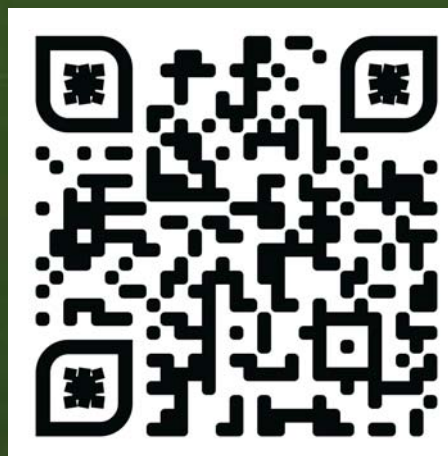


All available schematic diagrams,
BoardView files, PCB files and
Component Placement Diagrams
for Apple products

SPECIAL OFFER

(Update : 13/07/2021)



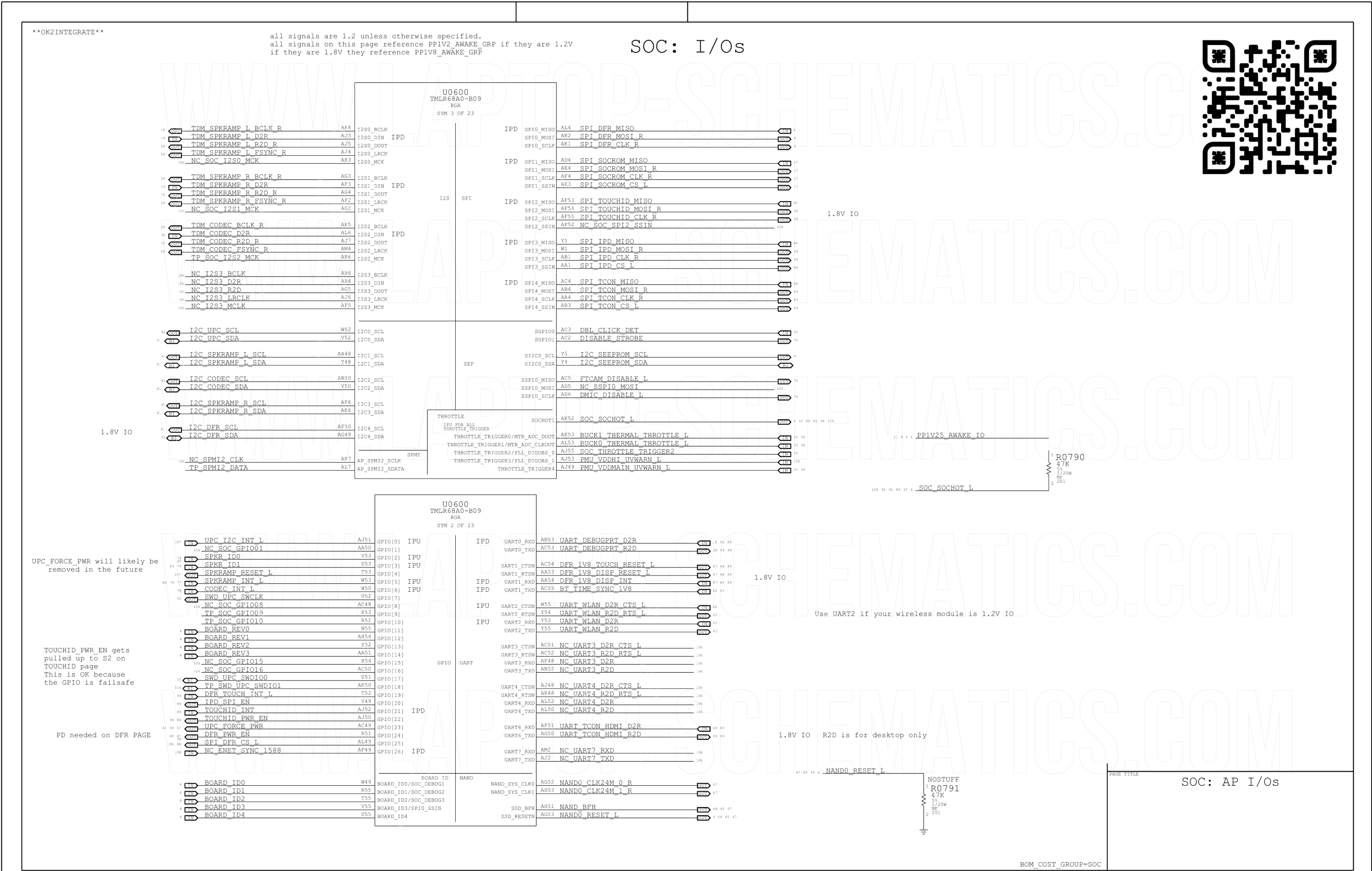
Content:

MLB# 820-02020 • M1, 2020, 13" - MYDA2LL/A - MacBookPro17,1 - A2338 - EMC3578

- Schematic Diagram [Searchable PDF file]

- BoardView file* (* Component Placement diagram / Silkscreen) [Searchable PDF file]

- MLB pictures (scanned images in HD Res) [2 PNG files]

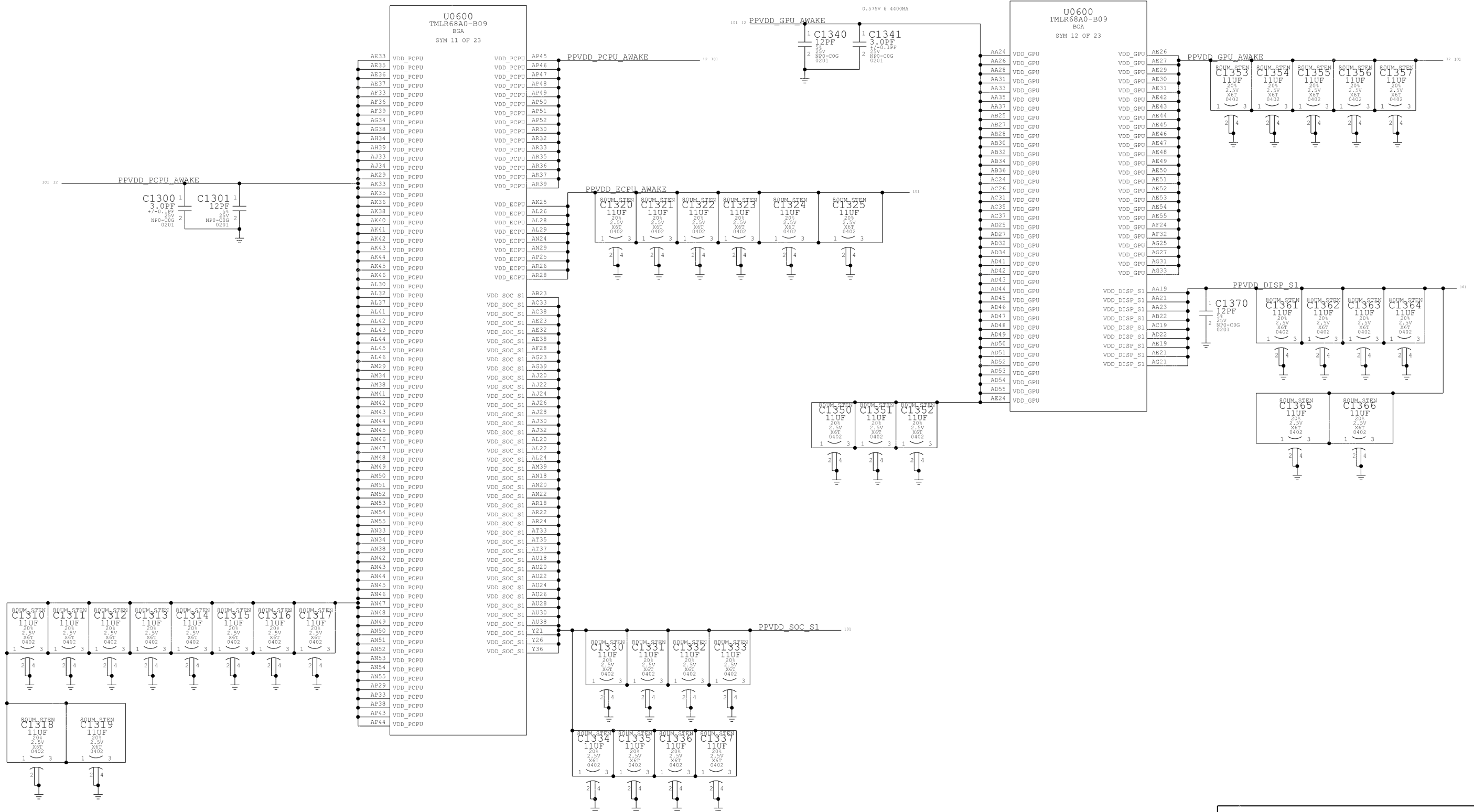


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**OK2INTEGRATE**

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SOC: POWER (CPU, GPU)



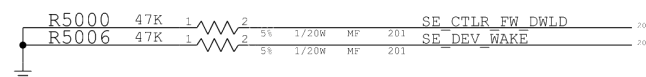
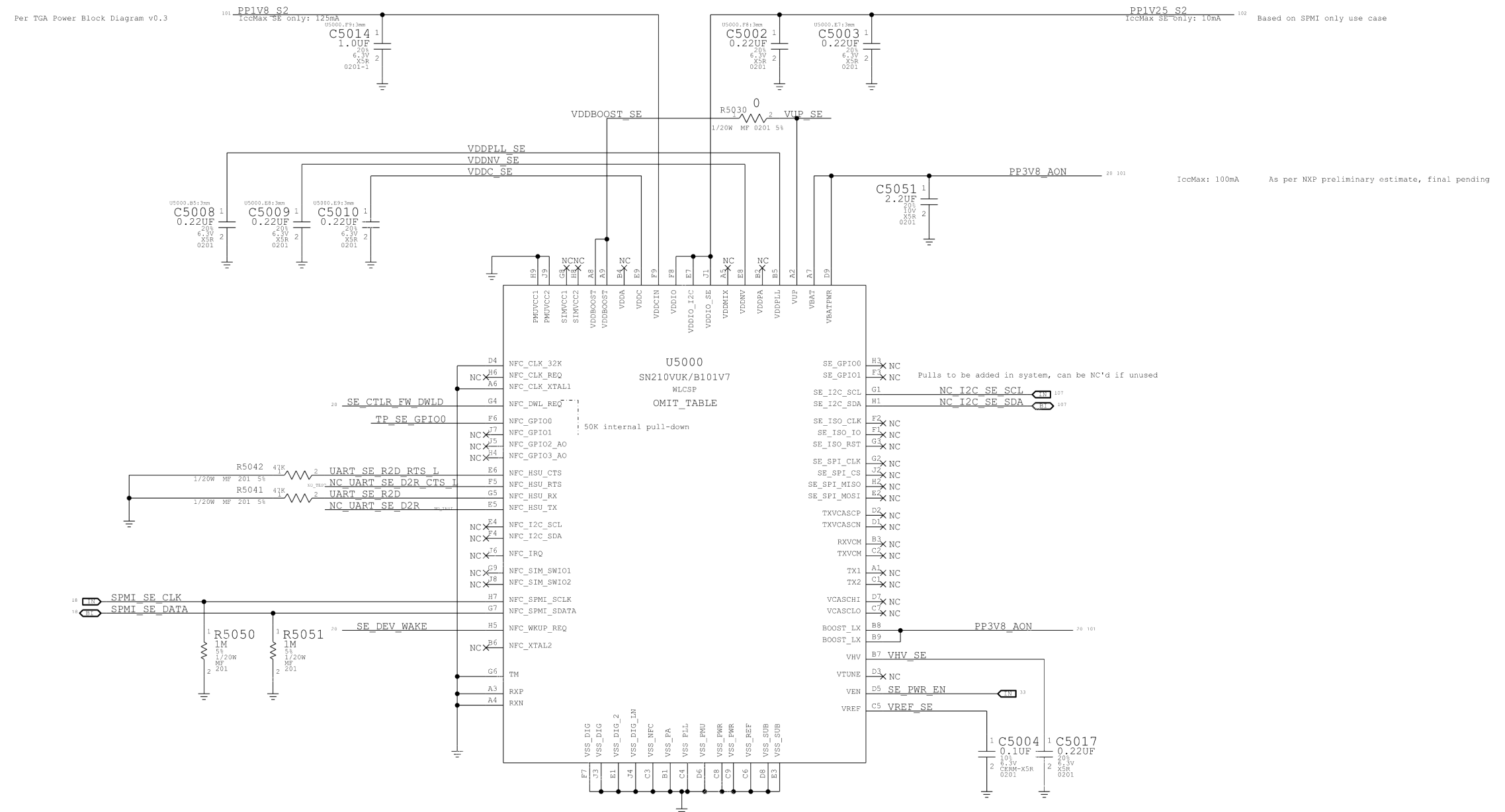
PAGE TITLE
SOC: POWER (SOC, CPU, GPU)

BOM_COST_GROUP=SOC

Timing Requirements:
- VBAT supply ramp time: 20ms

Ceres - Secure Element

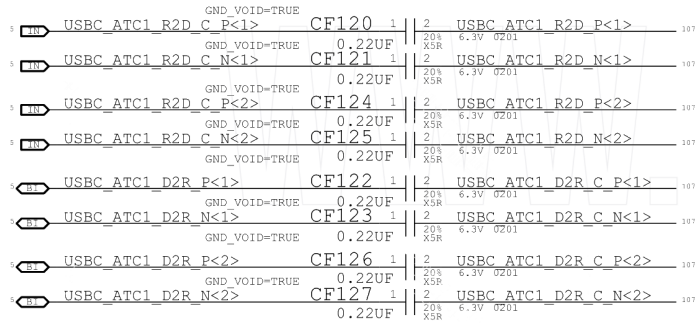
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*** OK2INTEGRATE ***
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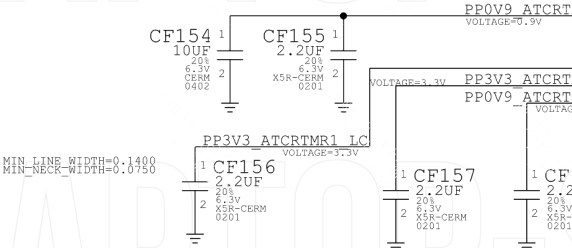
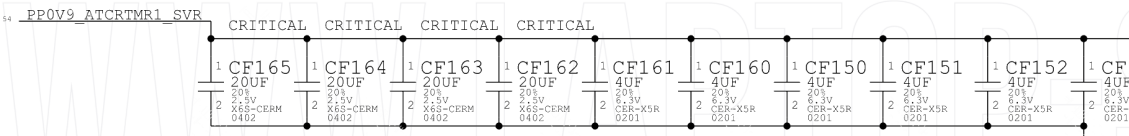
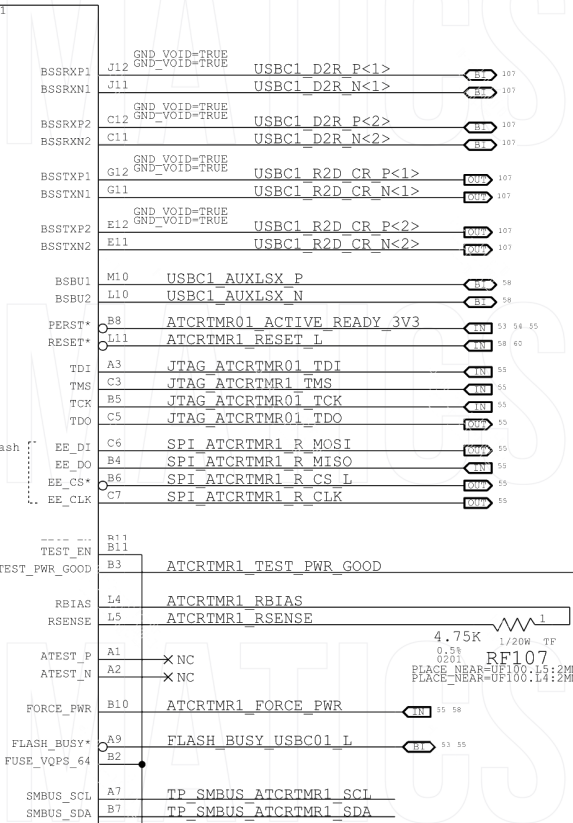
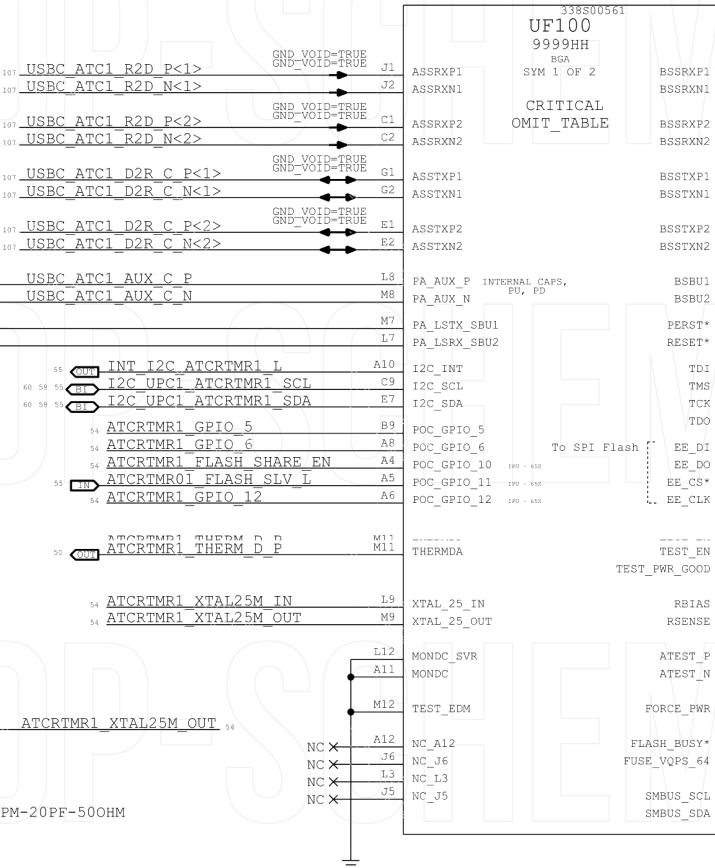
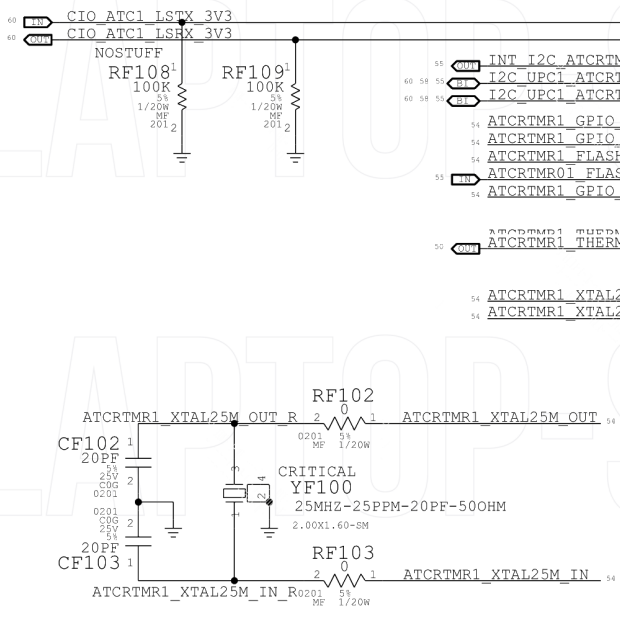
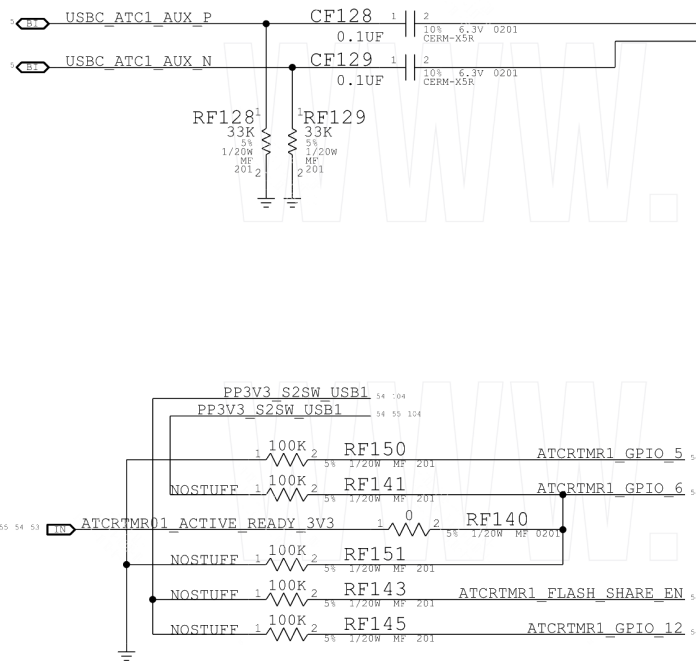
BOM_COST_GROUP=SECURE ELEMENT

** OK2INTEGRATE **

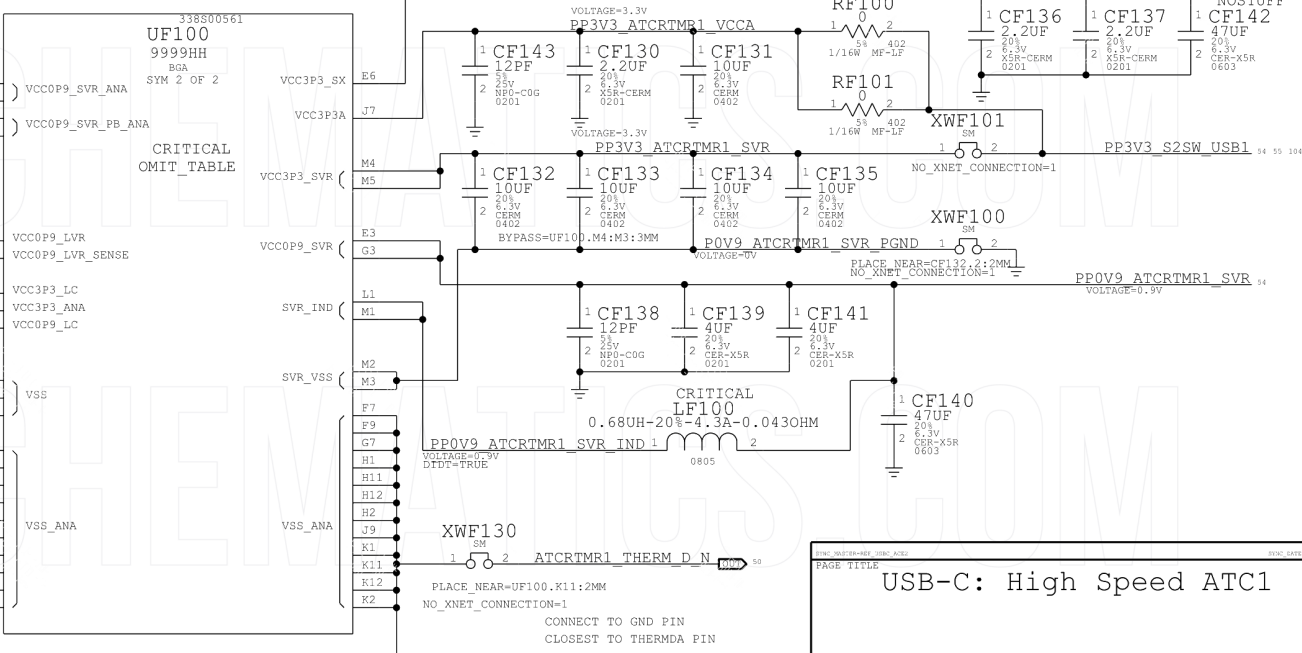
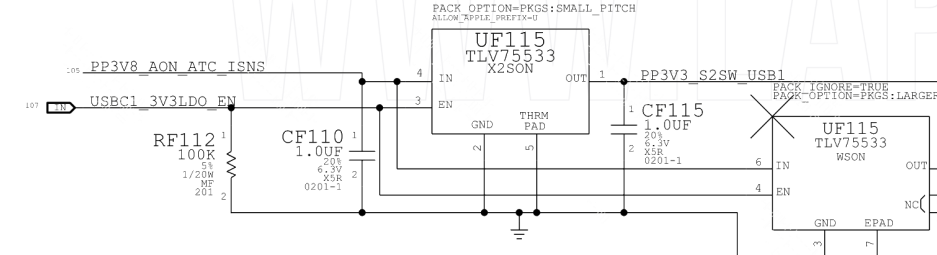
USBC HIGH-SPEED AC COUPLING



Caps and connector must be aliased to BBR signals.
Lanes 1 and 2 can be swapped, both sides; all or nothing.
Inputs can be polarity inverted independently per pair.
All swaps and inversions must be communicated to TBT Firmware team.

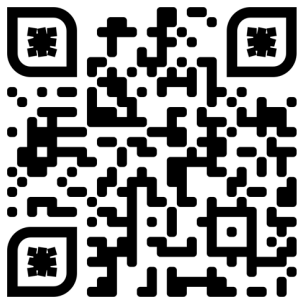


3.3V LDO

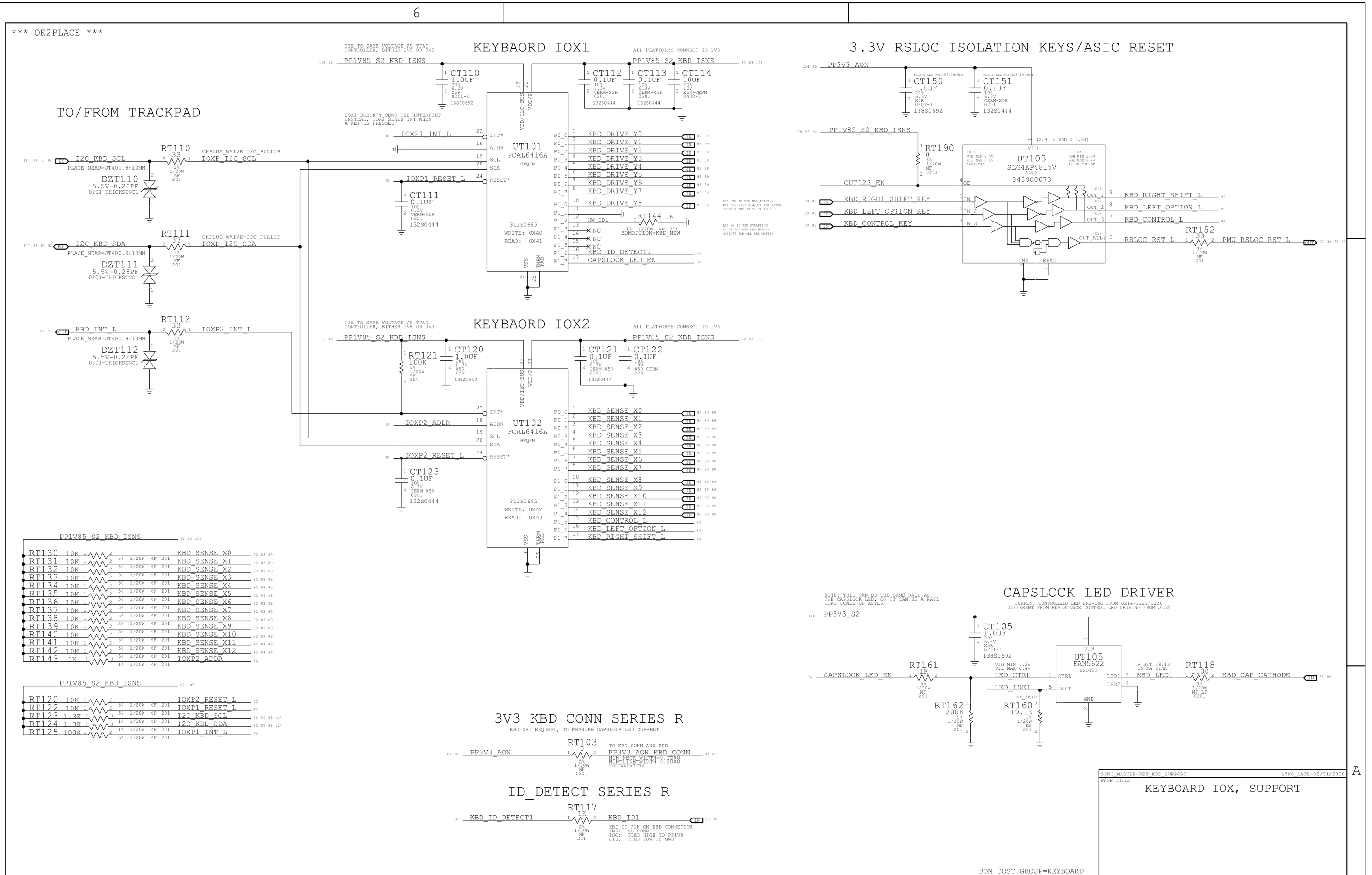


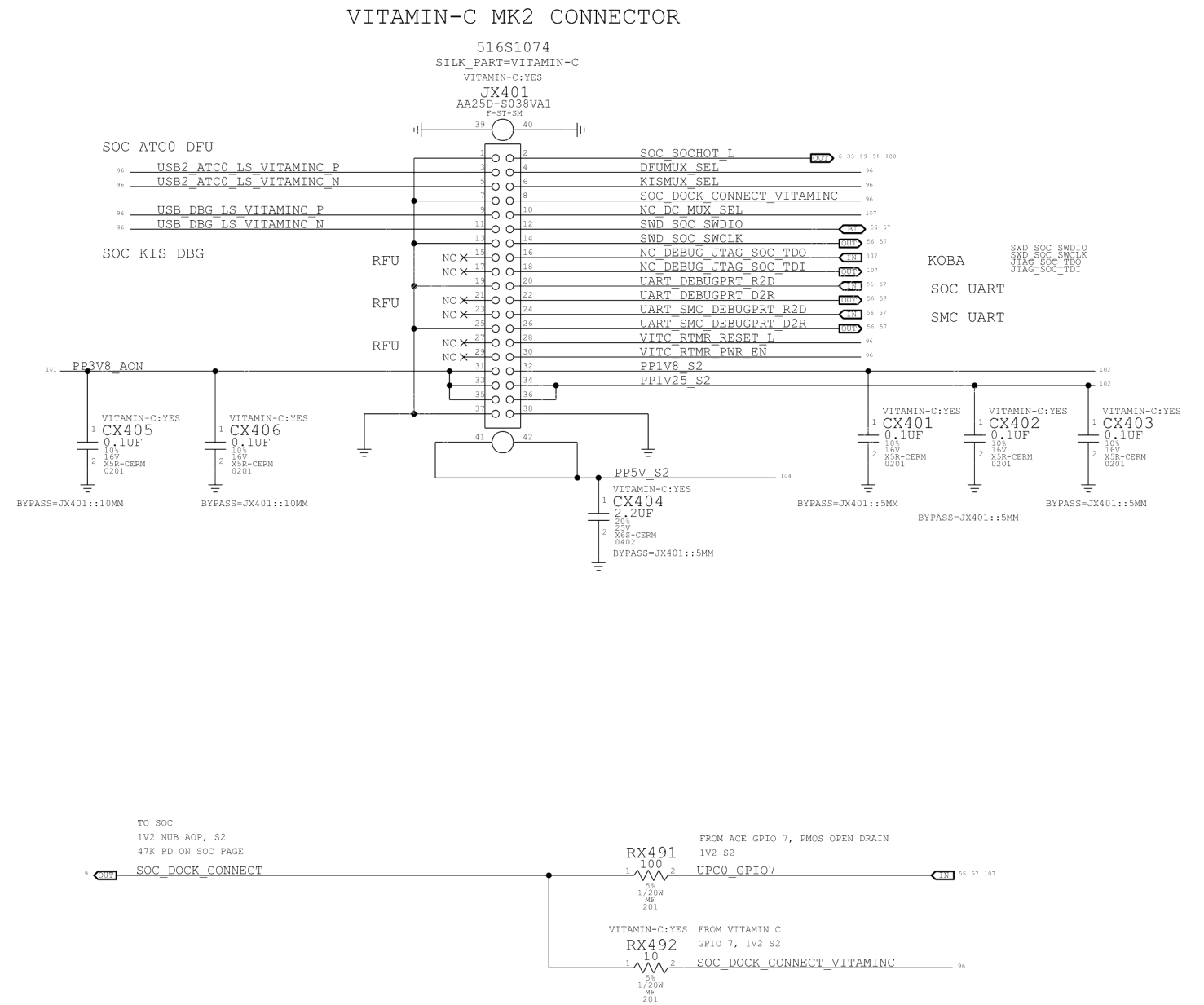
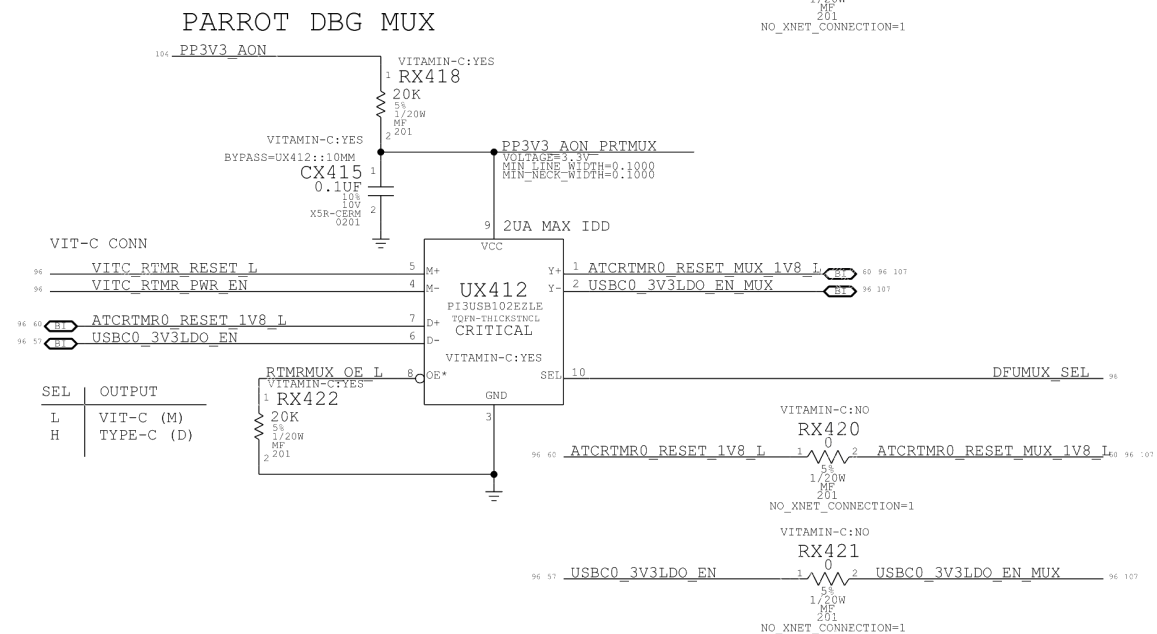
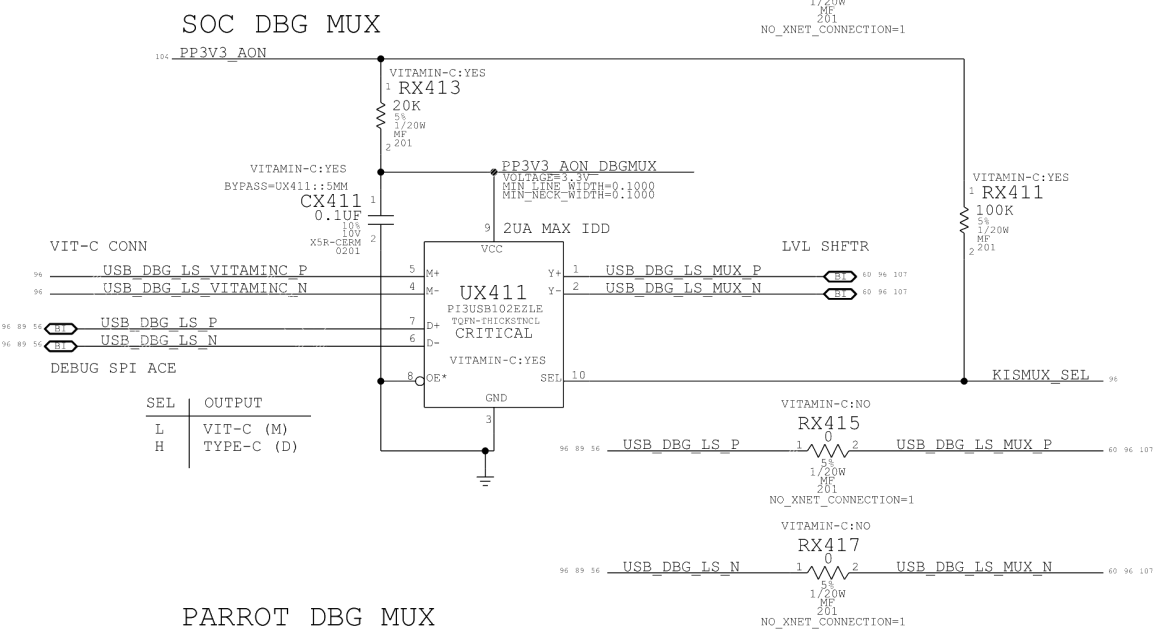
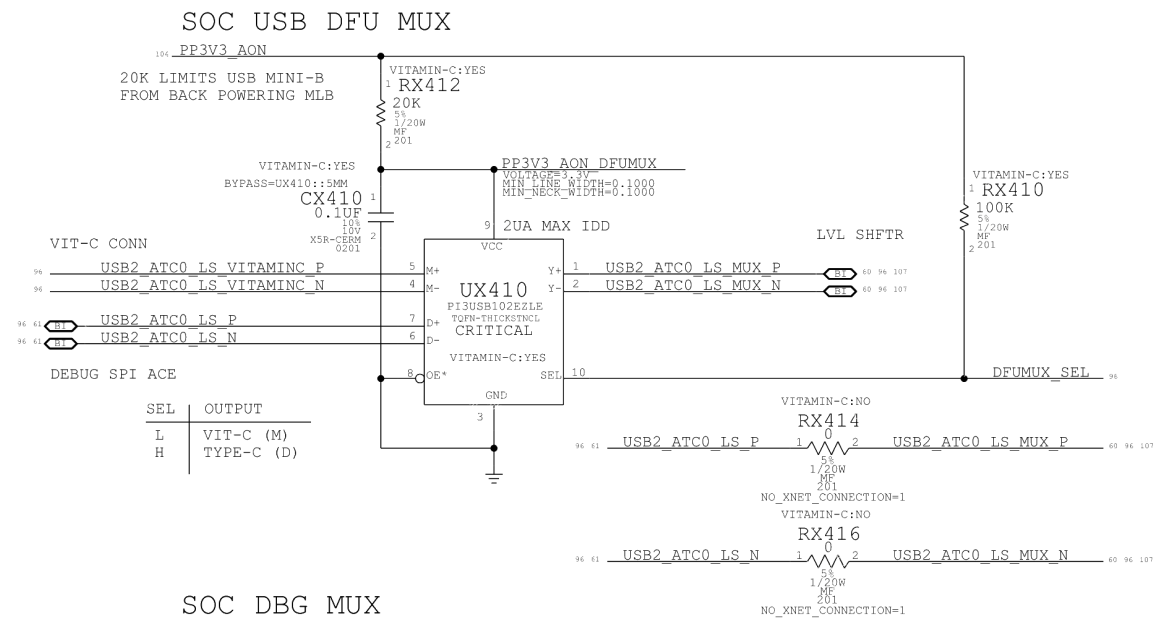
USB-C: High Speed ATC1

BOM_COST_GROUP=TBT

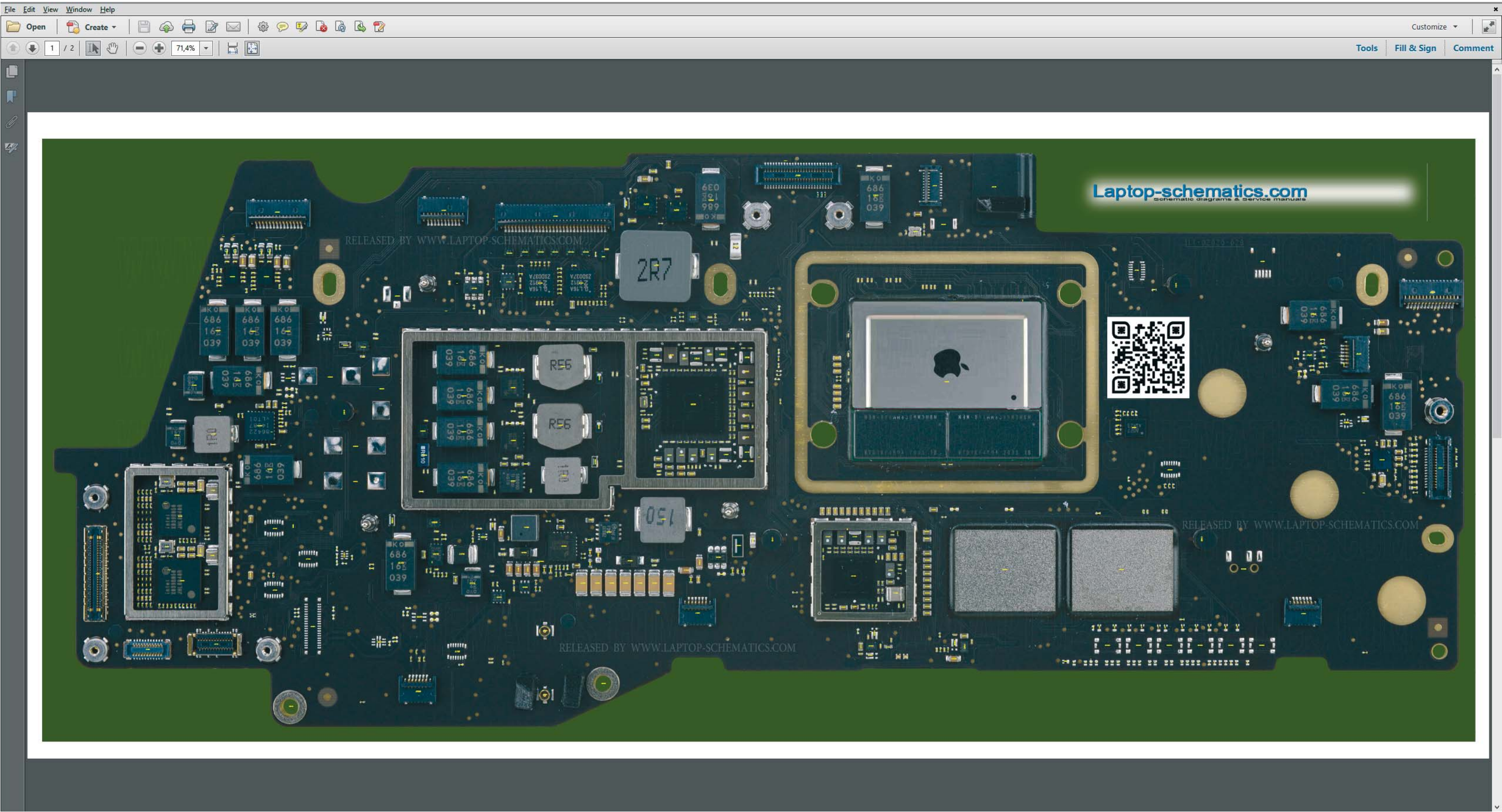


Schematic diagram (sample) . Page#82

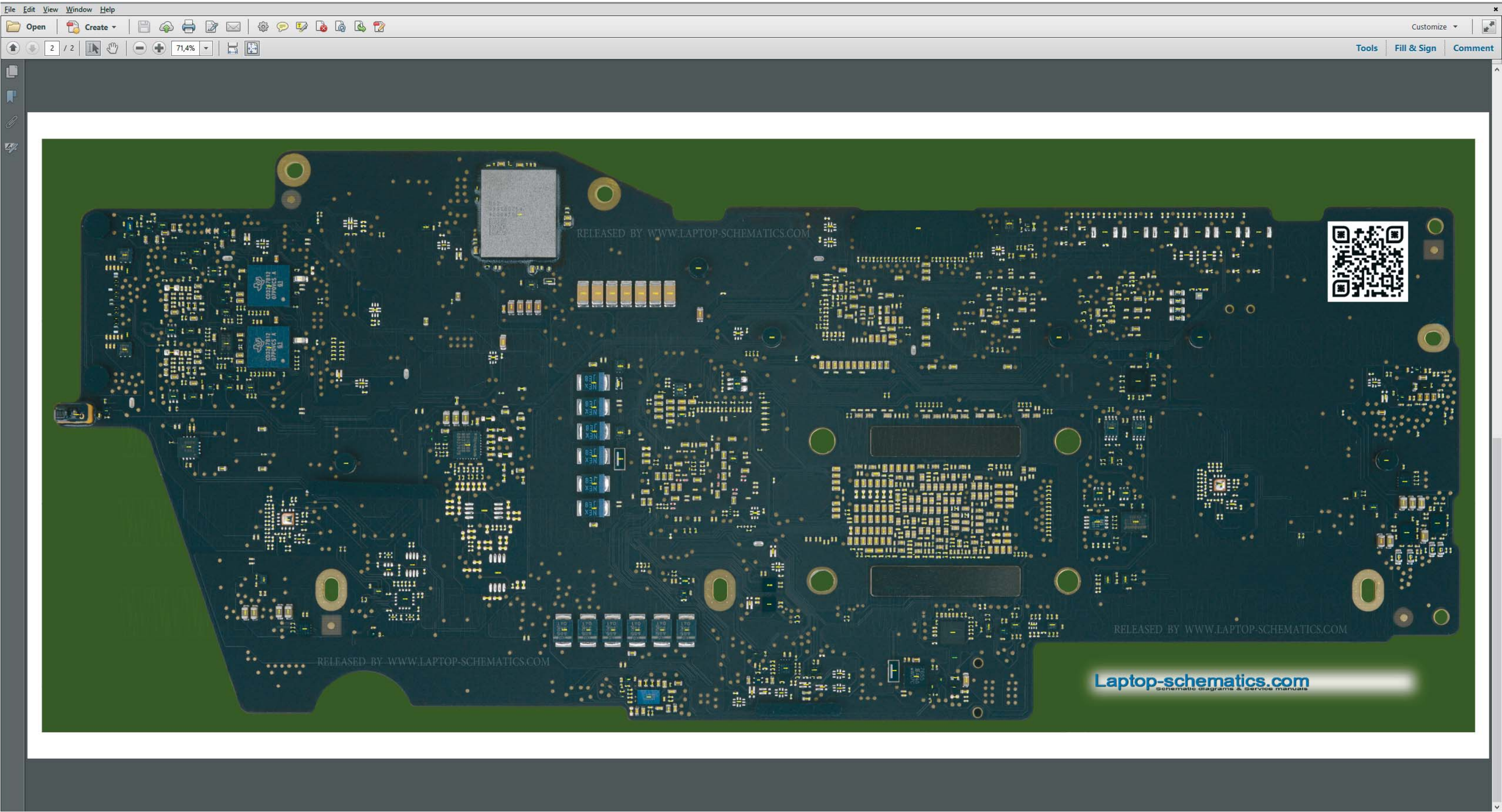




Component Placemen diagram / Silkscreen (sample)
Top Side



Component Placemen diagram / Silkscreen (sample)
Bottom Side

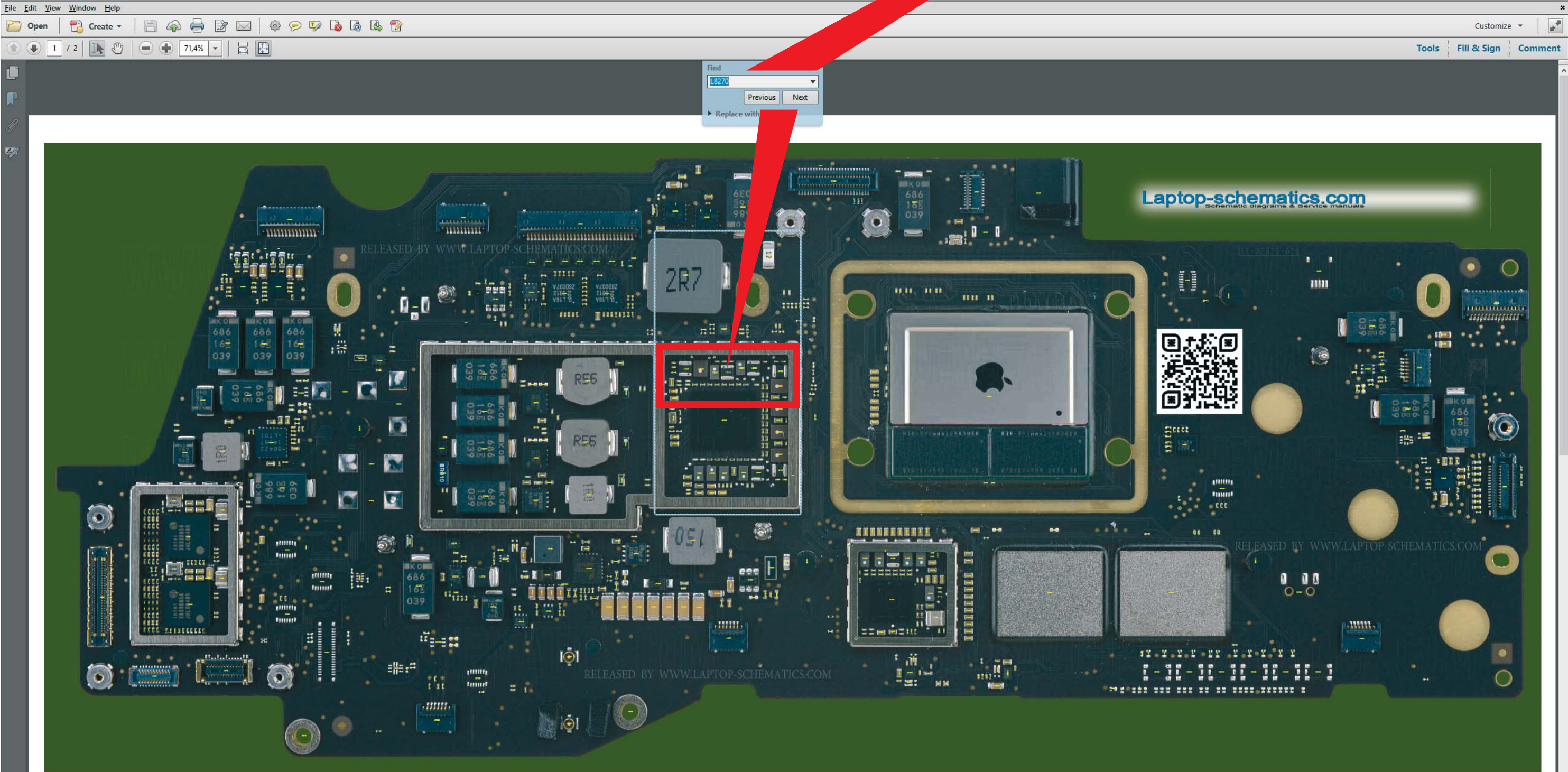
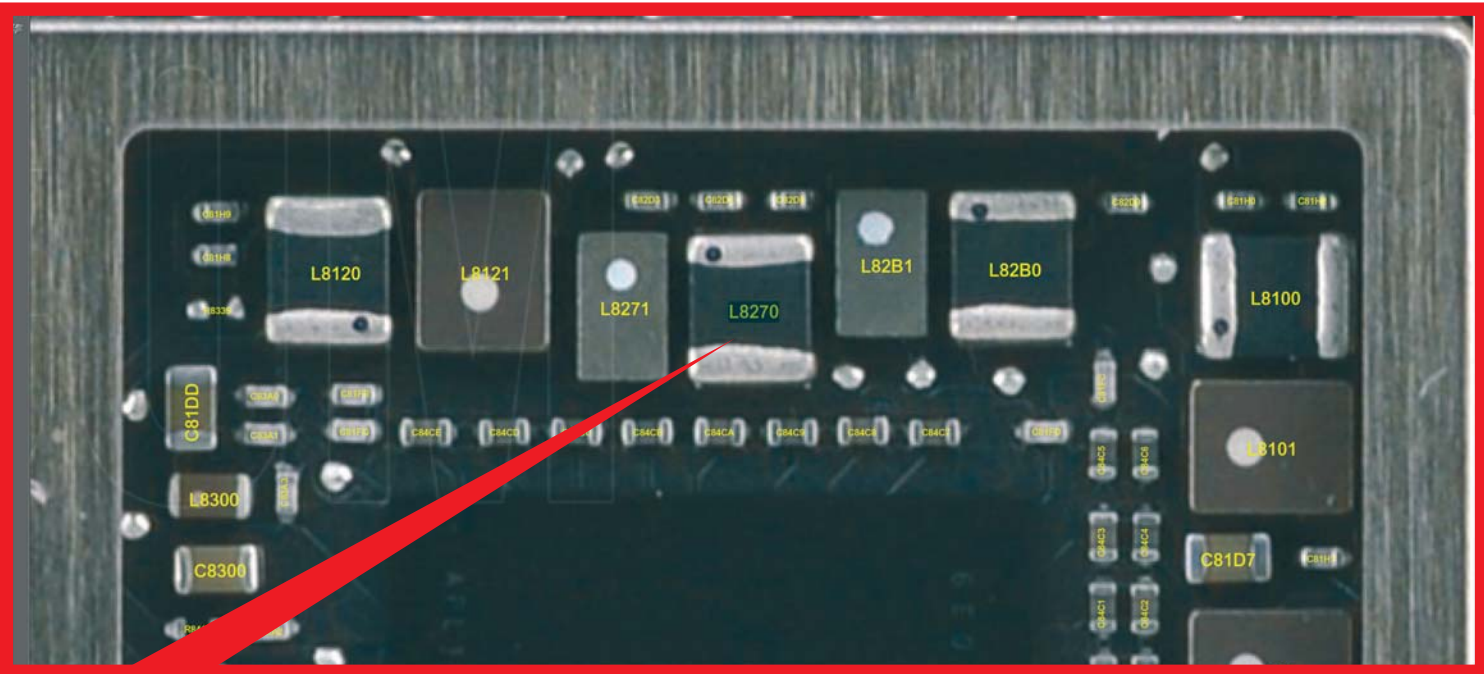


Zoom 350%

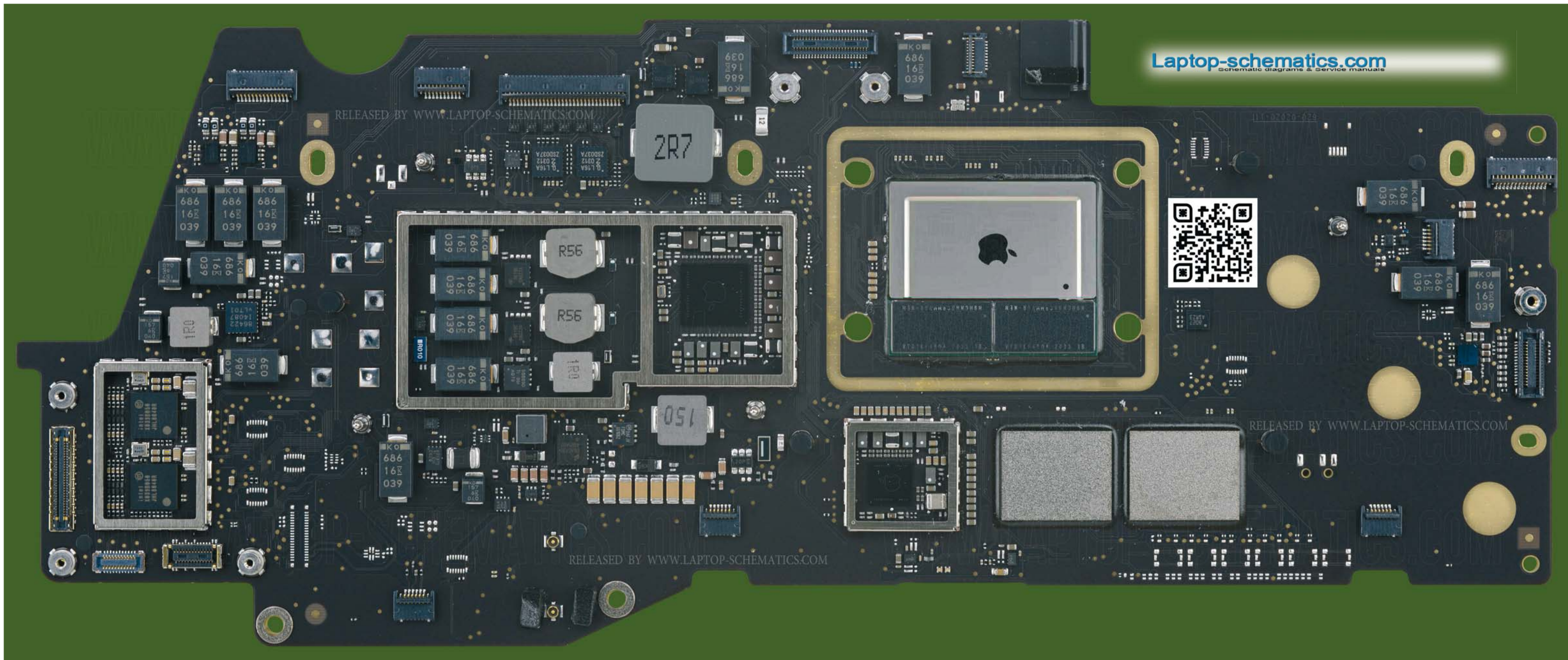


Component Placemen diagram / Silkscreen (sample)

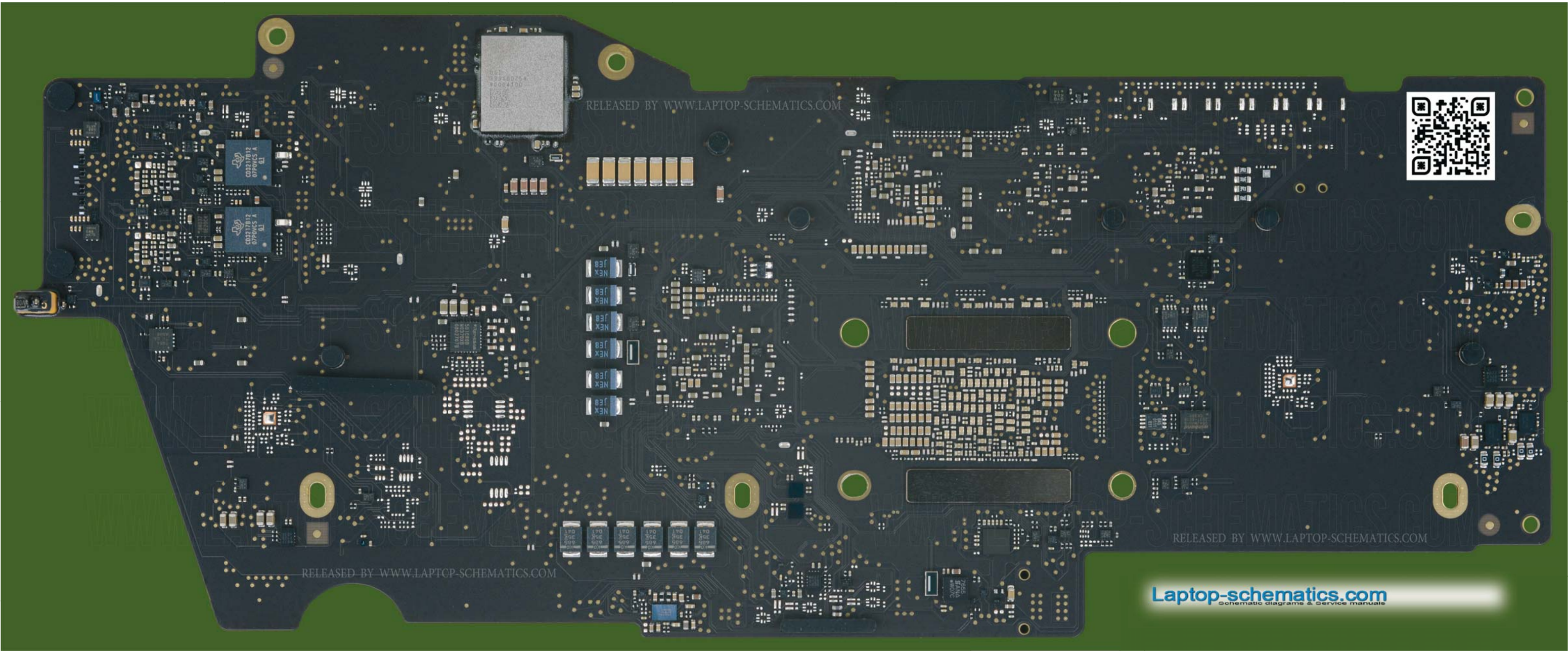
All components are searchable



MLB (scanned image in HD Res)
Top Side



MLB (scanned image in HD Res)
Bottom Side



MLB (scanned image in HD Res)

Zoom 100%

