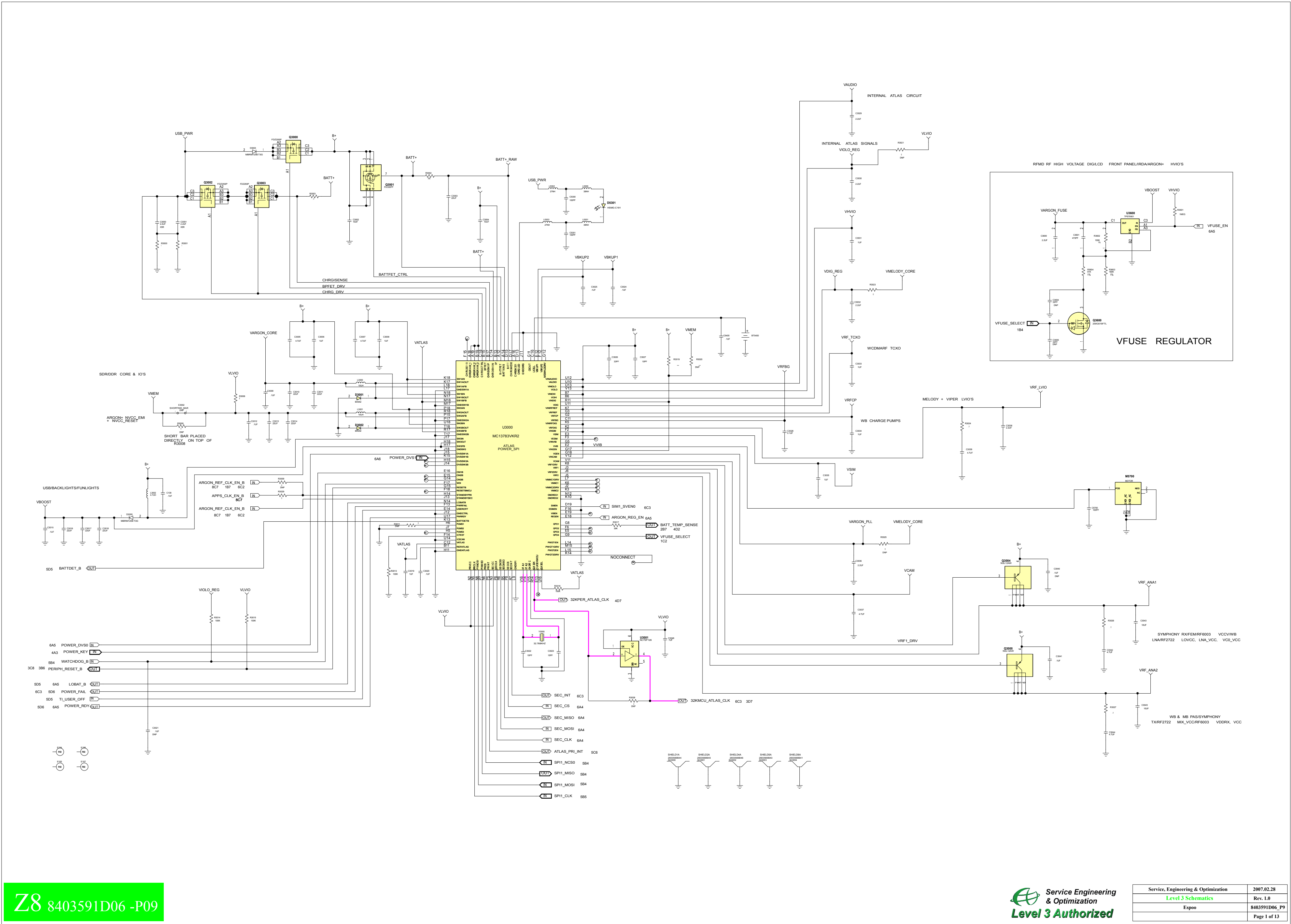
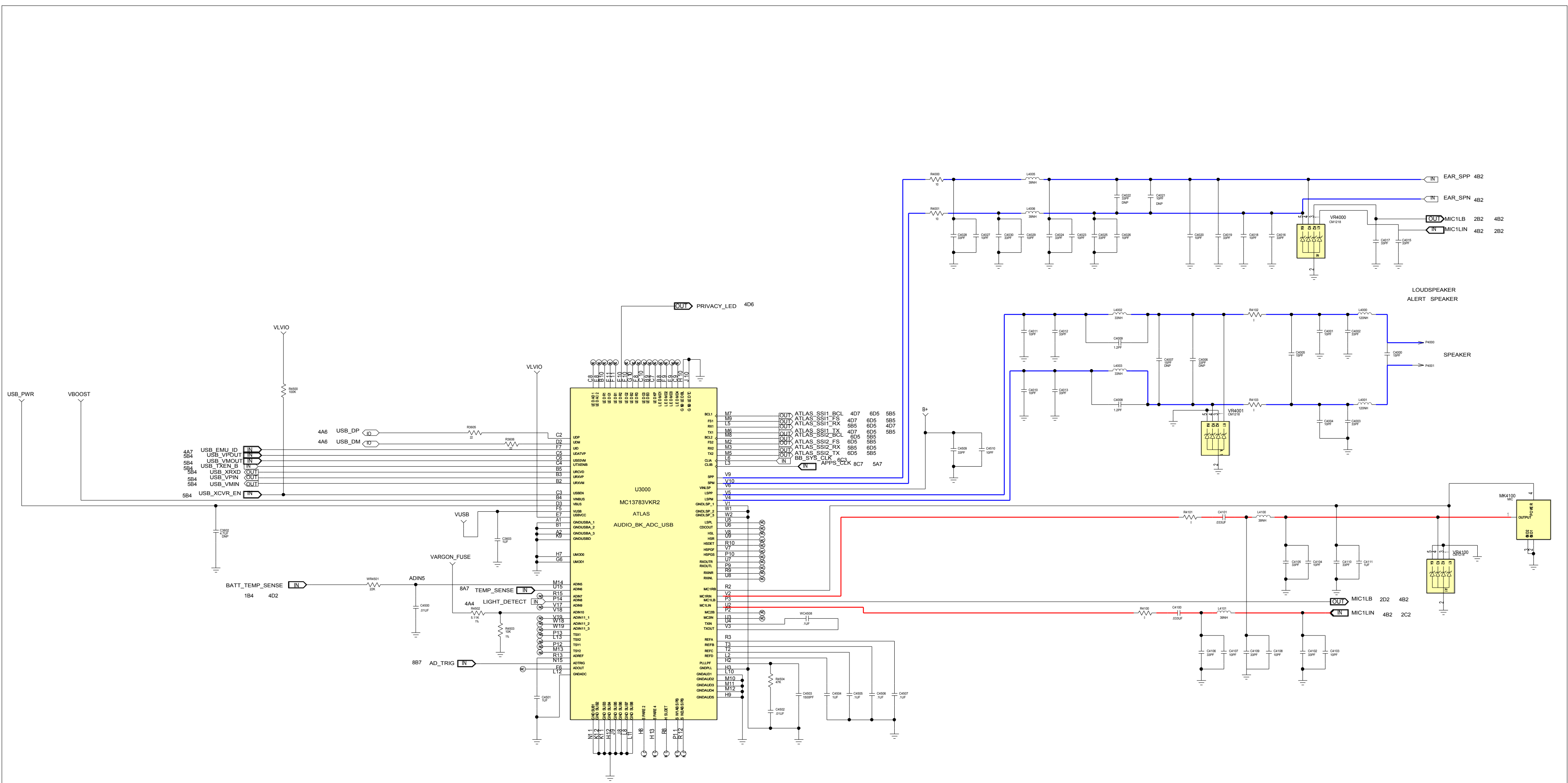
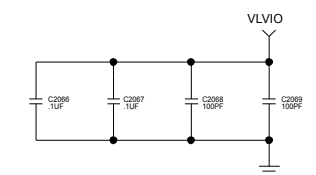
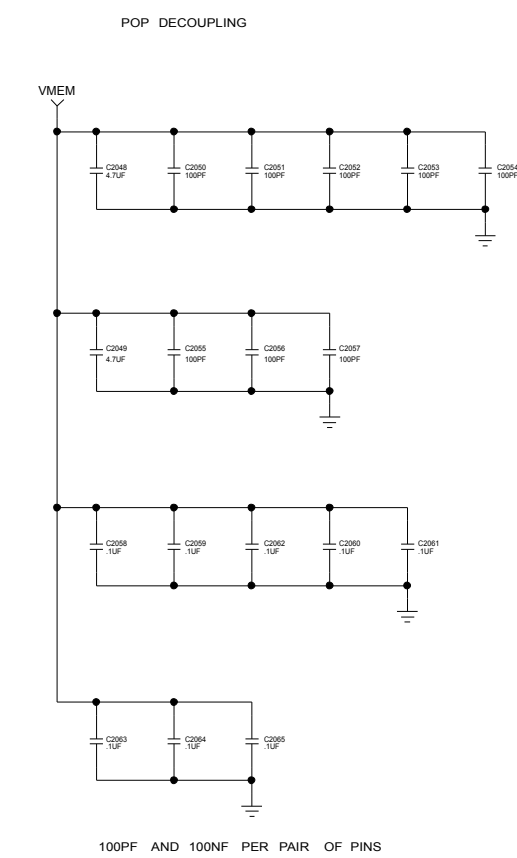
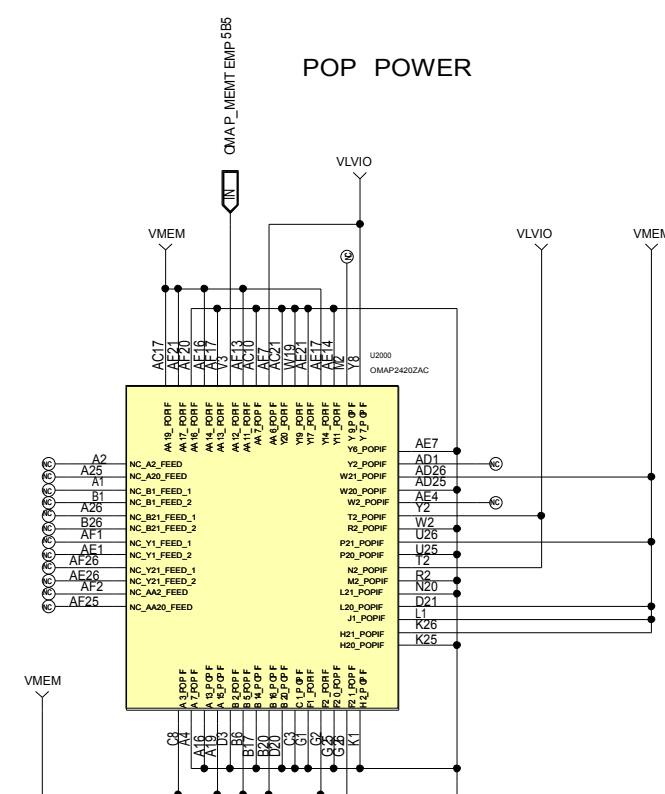
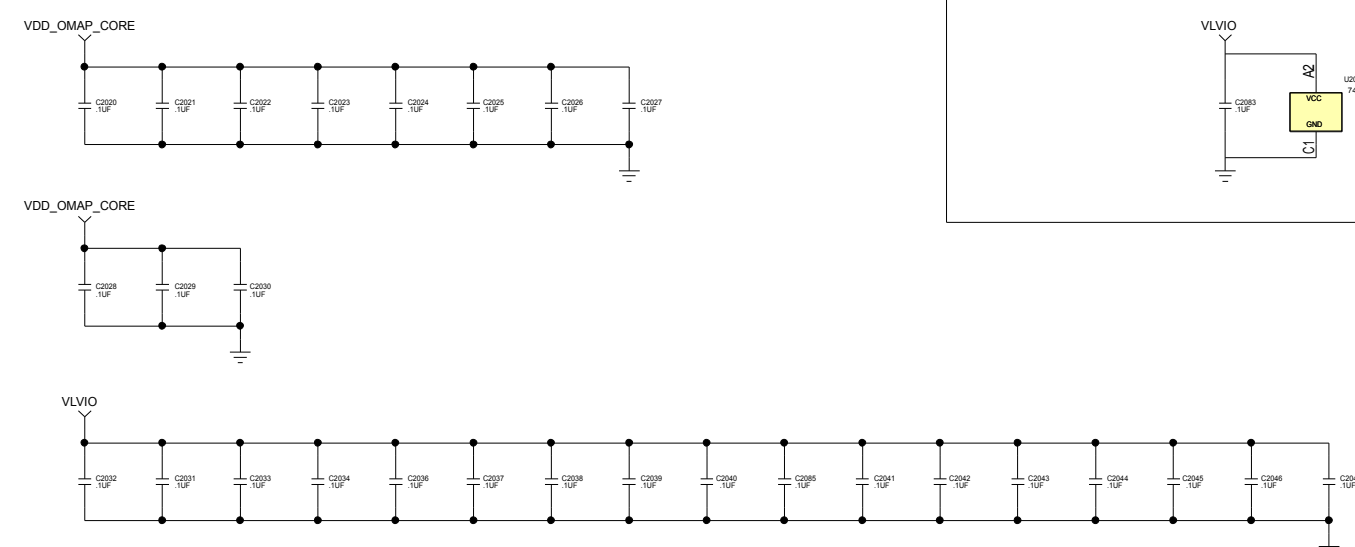
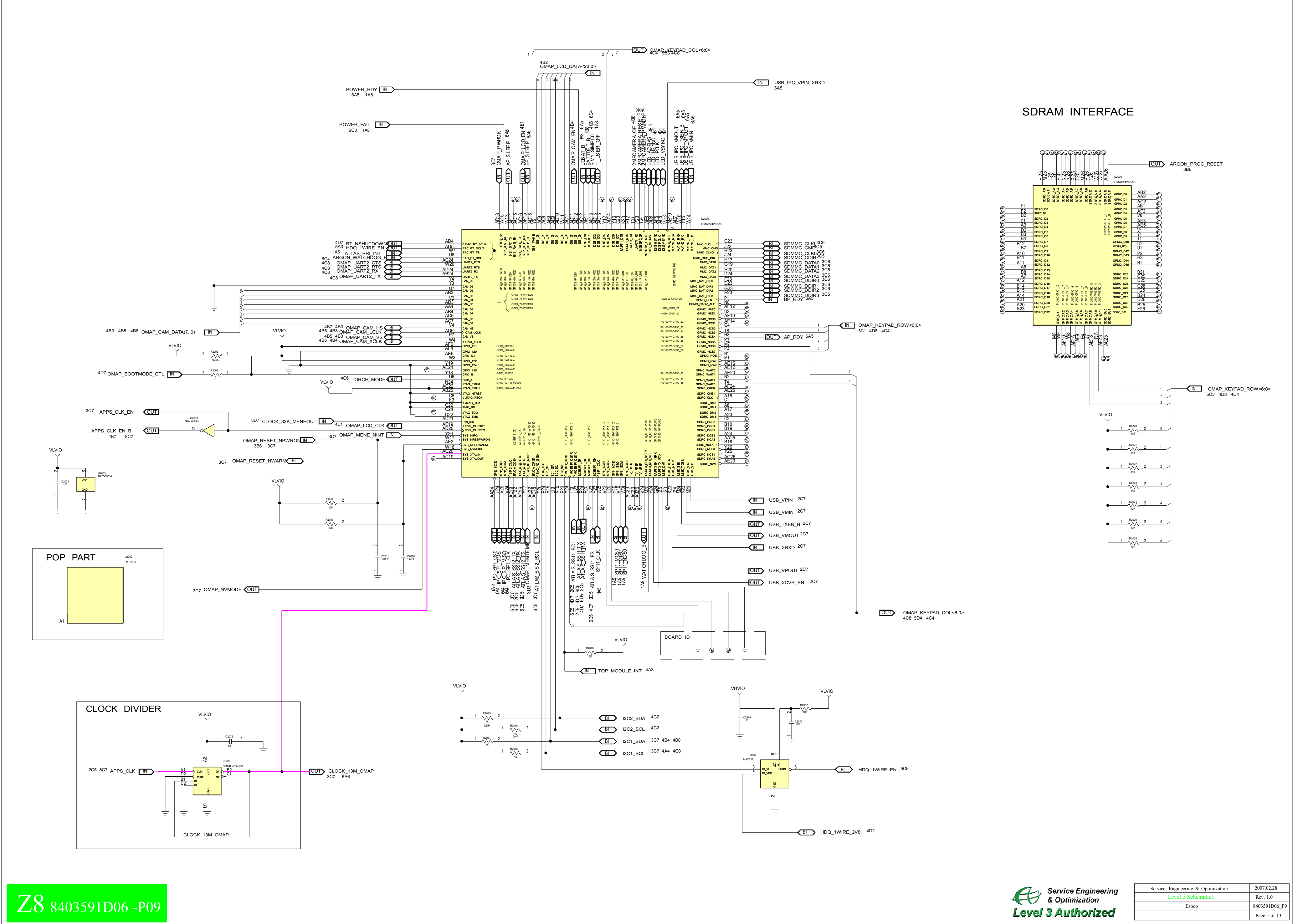










[illegible]

The schematic diagram illustrates the CAMERA module's internal structure and its connections to various system components. The central component is a yellow block representing the camera module, which has multiple pins and internal connections. The connections are as follows:

- I2C1_SCL** (5A4 4A4 3C7) is connected to the camera module's I2C1_SCL pin.
- I2C1_SDA** (5A4 4B4 3C7) is connected to the camera module's I2C1_SDA pin.
- OMAP_CAM_DATA<7:0>** (4B3 4B5 5C7) is connected to the camera module's OMAP_CAM_DATA<7:0> pin.
- OMAP_CAM_HS** (5C6 4B3) is connected to the camera module's OMAP_CAM_HS pin.
- VCAM** is connected to the camera module's VCAM pin.
- VLVIO** is connected to the camera module's VLVIO pin.
- 2MPCAMERA_OE** (5D4) is connected to the camera module's 2MPCAMERA_OE pin.
- 2MPCAMERA_RESET** (5D4) is connected to the camera module's 2MPCAMERA_RESET pin.
- 2MPCAMERA_PWRDN** (N04) is connected to the camera module's 2MPCAMERA_PWRDN pin.
- 2MPCAMERA_FLASH** (4D6) is connected to the camera module's 2MPCAMERA_FLASH pin.

The camera module itself has several internal components, including a yellow block with pins 1 through 23, and a green block with pins 1 through 8. The connections between these components and the external signals are detailed in the diagram.

The diagram illustrates the electrical connections for the EMU Connector. On the left, the EMU Connector is shown with pins for D- / AUDIO OUT LEFT, D+ / AUDIO OUT RIGHT, ID / AUDIO INTERRUPT, and four ground pins (J5000, J5001, J5002, J5003). The USB_PWR module is connected to the ID pin and provides USB_PWR and USB_EMU_ID signals. The USB_DP/DM 2C7 connector is connected to the D+ and D- pins, with USB_DP and USB_DM signals. The USB_PWR module also provides USB_PWR and USB_EMU_ID signals. The USB_DP/DM 2C7 connector is connected to the D+ and D- pins, with USB_DP and USB_DM signals. The USB_PWR module also provides USB_PWR and USB_EMU_ID signals.

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