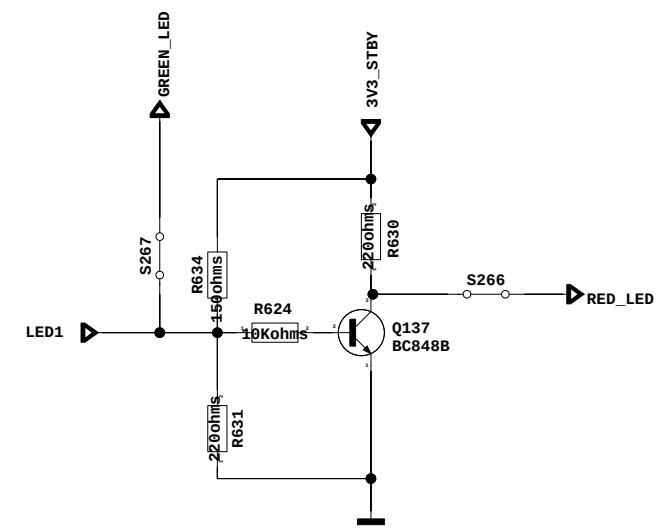
The schematic diagram illustrates the keyboard circuit. It features a 3V3\_STBY supply connected to a 10Kohms resistor R342. The other end of R342 is connected to the KEYBOARD\_ONBOARD input. The circuit also includes a 47ohms resistor R341, a 1k resistor F133, a 1N5819 diode D125, a 1N5819 diode D137, and a 0.1uF capacitor C390. The KEYBOARD output is connected to the KEYBOARD\_ONBOARD input.

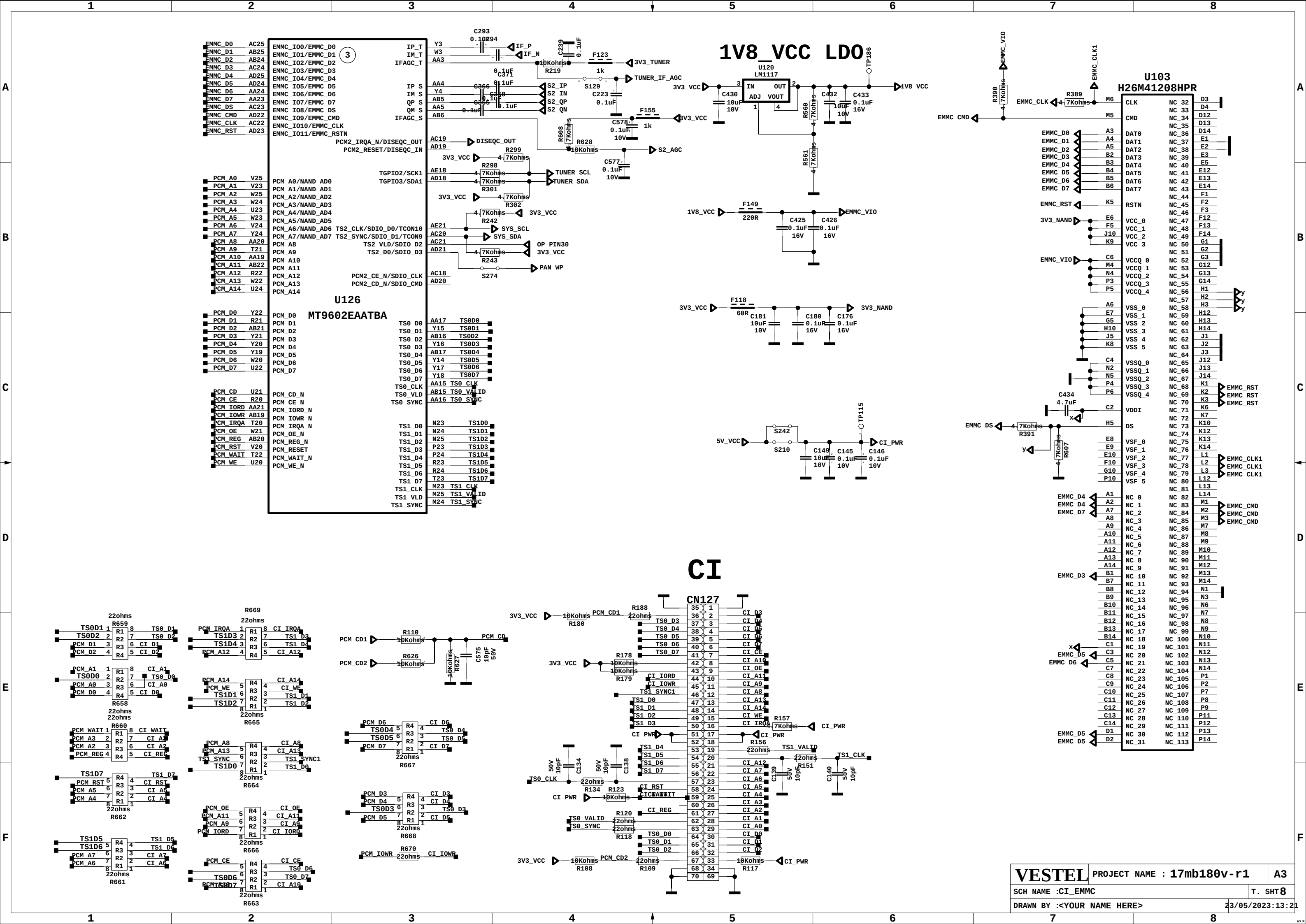
**CN113**

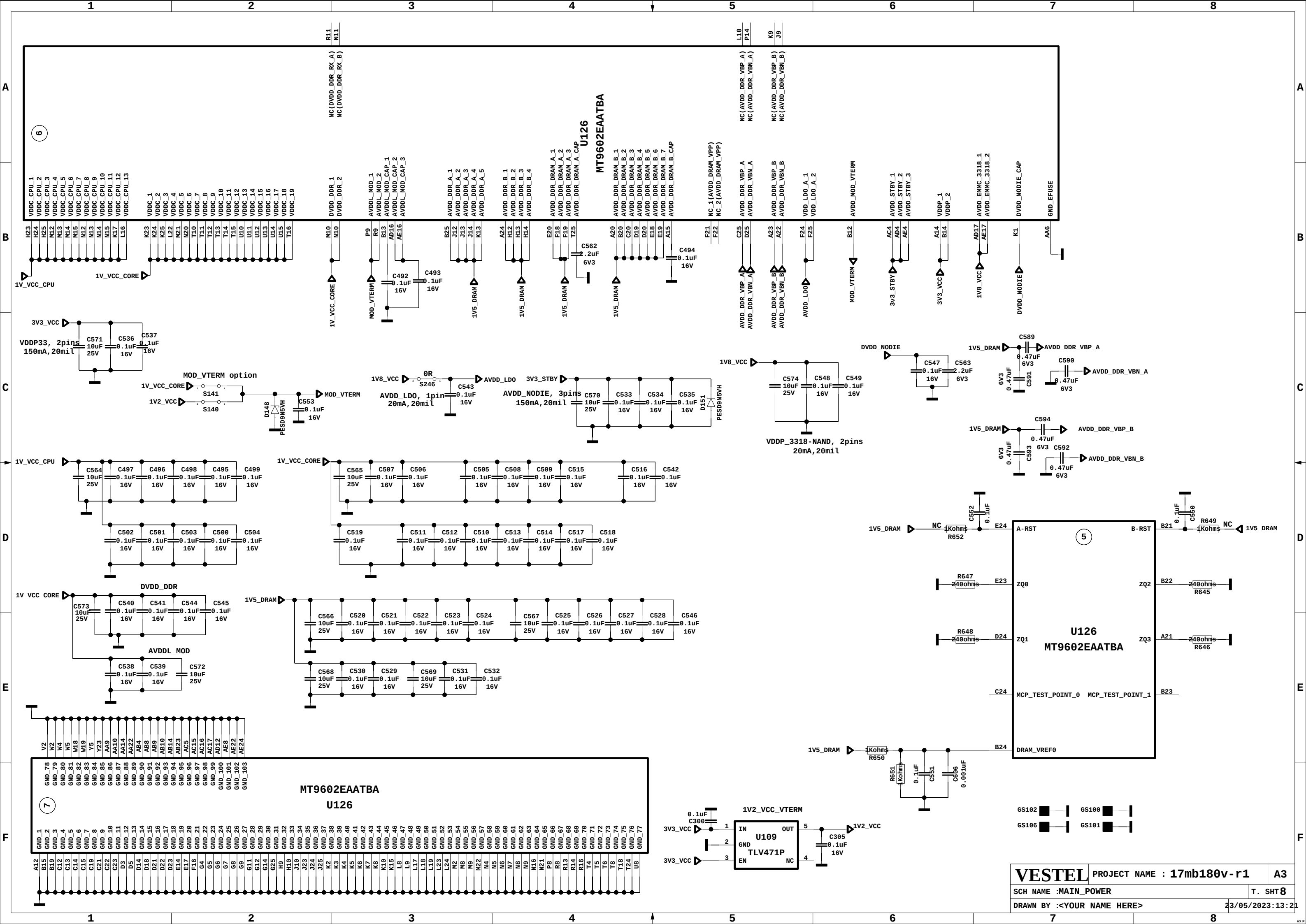
| Pin | Signal     | Component | Value   |
|-----|------------|-----------|---------|
| 1   | HDMI2_RX2P |           |         |
| 2   | HDMI2_RX2N |           |         |
| 3   | HDMI2_RX1P |           |         |
| 4   |            |           |         |
| 5   |            |           |         |
| 6   | HDMI2_RX1N |           |         |
| 7   | HDMI2_RX0P |           |         |
| 8   |            |           |         |
| 9   | HDMI2_RX0N |           |         |
| 10  | HDMI2_CLKP |           |         |
| 11  |            |           |         |
| 12  | HDMI2_CLKN |           |         |
| 13  | CEC        |           |         |
| 14  | HDMI2_SCL  | P271      | 330ohms |
| 15  | HDMI2_SDA  | P271      | 330ohms |
| 16  |            |           |         |
| 17  |            |           |         |
| 18  |            |           |         |
| 19  |            |           |         |
| 20  |            |           |         |
| 21  |            |           |         |
| 22  |            |           |         |
| 23  |            |           |         |

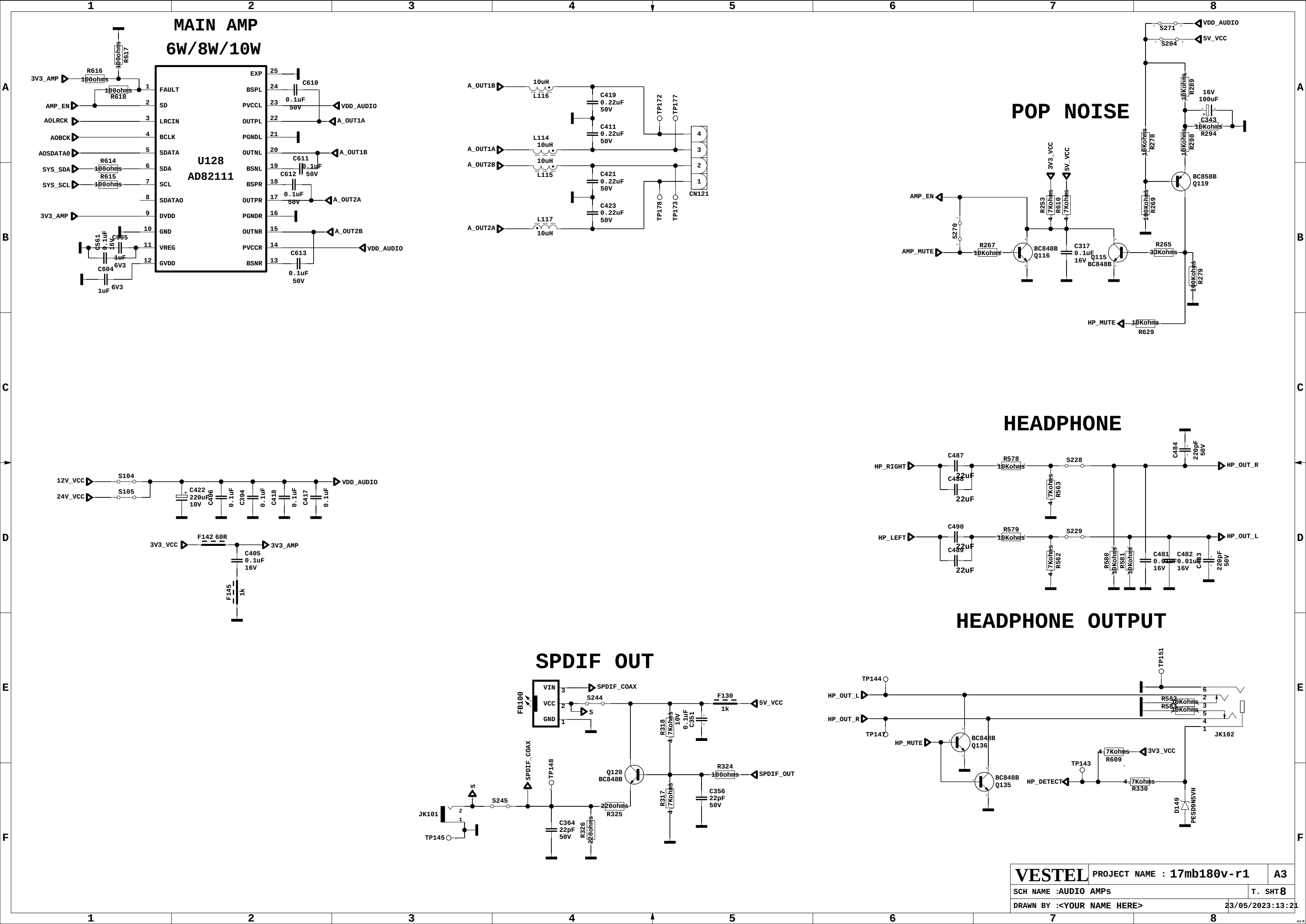
**Components:**

- Resistors:** R277 (470ohms), R335 (330ohms), R336 (47Kohms), R337 (47Kohms), R334 (330ohms), R459 (1Kohms), R446 (10Kohms), R458 (10Kohms), R633 (470ohms).
- Capacitors:** C587 (15pF 50V).
- Transistors:** Q134 (BC848B), Q133 (BC848B), Q132 (BC848B).
- Other:** TP270, TP273, TP272, TP280.



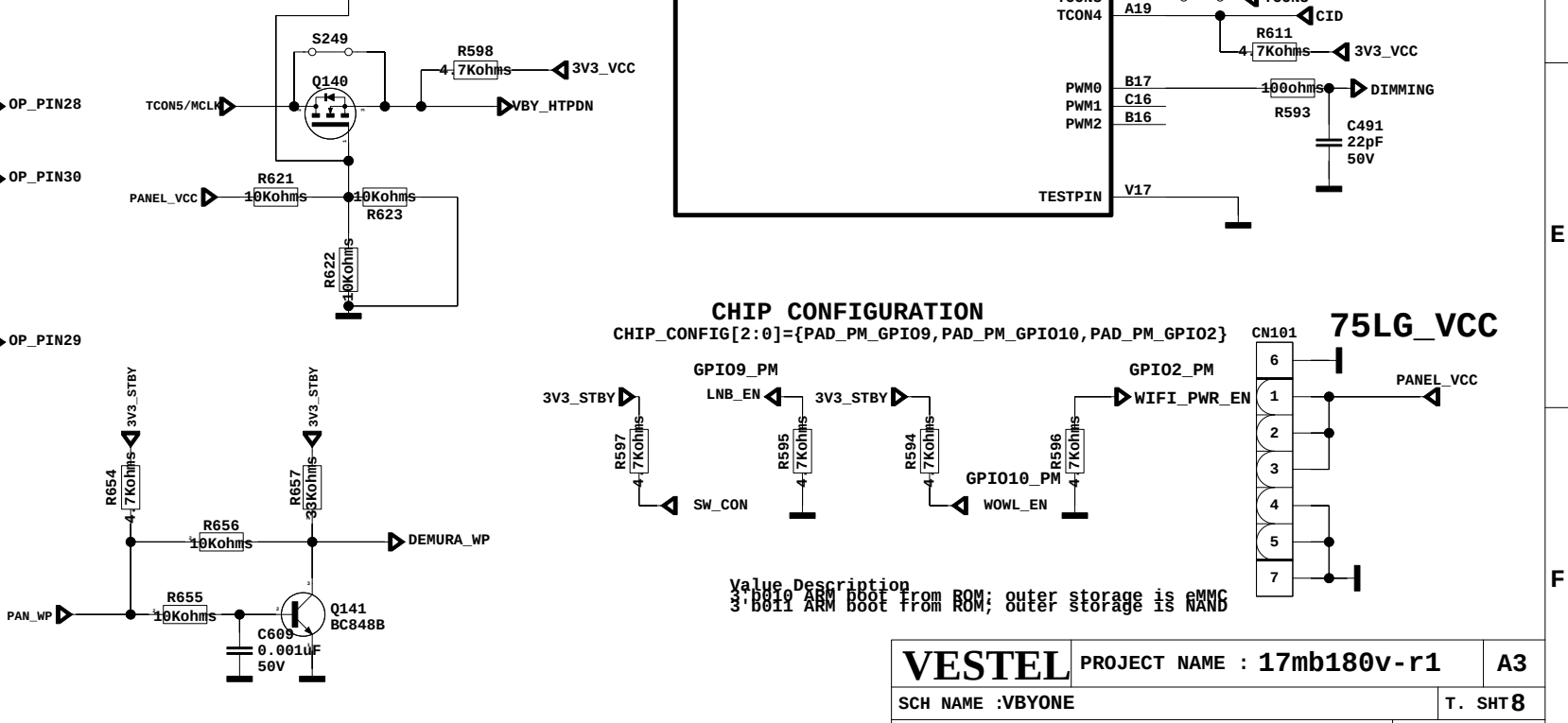
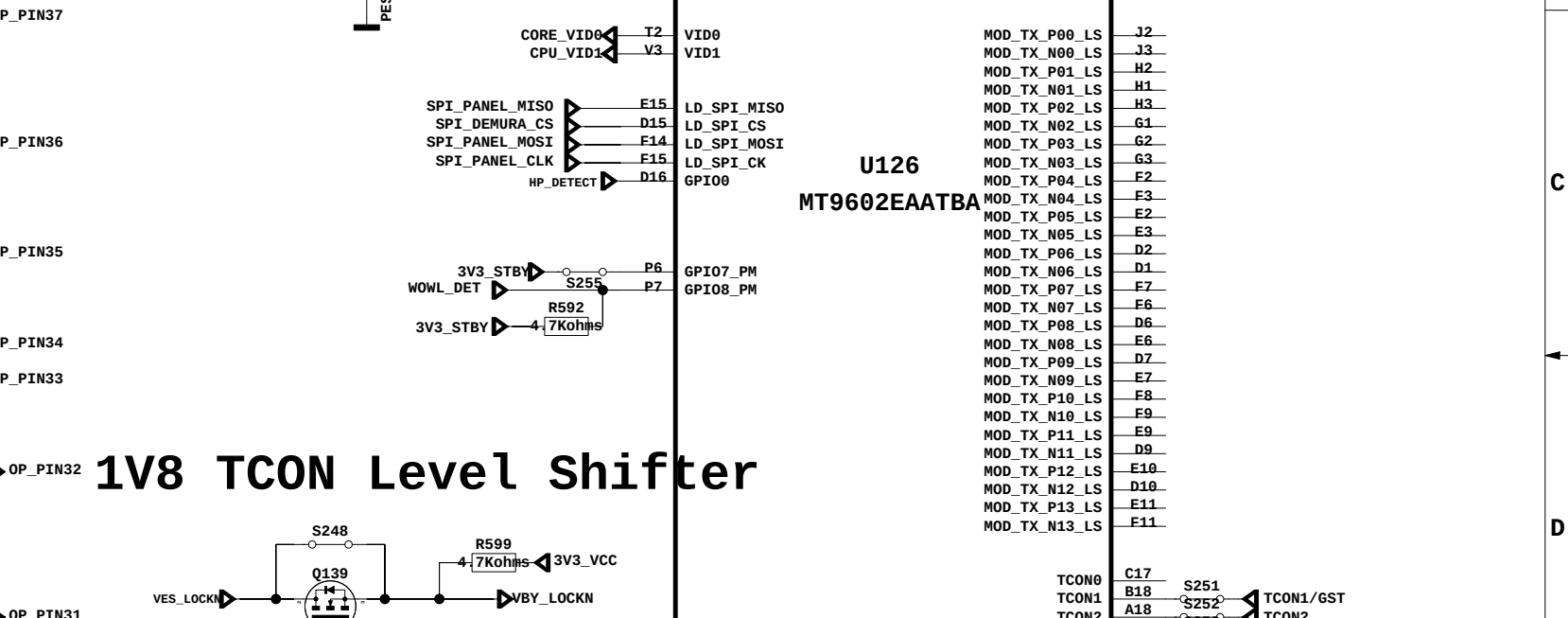
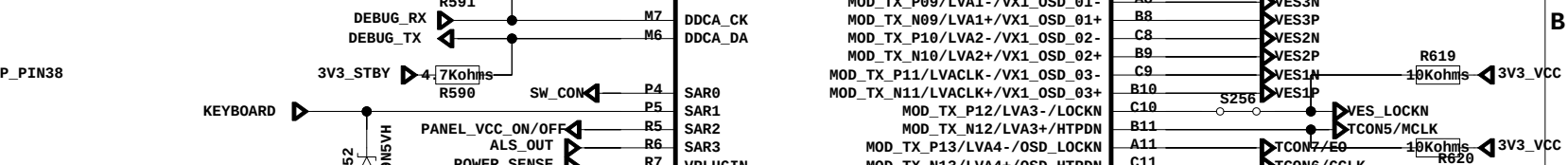
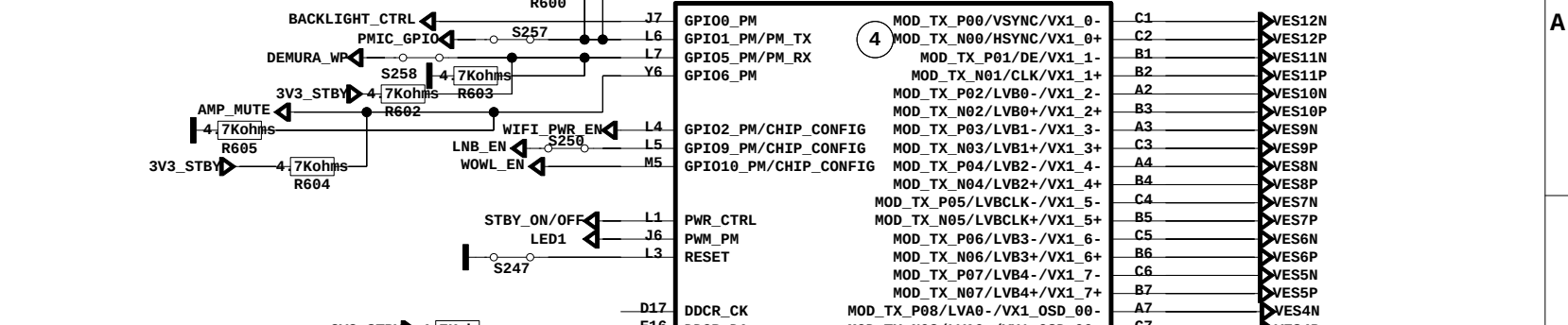
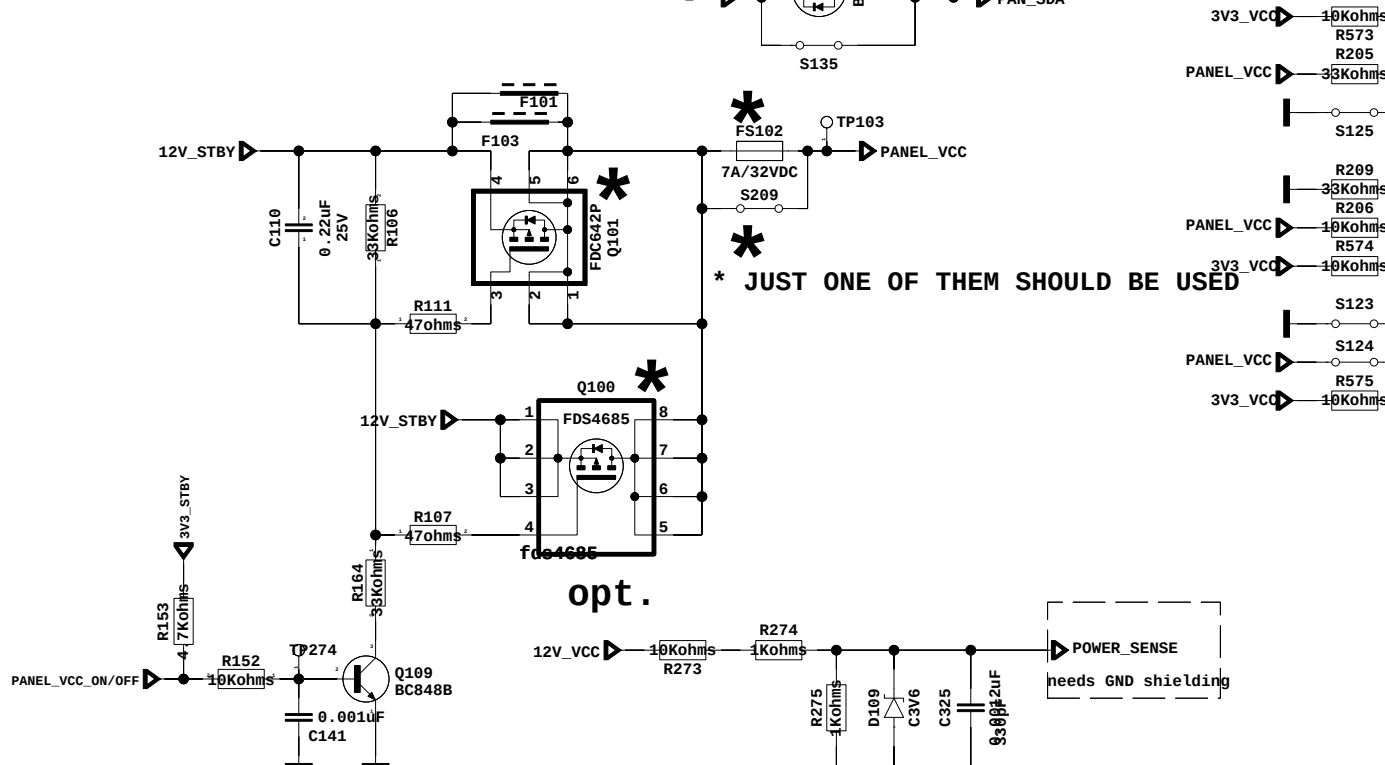
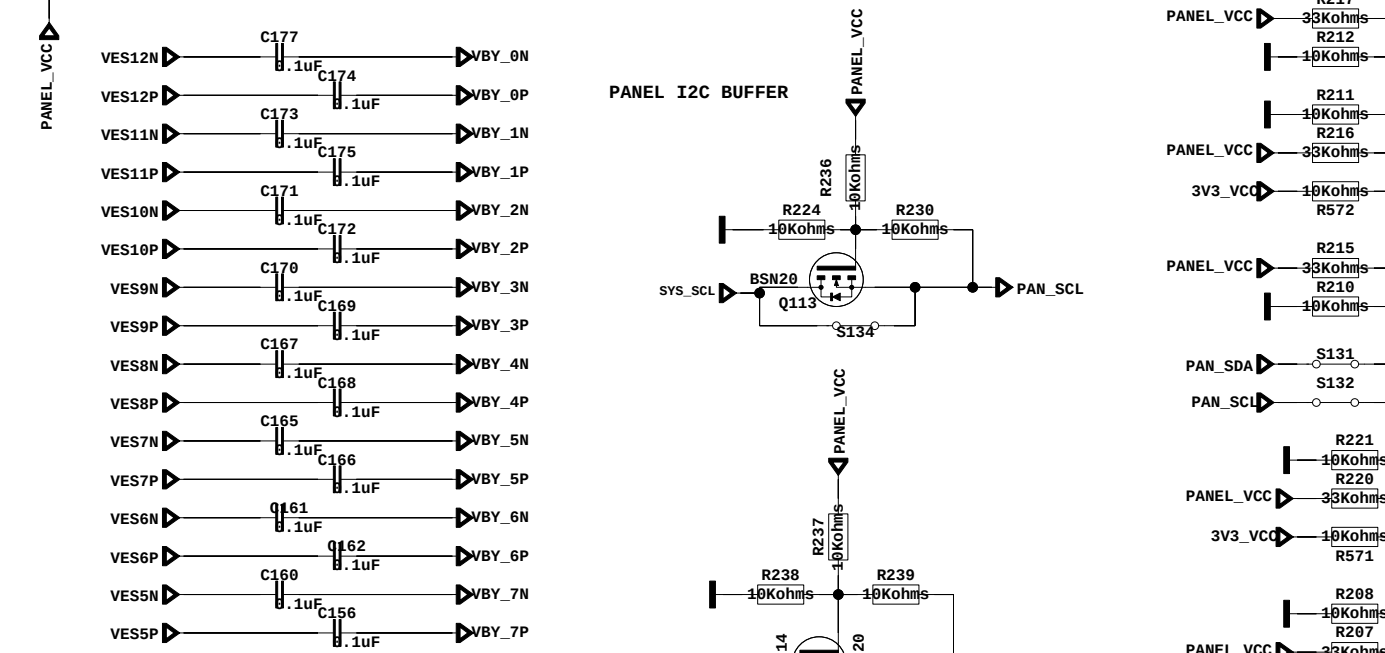
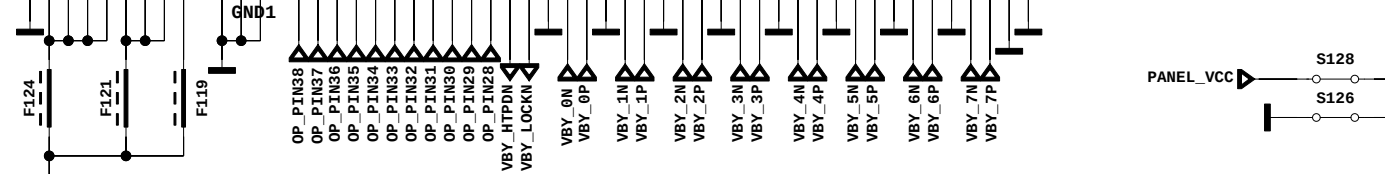
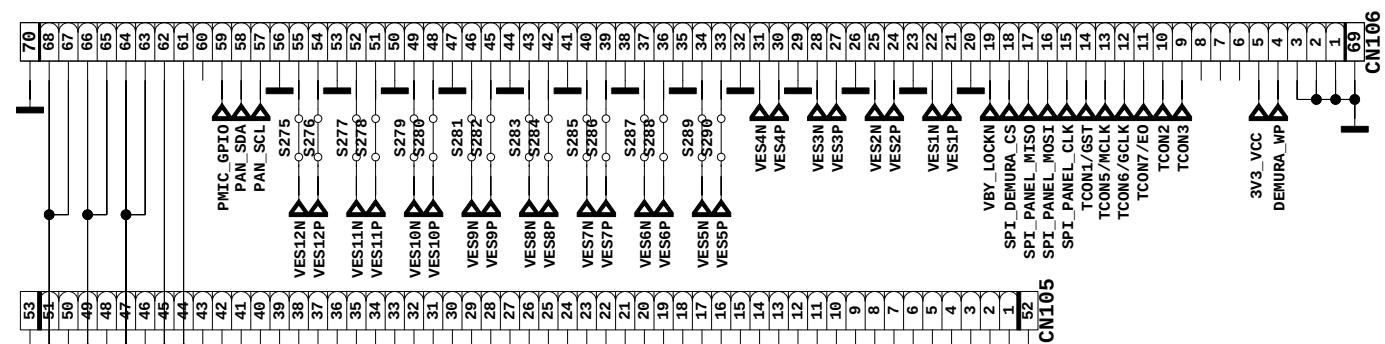








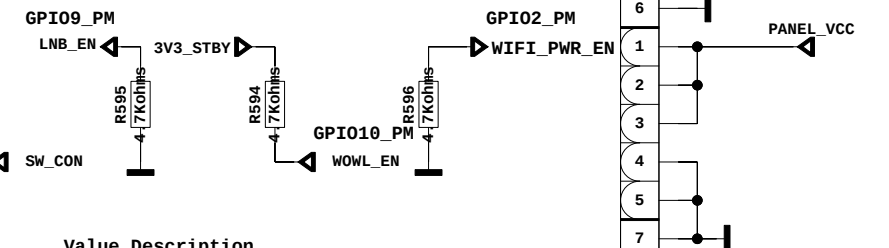
# TCONLESS/VBYONE SOCKET



## 1V8 TCON Level Shifter

## CHIP CONFIGURATION

CHIP\_CONFIG[2:0]={PAD\_PM\_GPIO9,PAD\_PM\_GPIO10,PAD\_PM\_GPIO2}



Value Description  
3:0:011 ARM boot from ROM; outer storage is NVMC

|                            |                            |                  |
|----------------------------|----------------------------|------------------|
| VESTEL                     | PROJECT NAME : 17mb180v-r1 | A3               |
| SCH NAME :VBYONE           |                            | T. SHT8          |
| DRAWN BY :<YOUR NAME HERE> |                            | 24/07/2023:14:29 |

