Laptop-schematics.com
Schematic diagrams & Service manuals

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

SPECIAL OFFER

(Update : 21/05/2021)

http://laptop-schematics.com/view/8610/

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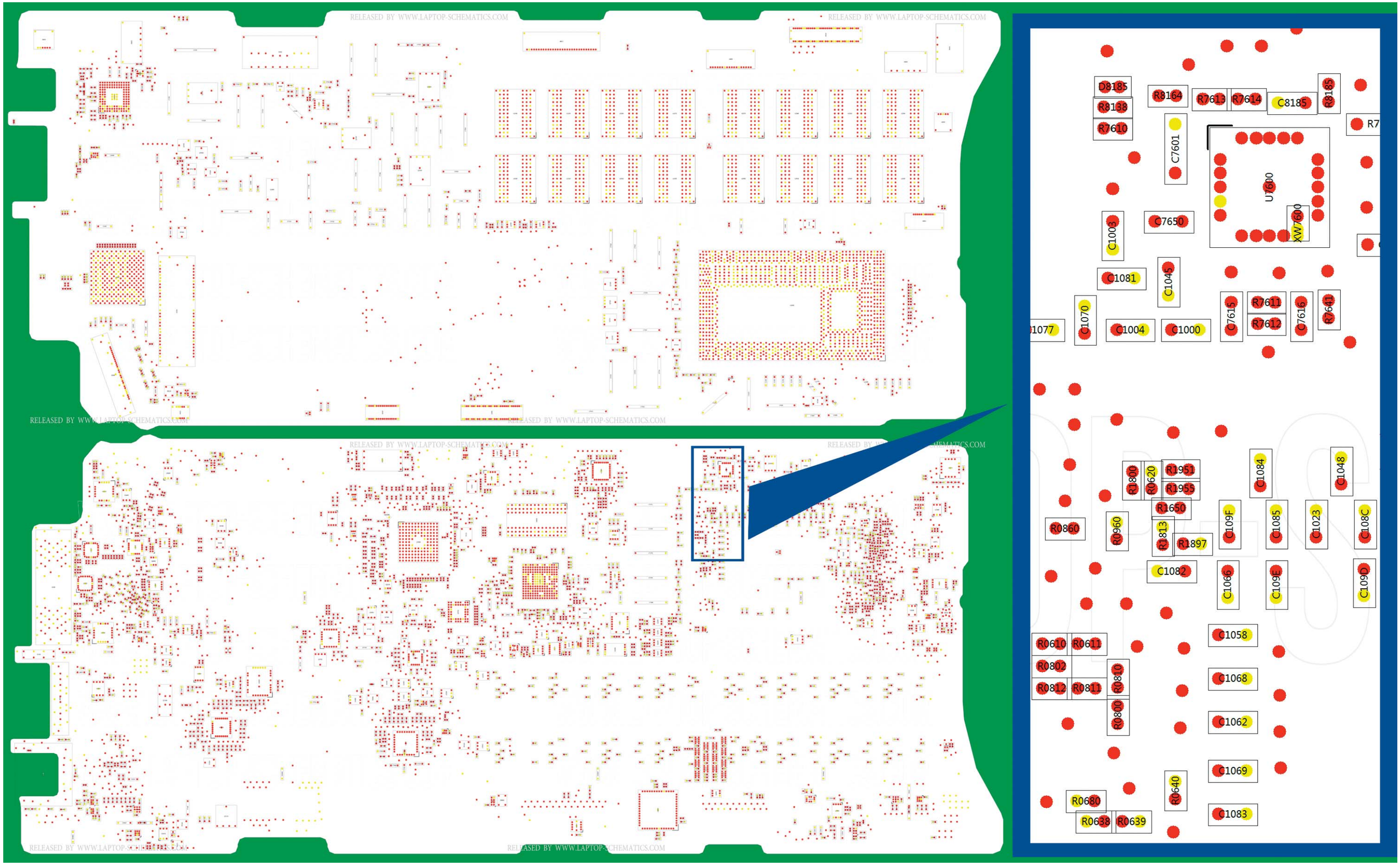
1

MLB# 820-3476 • Retina Late 2013 13" - MacBookPro11,1 - A1502 - EMC 2678

Component Placement Diagram. Also included high resolution scans of the logic and I/O boards.

Original MLB 820-3476; 2 PNG files in High Resolution; Unsearchable, but completely readable.
Yellow pads are GROUND, Red ones - Signals / Power / NC. It's not a .BRD file!

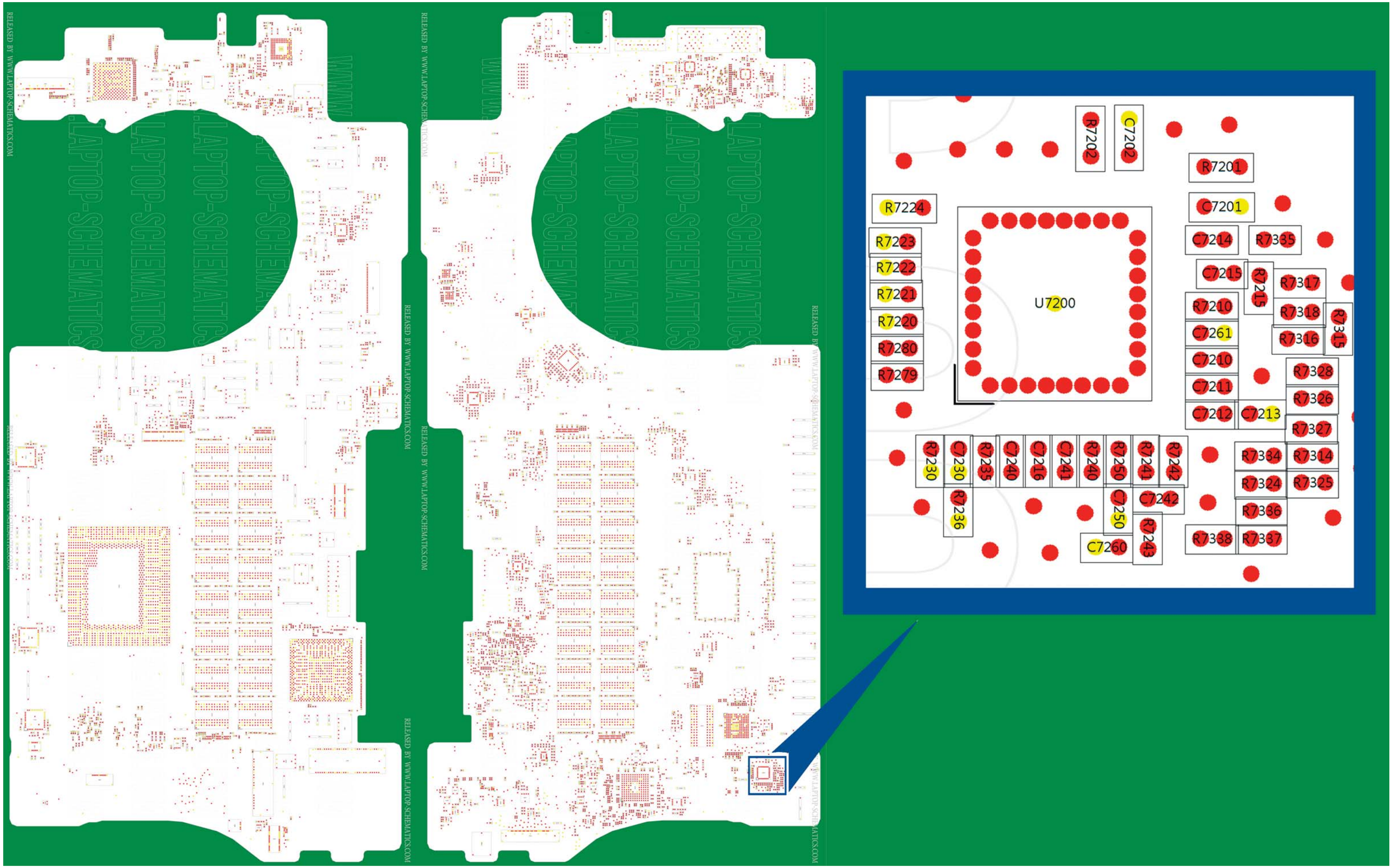


MLB# 820-00138 • Retina Mid-2015 15" - MacBookPro11,4 - A1398 - EMC 2909

2

Component Placement Diagram

Original MLB 820-00138; 2 PNG files in High Resolution; Unsearchable, but completely readable.
Yellow pads are GROUND, Red ones - Signals / Power / NC. It's not a .BRD file!

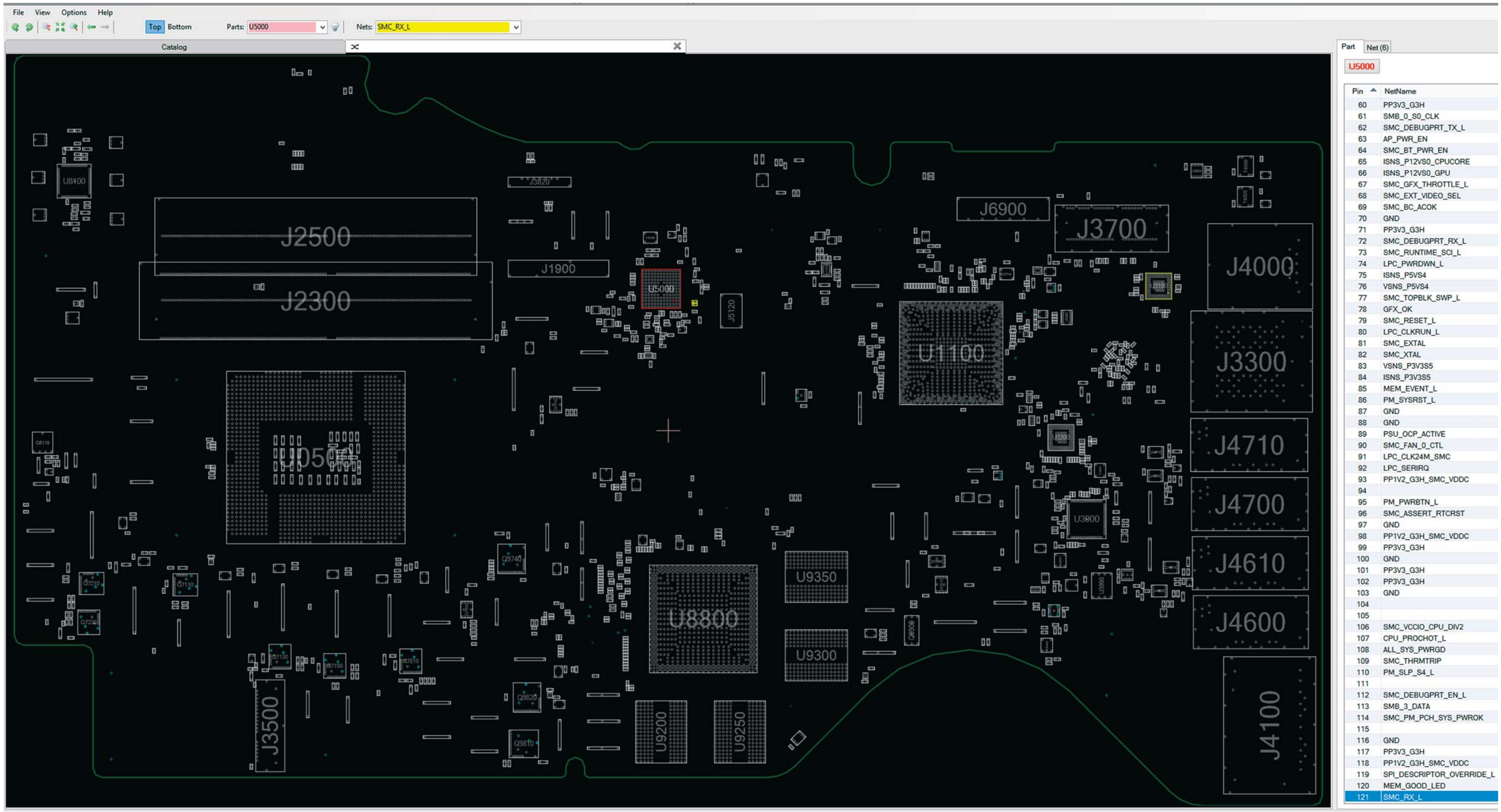


MLB# 820-00597 • Retina 4K 21.5'' Mid-2017 iMac18,2 - A1418 - EMC 3069

3

BoardView file. Also included high resolution scans of the logic board

It's a .BRD file. It works with "ALT", "Landrex" and "OpenBoardView" software



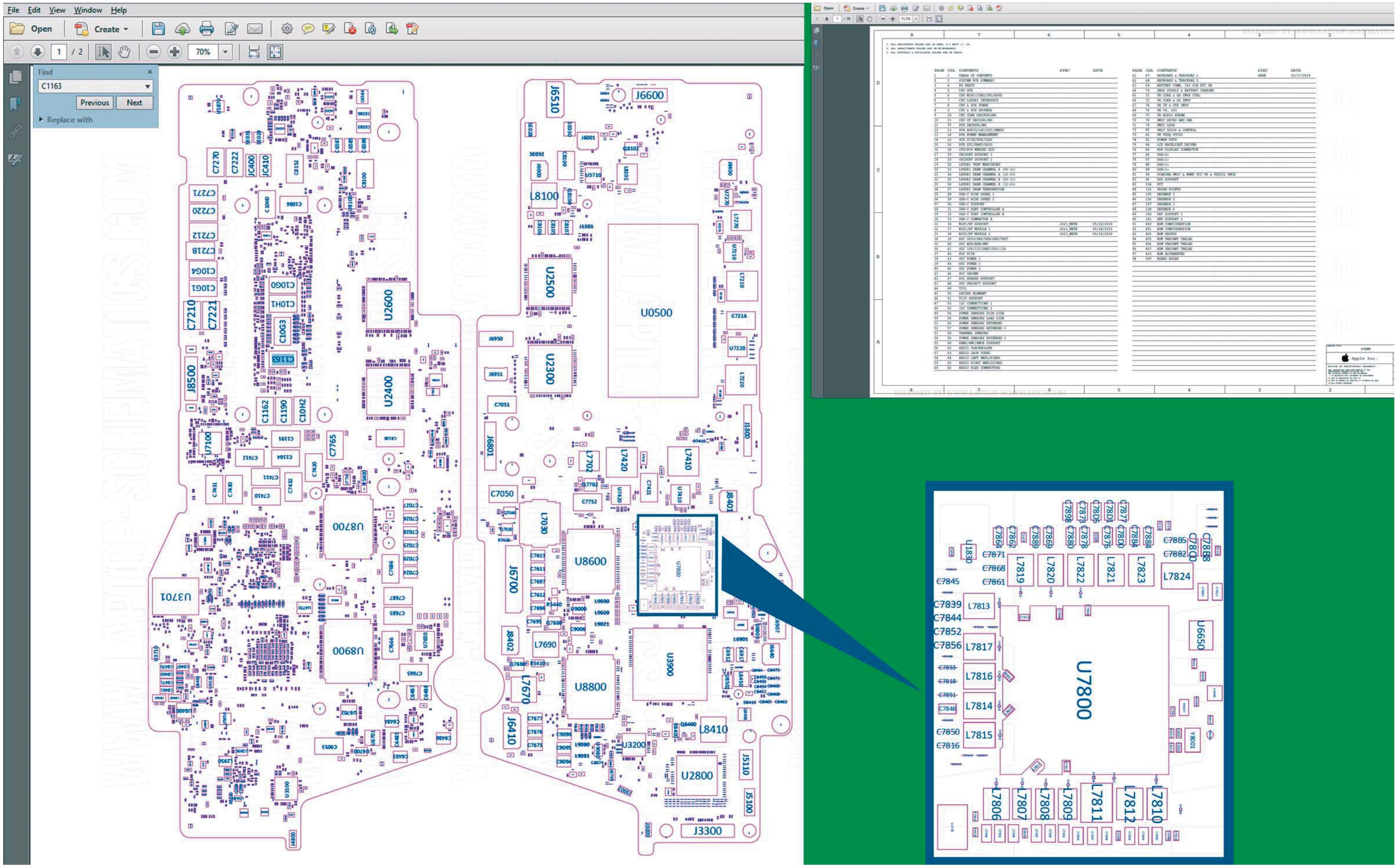
MLB# 820-01987 • 2020 13" (2 TB 3) - MacBookPro16,3 - A2289 - EMC 3456

4

Schematic Diagram + Component Placement Diagram

Schematic Diagram - Searchable PDF file

Component Placement Diagram - Searchable PDF file. It's not a .BRD (BoardView) file!



MLB# 820-01958 • 2020 Scissor - MacBookAir9,1 - A2179 - EMC 3302

Schematic Diagram + 2 Component Placement Diagrams. Also included high resolution scans of the logic board

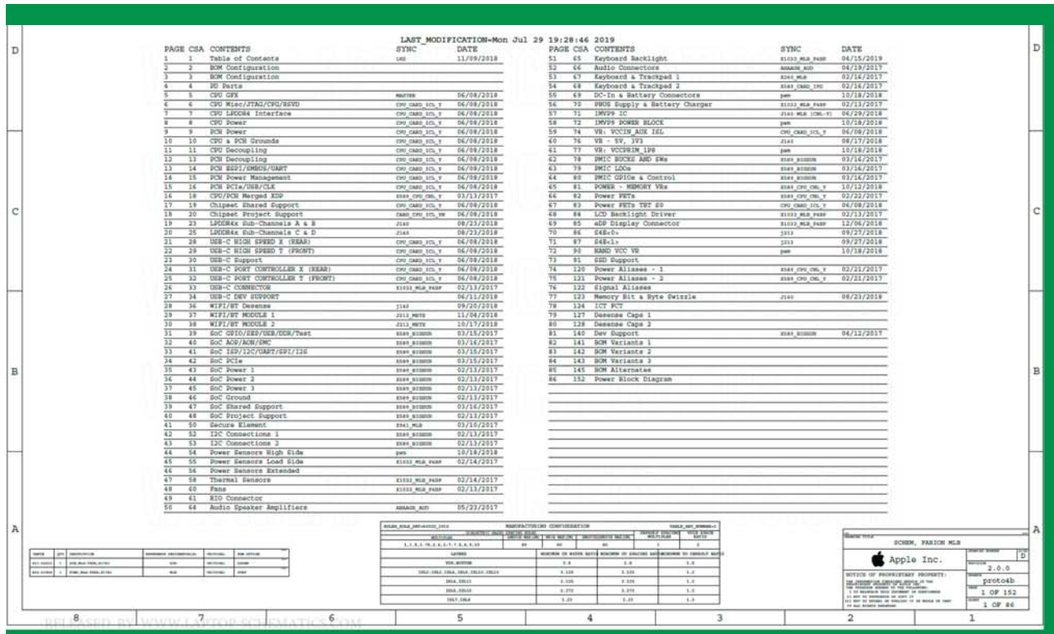
5

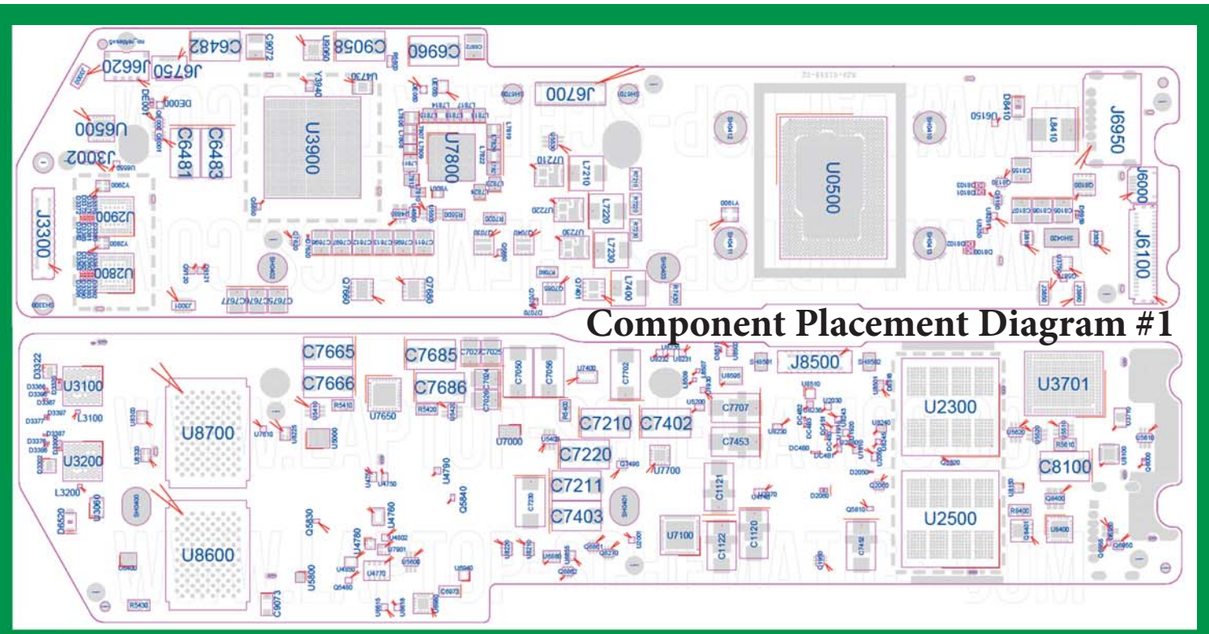
Schematic Diagram - Searchable PDF file

Component Placement Diagram #1 - Searchable PDF file, but only main components are shown

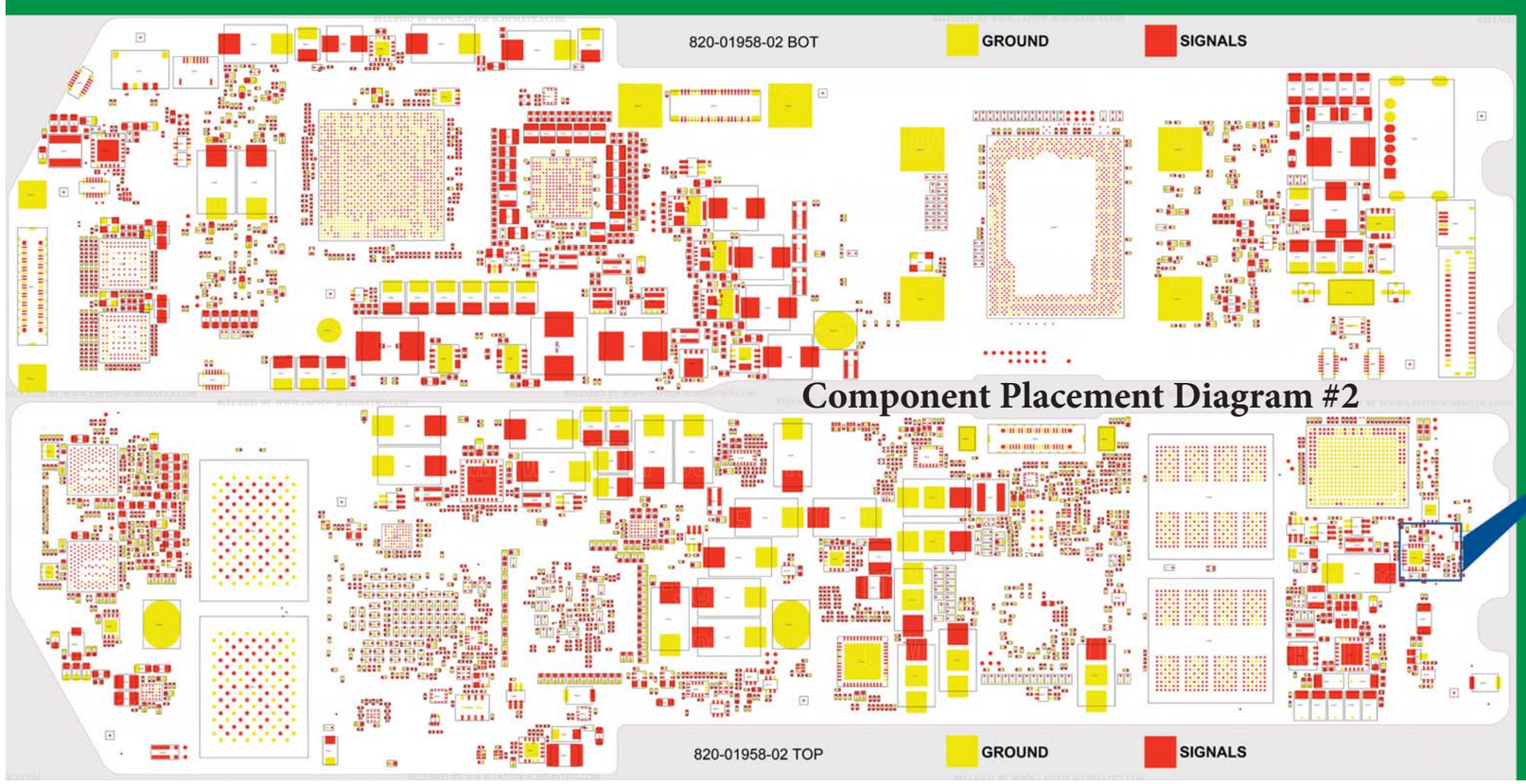
Component Placement Diagram #2 - 2 PNG files in High Resolution; Unsearchable, but completely readable. All componets are shown.

Yellow pads are GROUND, Red ones - Signals / Power / NC. It's not a .BRD (BoardView) files!

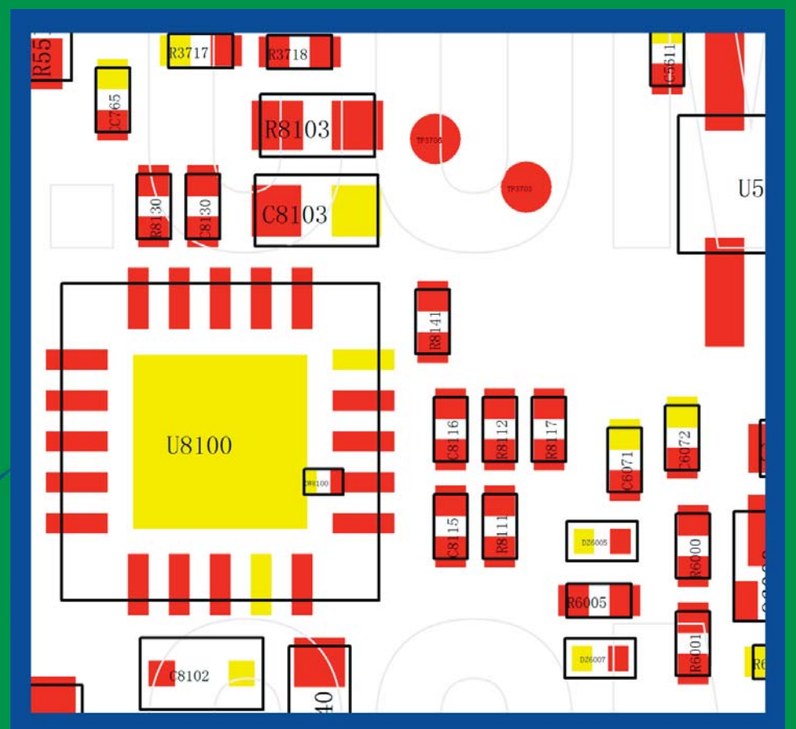




Component Placement Diagram #1



Component Placement Diagram #2



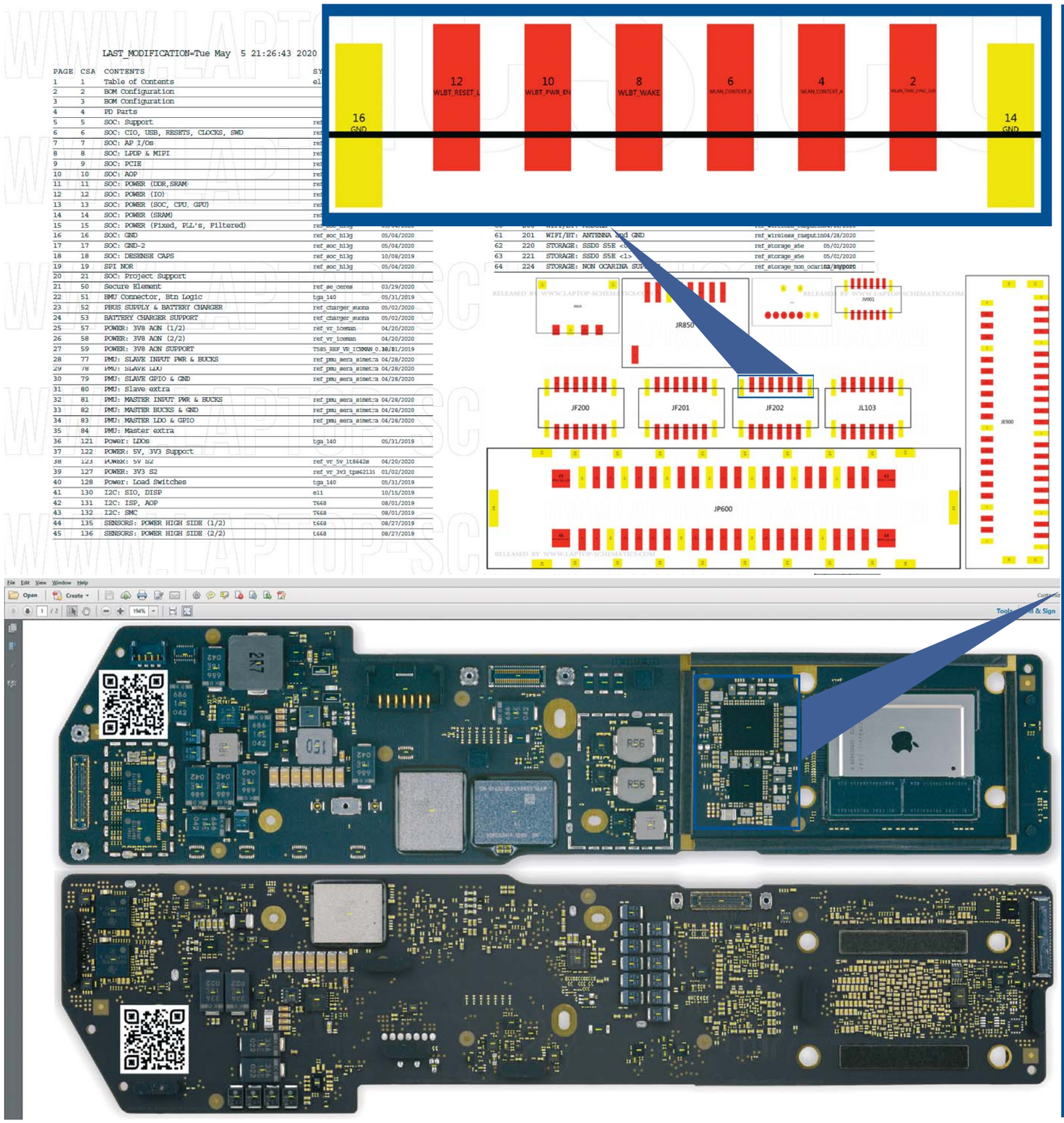
MLB# 820-02016 • M1, 2020 - MacBookAir10,1 - A2337 - EMC 3598

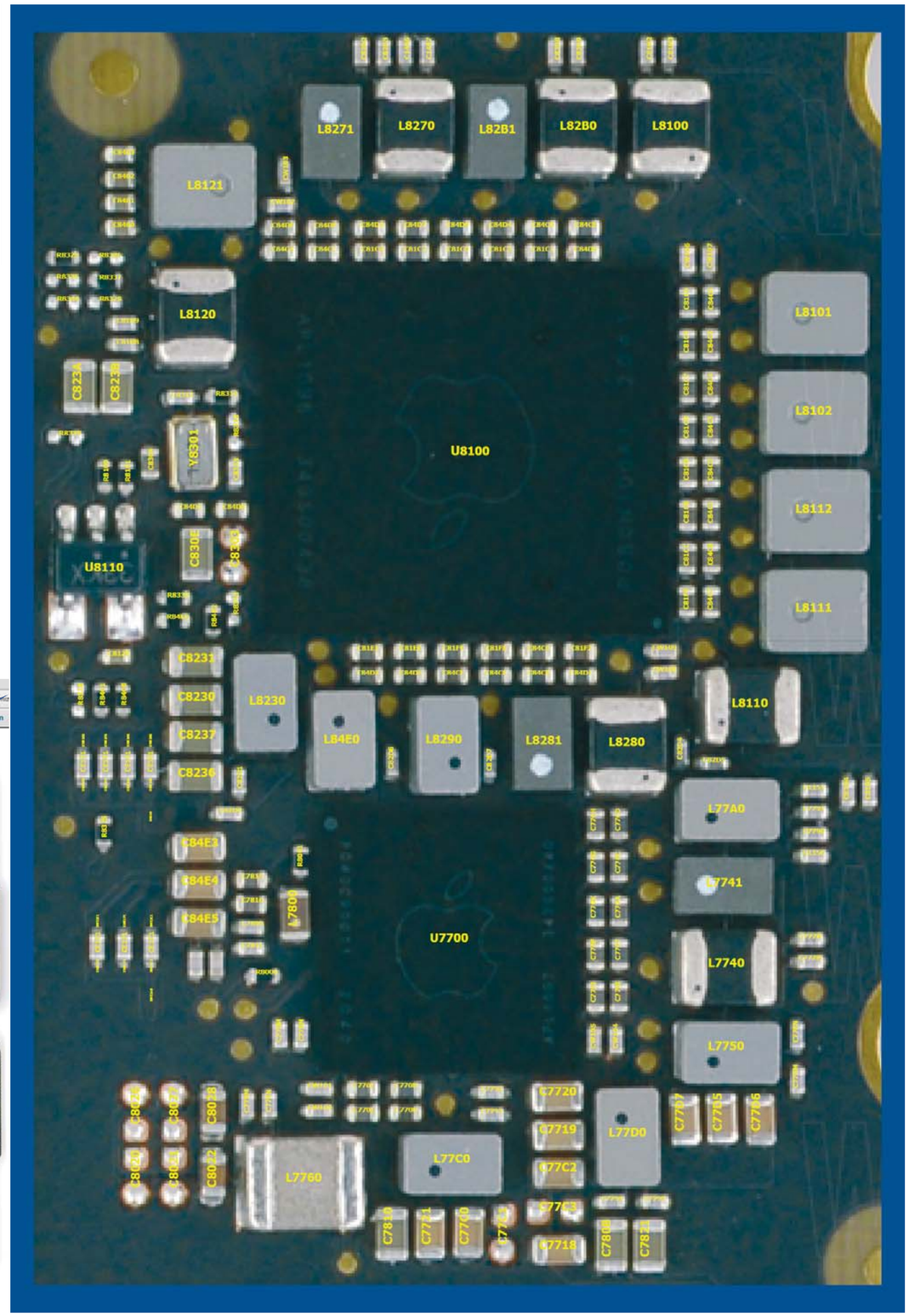
6

Schematic Diagram + Component Placement Diagram + Connectors Pinouts. Also included high resolution scans of the logic board

Schematic Diagram - Searchable PDF file

Component Placement Diagram - Searchable PDF file. It's not a .BRD (BoardView) file!





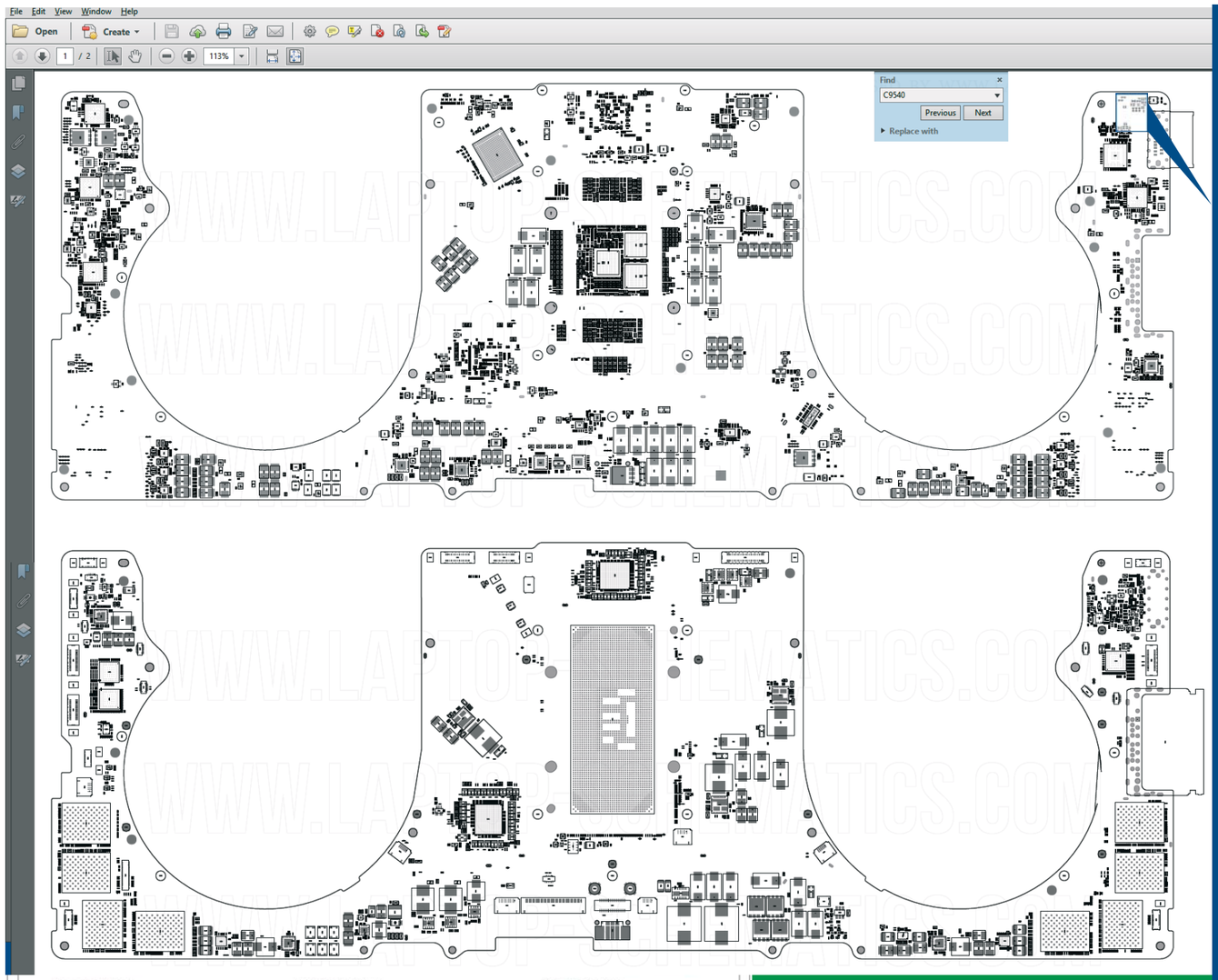
MLB# 820-02100 • M1, 2021, 16"- ???????/A - MacBookPro1?,1 - A???? - ???? (Info about this model is not available. This laptop is not yet released)

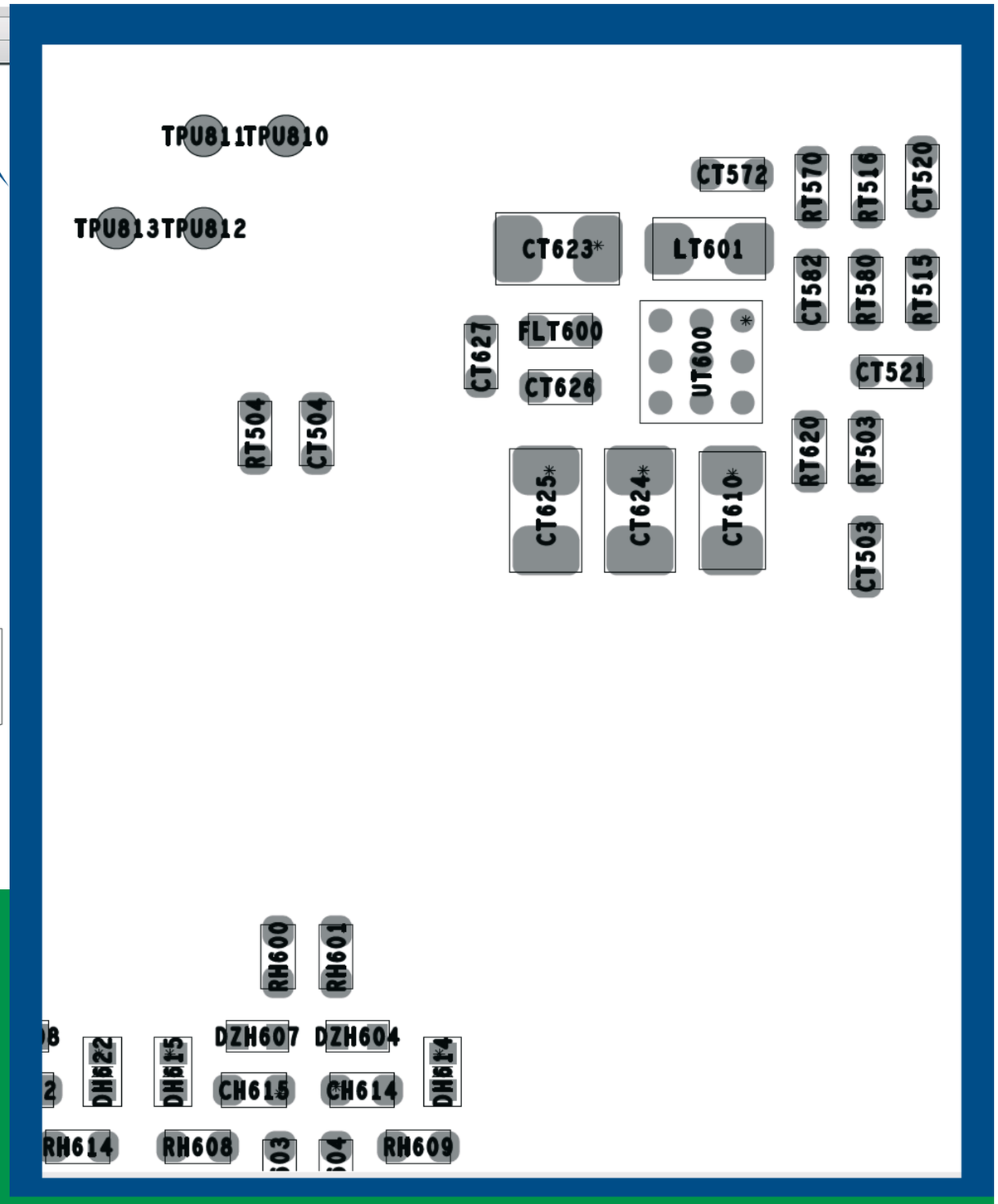
7

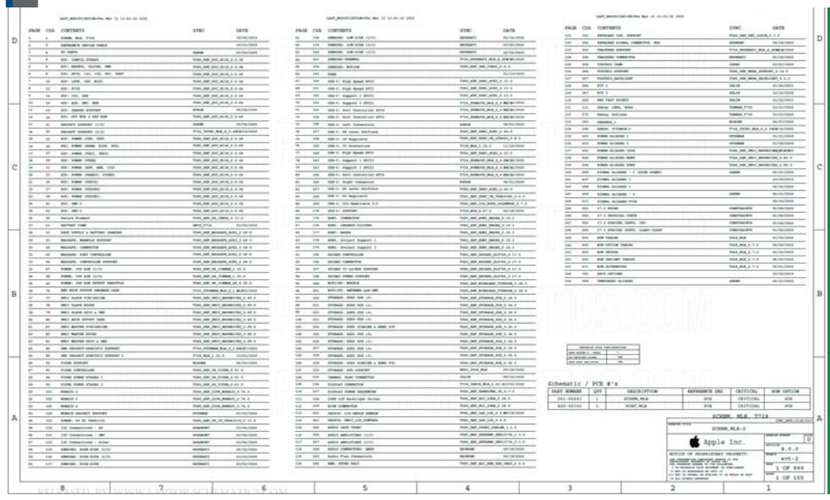
Schematic Diagram + Component Placement Diagram

Schematic Diagram - Searchable PDF file

Component Placement Diagram - Searchable PDF file. It's not a .BRD (BoardView) file!







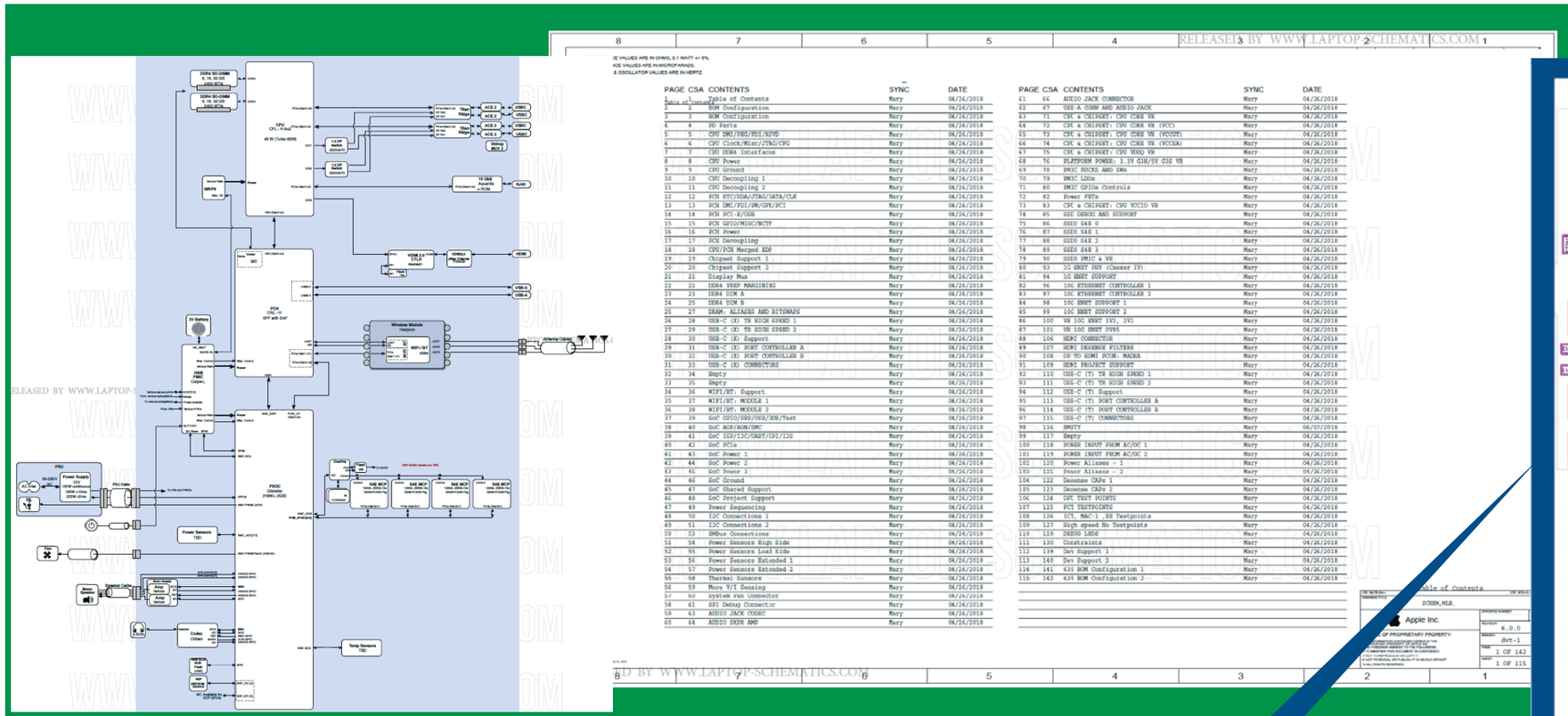
MLB# 820-00939 • 2018 - Macmini 8,1 - A1993 - EMC 3213

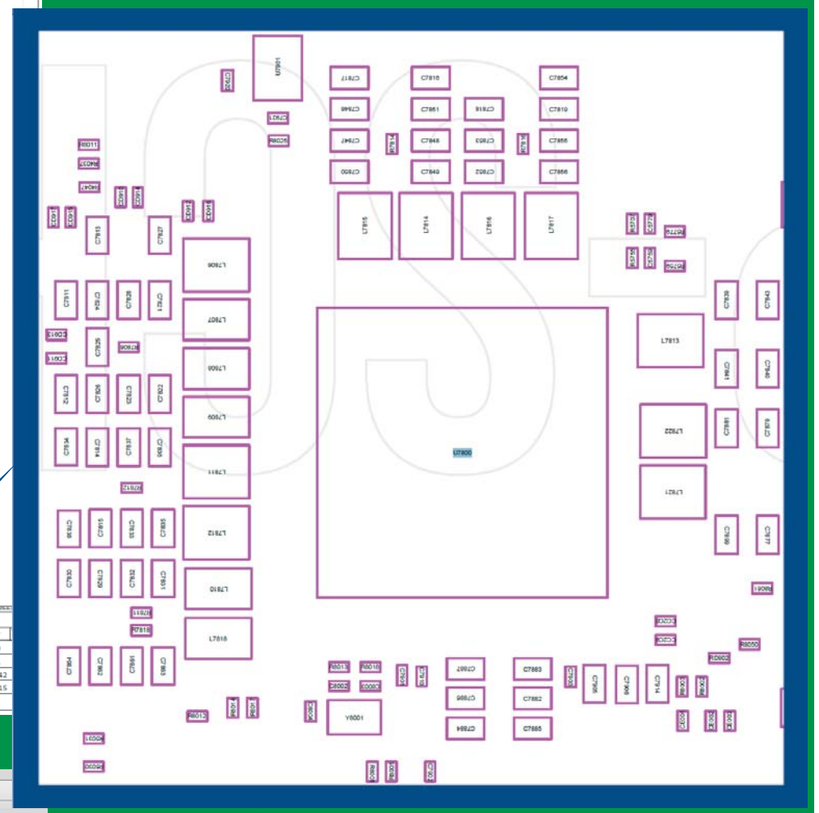
8/1

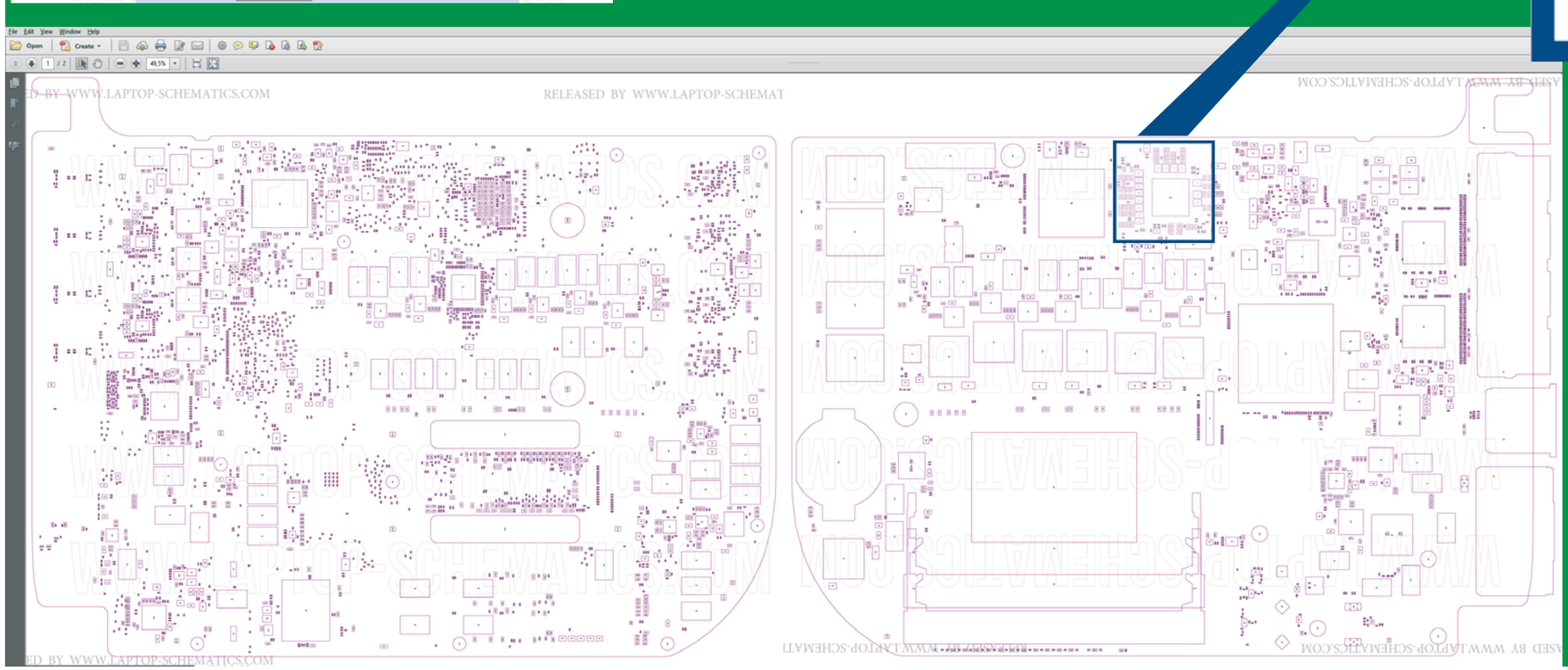
Schematic Diagram + System Block Diagram + 3 Component Placement diagrams. Also included high resolution scans of the logic board

Schematic Diagram - Searchable PDF file

Component Placement Diagram #1 - Searchable PDF file. It's not a .BRD (BoardView) file!







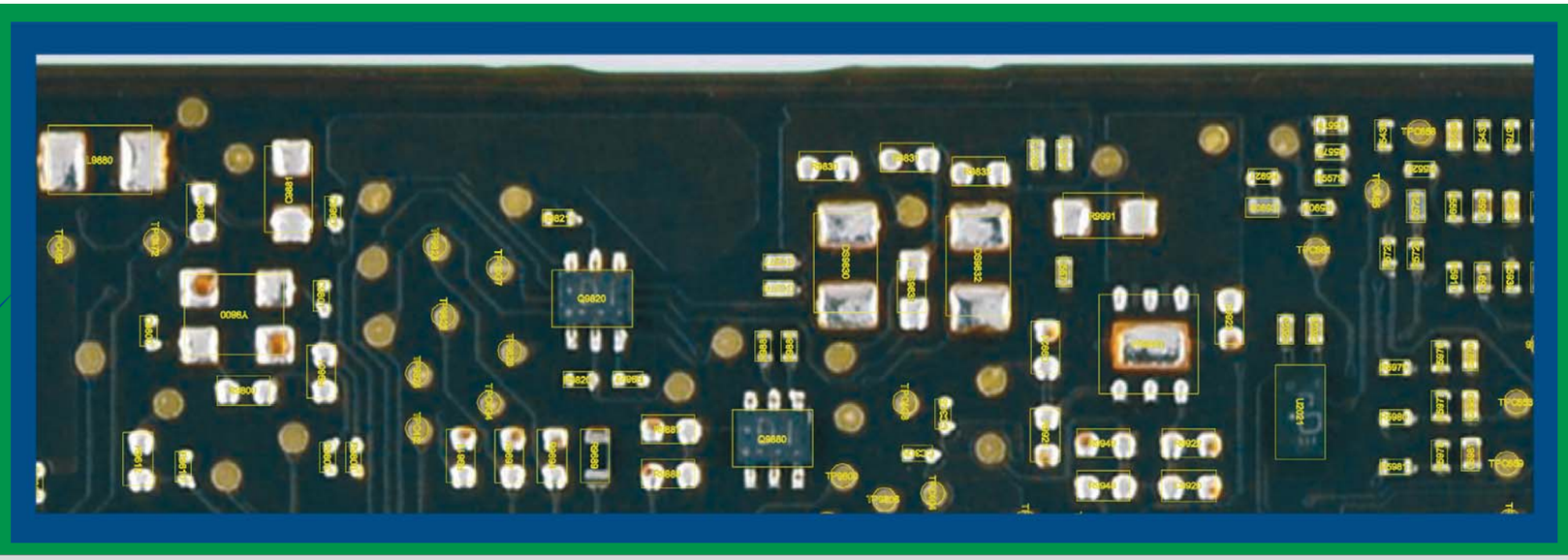
Component Placement Diagram #1

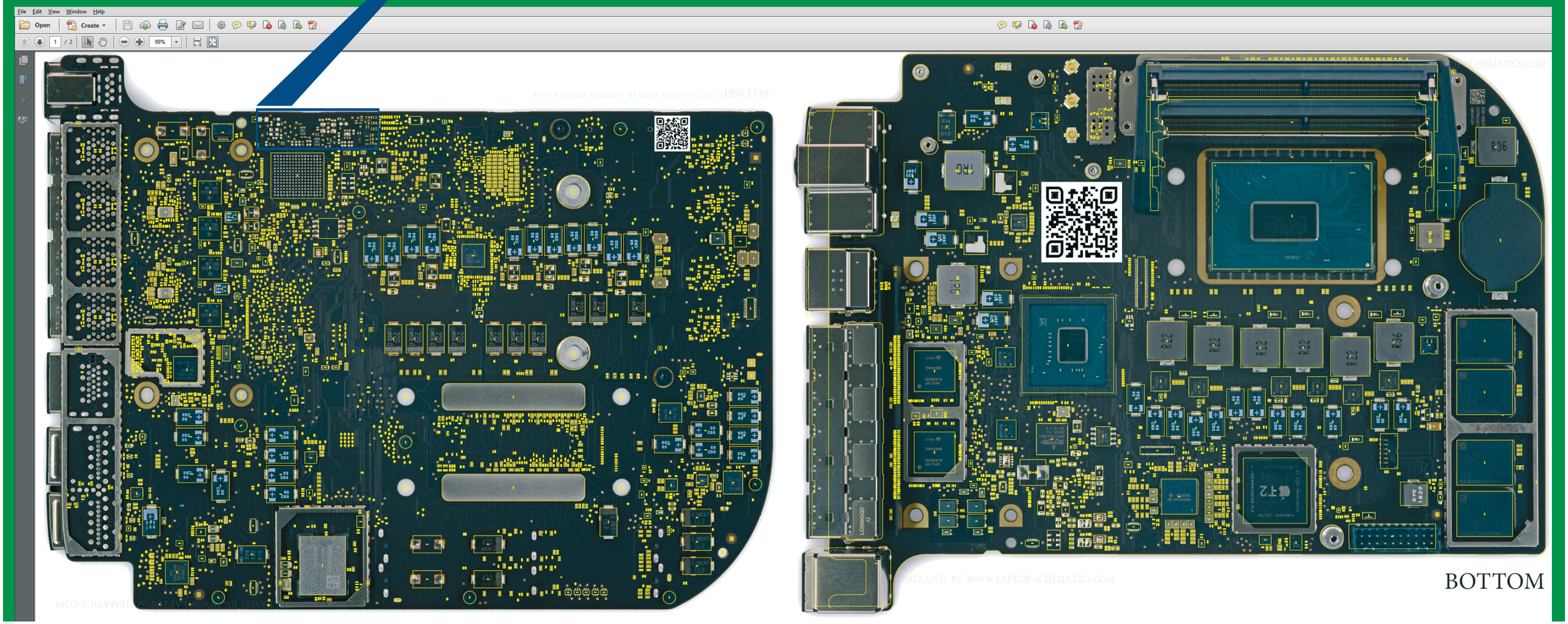
MLB# 820-00939 • 2018 - Macmini 8,1 - A1993 - EMC 3213

Schematic Diagram + System Block Diagram + 3 Component Placement diagrams

Component Placement Diagram #2 - Searchable PDF file.
It's not a .BRD (BoardView) file!

Component Placement Diagram #2





BOTTOM

MLB# 820-00939 • 2018 - Macmini 8,1 - A1993 - EMC 3213

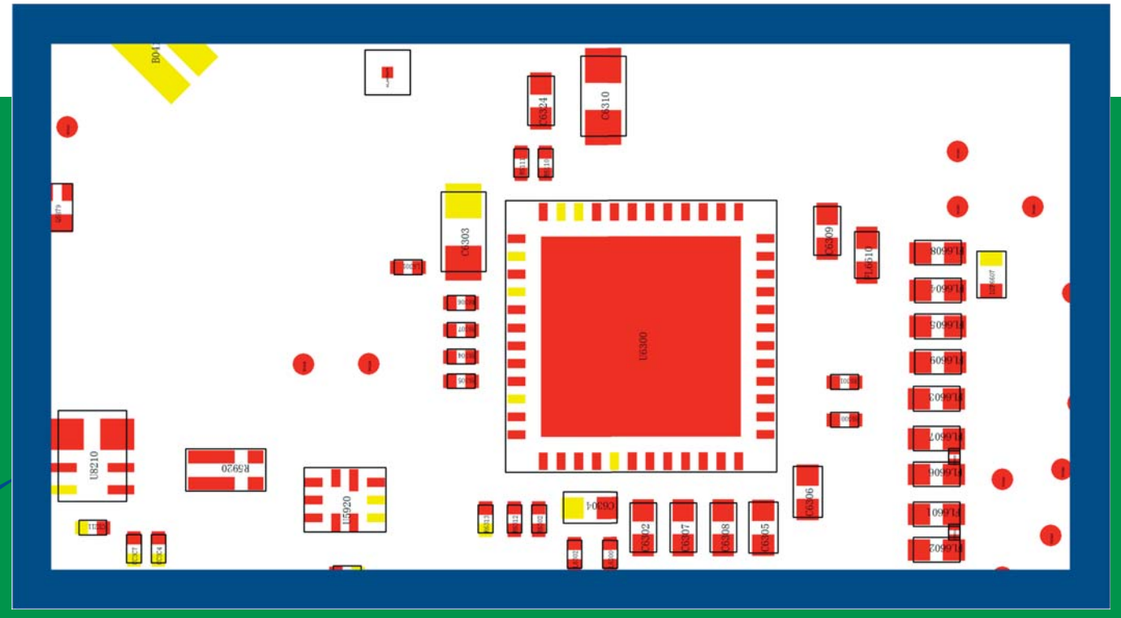
Schematic Diagram + System Block Diagram + 3 Component Placement diagrams.

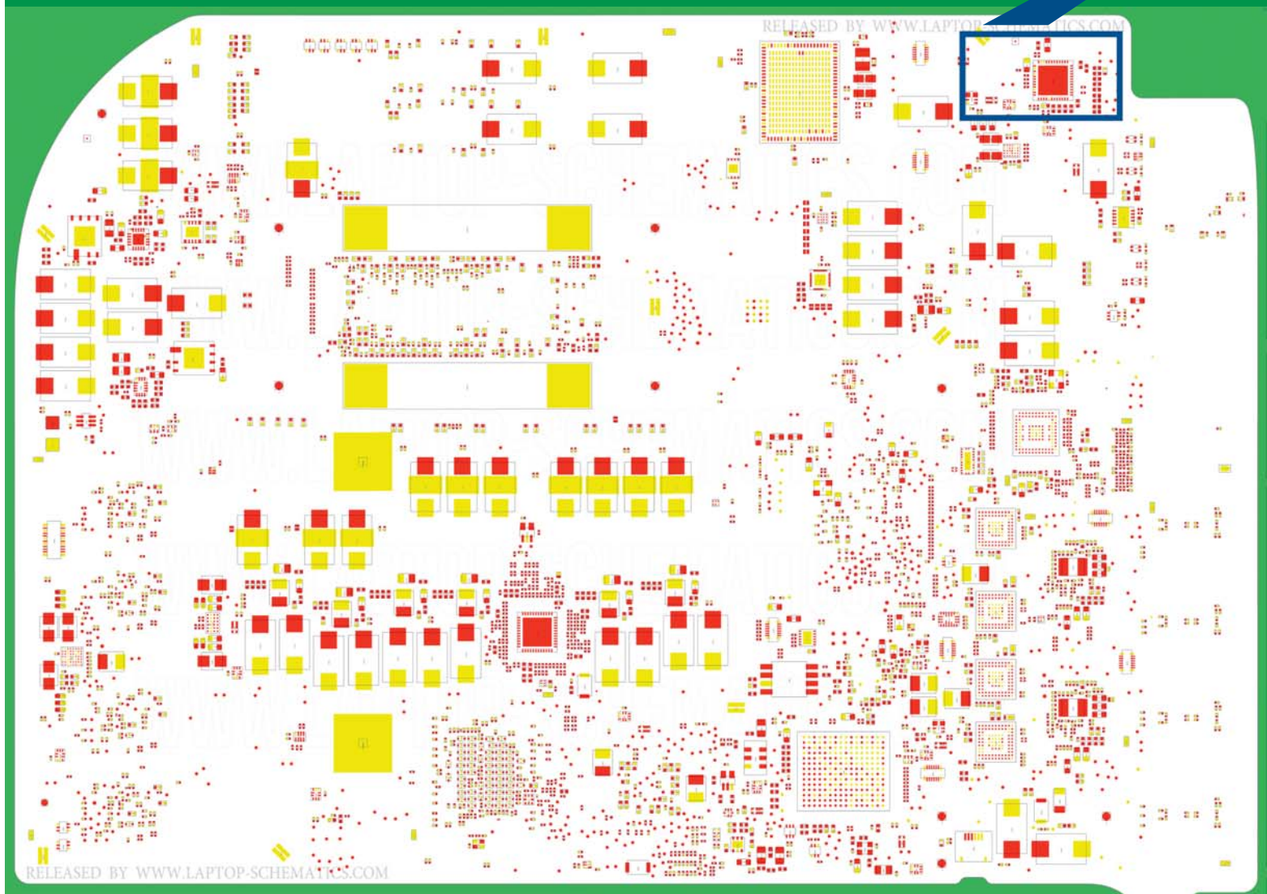
Component Placement Diagram #3 - 2 PNG files in High Resolution / Unsearchable, but completely readable.

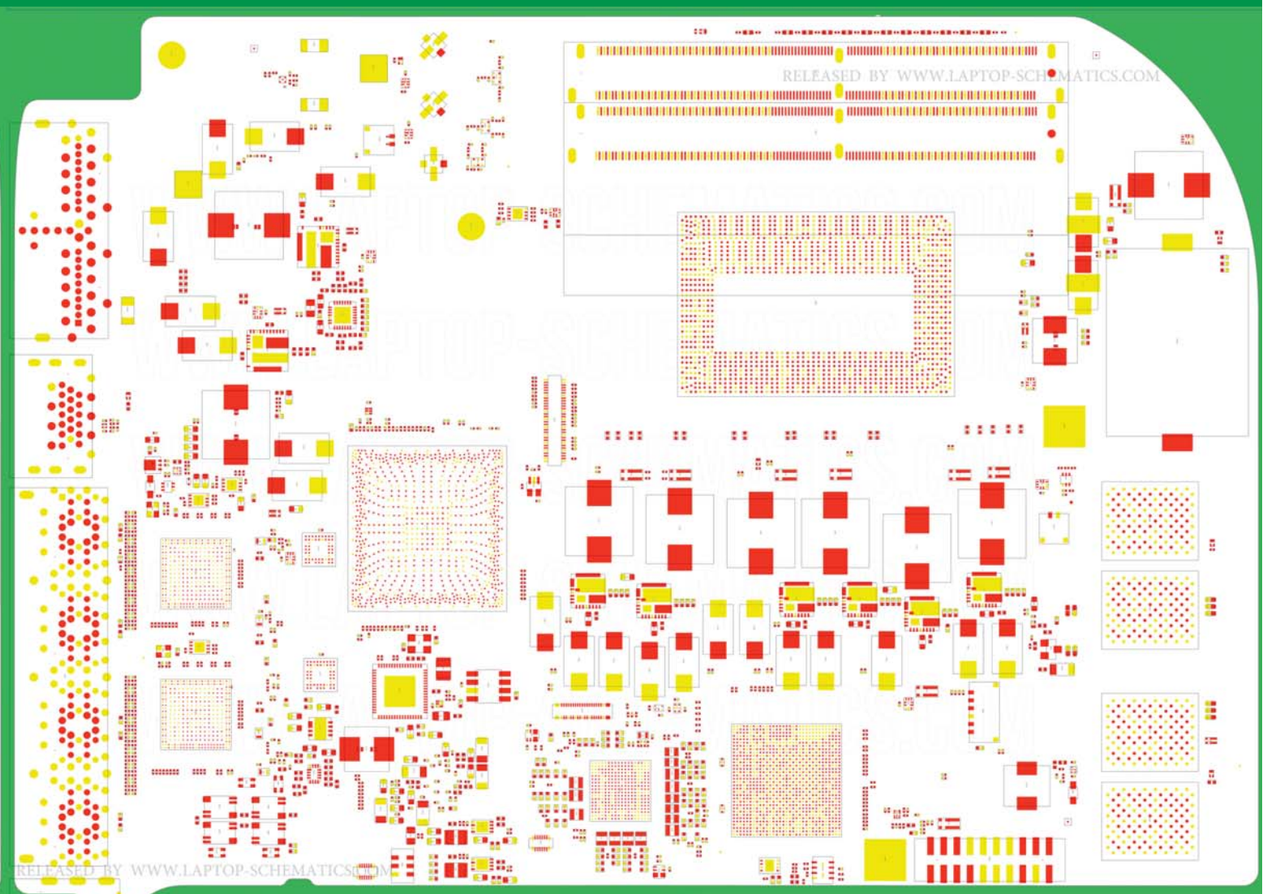
Yellow pads are GROUND, Red ones - Signals / Power / NC.

It's not a .BRD (BoardView) file!

Component Placement Diagram #3







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MLB# 820-00724 • iPad 5 A1823 (Wi-Fi + Cellular)

9 Schematic Diagram + Component Placement Diagram

Schematic Diagram - Searchable PDF file

Component Placement Diagram - 2 PNG files in High Resolution / Unsearchable, but completely readable.

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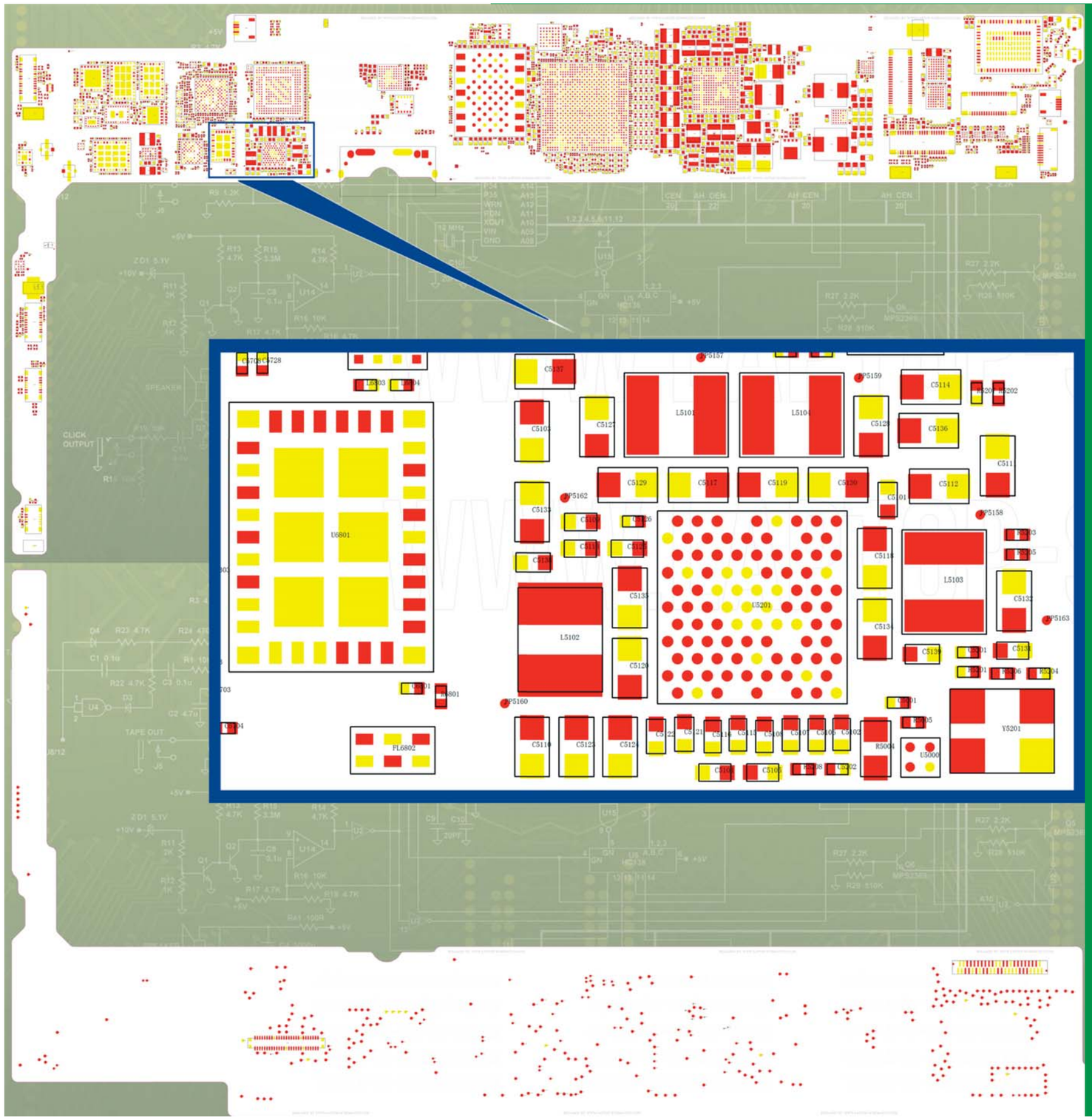
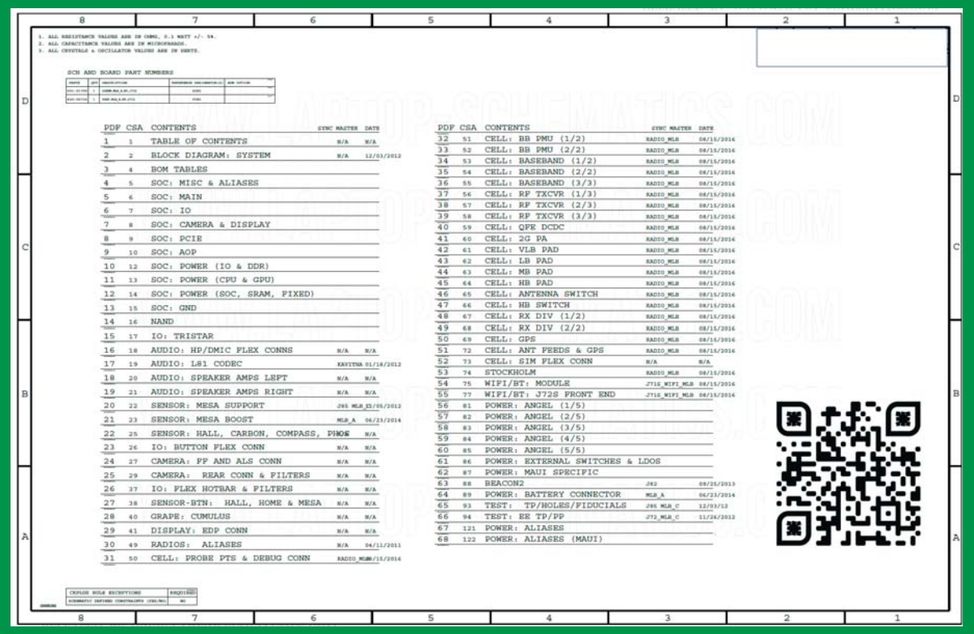
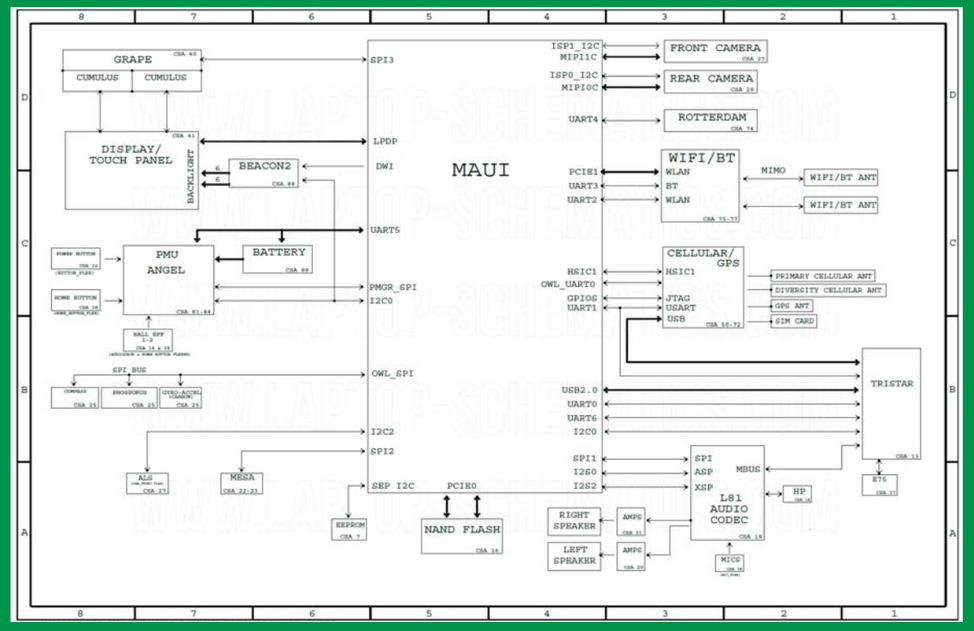






MLB# 820-00725 • iPad 5 A1822 (Wi-Fi)

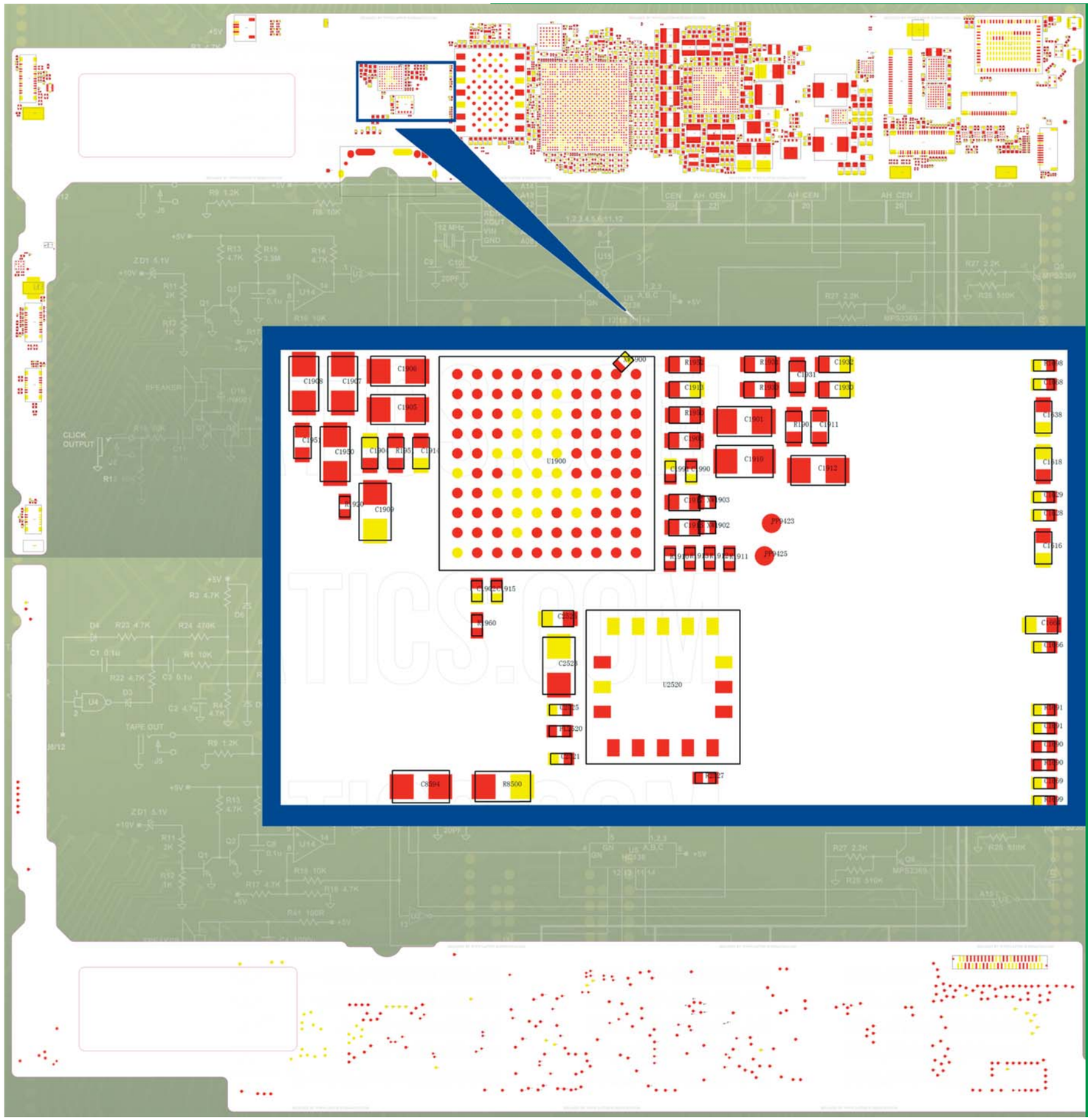
10

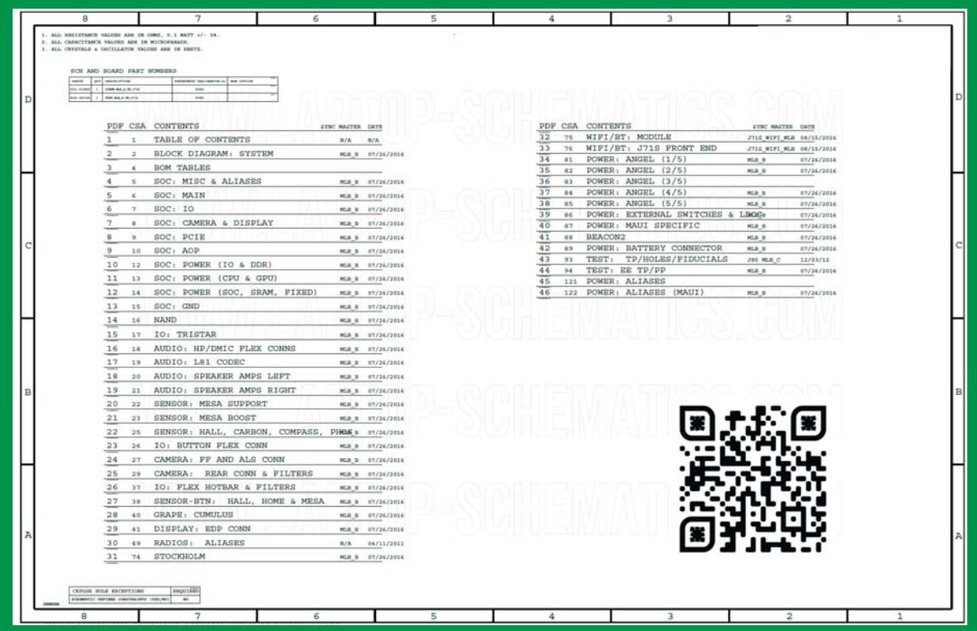
Schematic Diagram + Component Placement Diagram

Schematic Diagram - Searchable PDF file

Component Placement Diagram - 2 PNG files in High Resolution / Unsearchable, but completely readable.

Yellow pads are GROUND, Red ones - Signals / Power / NC. It's not a .BRD (BoardView) file!





PDP	CSA	CONTENTS	SYNC MASTER	DATE
1	1	TABLE OF CONTENTS	N/A	N/A
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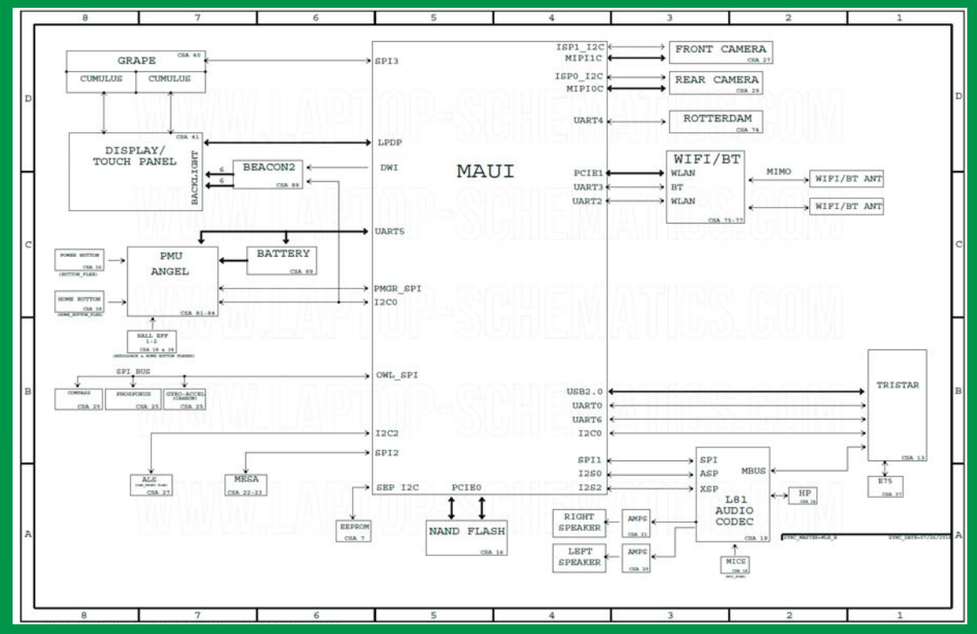
4	5	SOC: MISC & ALIASES	MLB_B	07/26/2014
5	6	SOC: MAIN	MLB_B	07/26/2014
6	7	SOC: IO	MLB_B	07/26/2014
7	8	SOC: CAMERA & DISPLAY	MLB_B	07/26/2014
8	9	SOC: PCIE	MLB_B	07/26/2014
9	10	SOC: AOP	MLB_B	07/26/2014
10	12	SOC: POWER (IO & DDR)	MLB_B	07/26/2014
11	13	SOC: POWER (CPU & GPU)	MLB_B	07/26/2014
12	14	SOC: POWER (SOC, SRAM, FIXED)	MLB_B	07/26/2014
13	15	SOC: GND	MLB_B	07/26/2014
14	16	NAND	MLB_B	07/26/2014
15	17	IO: TRISTAR	MLB_B	07/26/2014
16	18	AUDIO: HP/DMIC FLEX CONNS	MLB_B	07/26/2014
17	19	AUDIO: L81 CODEC	MLB_B	07/26/2014
18	20	AUDIO: SPEAKER AMPS LEFT	MLB_B	07/26/2014
19	21	AUDIO: SPEAKER AMPS RIGHT	MLB_B	07/26/2014
20	22	SENSOR: MESA SUPPORT	MLB_B	07/26/2014
21	23	SENSOR: MESA BOOST	MLB_B	07/26/2014
22	25	SENSOR: HALL, CARBON, COMPASS, PHOS	MLB_B	07/26/2014
23	26	IO: BUTTON FLEX CONN	MLB_B	07/26/2014
24	27	CAMERA: FF AND ALS CONN	MLB_B	07/26/2014
25	29	CAMERA: REAR CONN & FILTERS	MLB_B	07/26/2014
26	37	IO: FLEX HOTBAR & FILTERS	MLB_B	07/26/2014
27	38	SENSOR-BTN: HALL, HOME & MESA	MLB_B	07/26/2014
28	40	GRAPE: CUMULUS	MLB_B	07/26/2014
29	41	DISPLAY: EDP CONN	MLB_B	07/26/2014
30	49	RADIOS: ALIASES	N/A	04/11/2013
31	74	STOCKHOLM	MLB_B	07/26/2014
32	75	WIFI/BT: MODULE	J71S_WIFI_MLB	08/15/2014
33	76	WIFI/BT: J71S FRONT END	J71S_WIFI_MLB	08/15/2014
34	81	POWER: ANGEL (1/5)	MLB_B	07/26/2014
35	82	POWER: ANGEL (2/5)	MLB_B	07/26/2014
36	83	POWER: ANGEL (3/5)		
37	84	POWER: ANGEL (4/5)	MLB_B	07/26/2014
38	85	POWER: ANGEL (5/5)	MLB_B	07/26/2014
39	86	POWER: EXTERNAL SWITCHES & LDOs	MLB_B	07/26/2014
40	87	POWER: MAUI SPECIFIC	MLB_B	07/26/2014
41	88	BEACON2	MLB_B	07/26/2014
42	89	POWER: BATTERY CONNECTOR	MLB_B	07/26/2014
43	93	TEST: TP/HOLES/FIDUCIALS	J85 MLB_C	12/03/12
44	94	TEST: EE TP/PP	MLB_B	07/26/2014
45	121	POWER: ALIASES		
46	122	POWER: ALIASES (MAUI)	MLB_B	07/26/2014



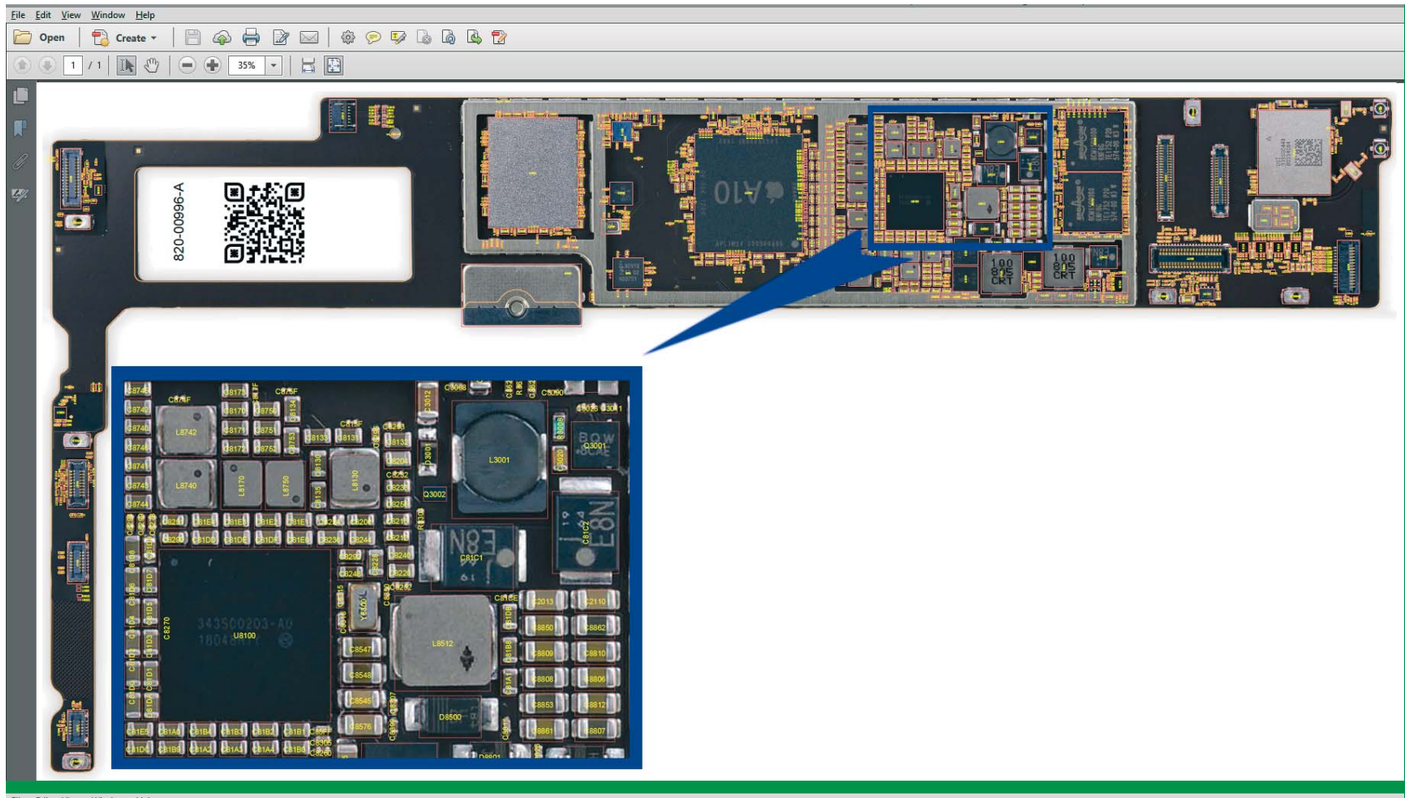
MLB# 820-00996 • iPad 6 A1893 (Wi-Fi)

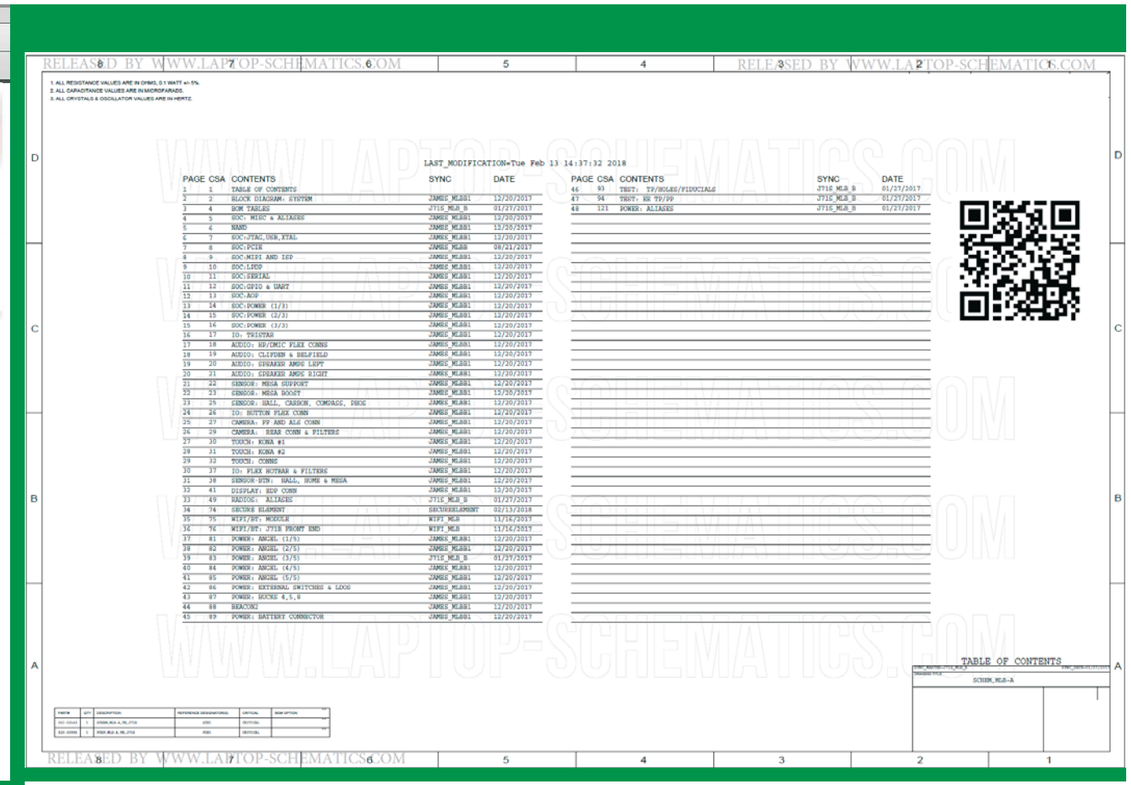
11

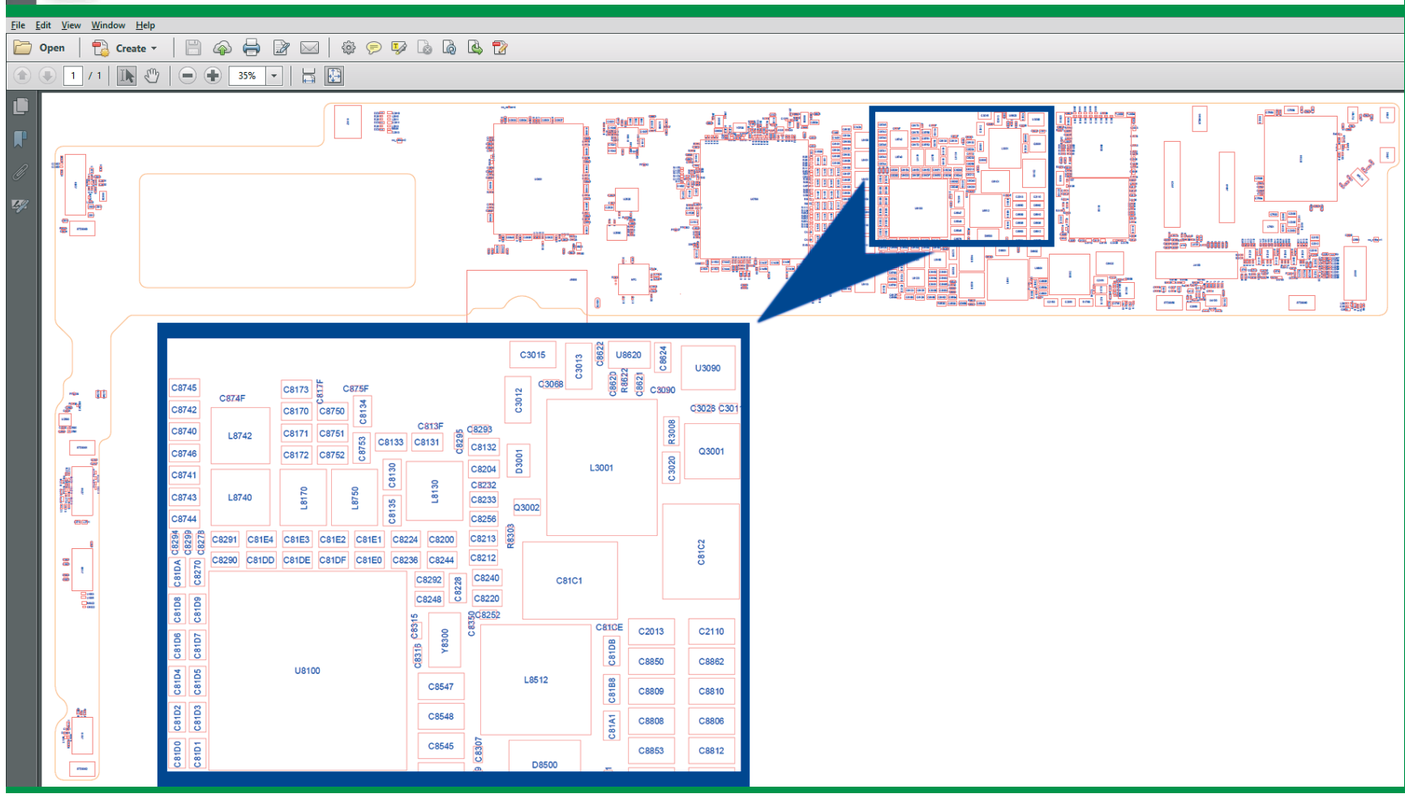
Schematic Diagram + 2 Component Placement Diagrams. Also included high resolution scans of the logic board

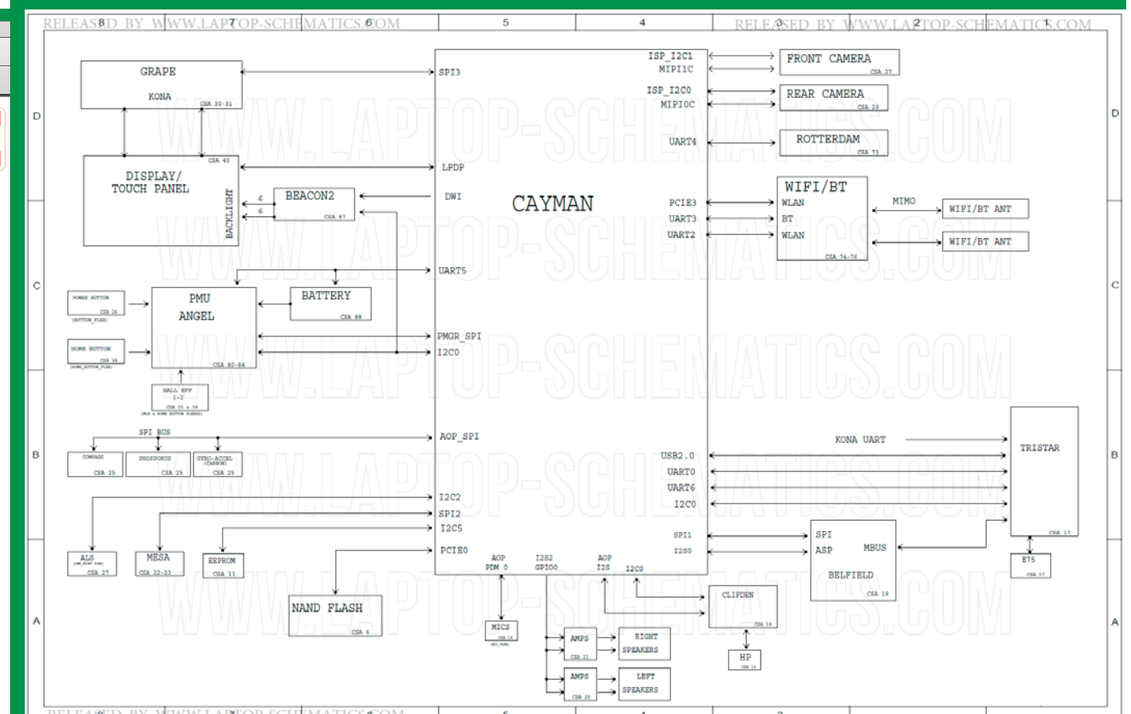
Schematic Diagram - Searchable PDF file

Component Placement Diagrams - Searchable PDF files. It's not .BRD (BoardView) files!







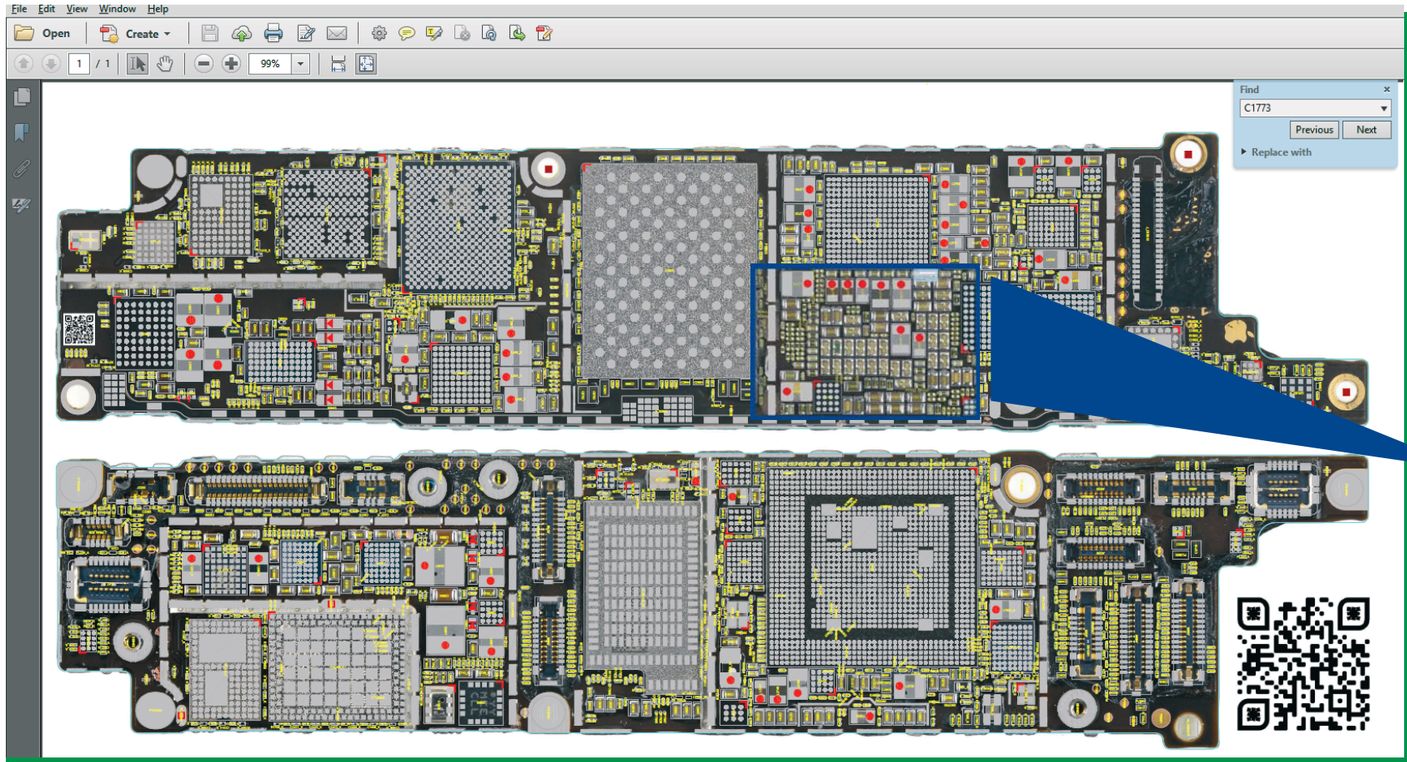


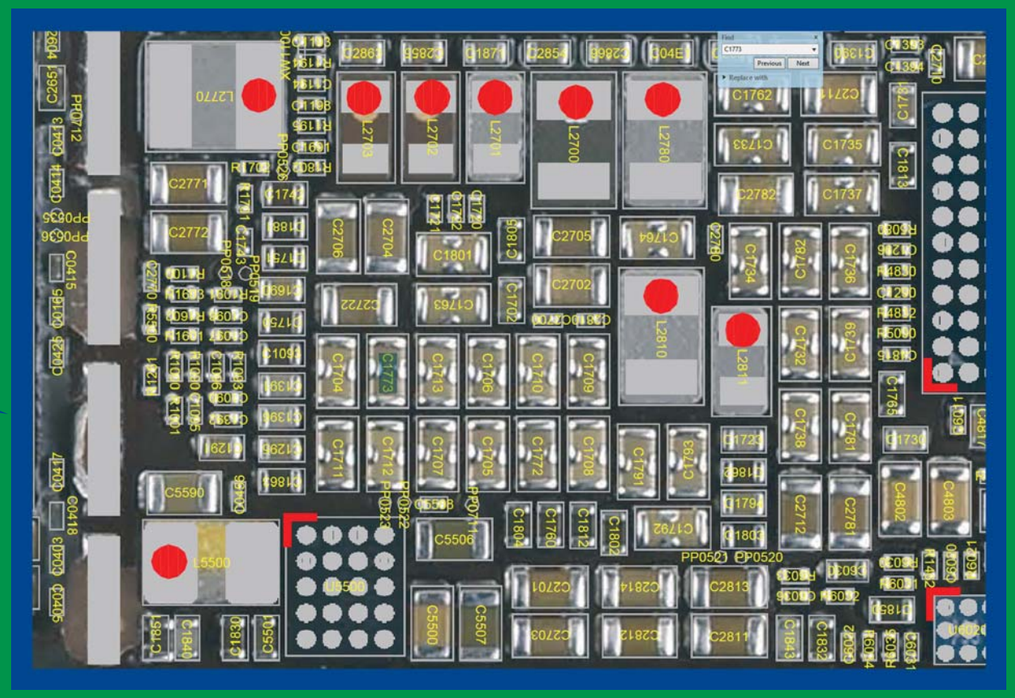
MLB# 820-01209 • iPhone XR

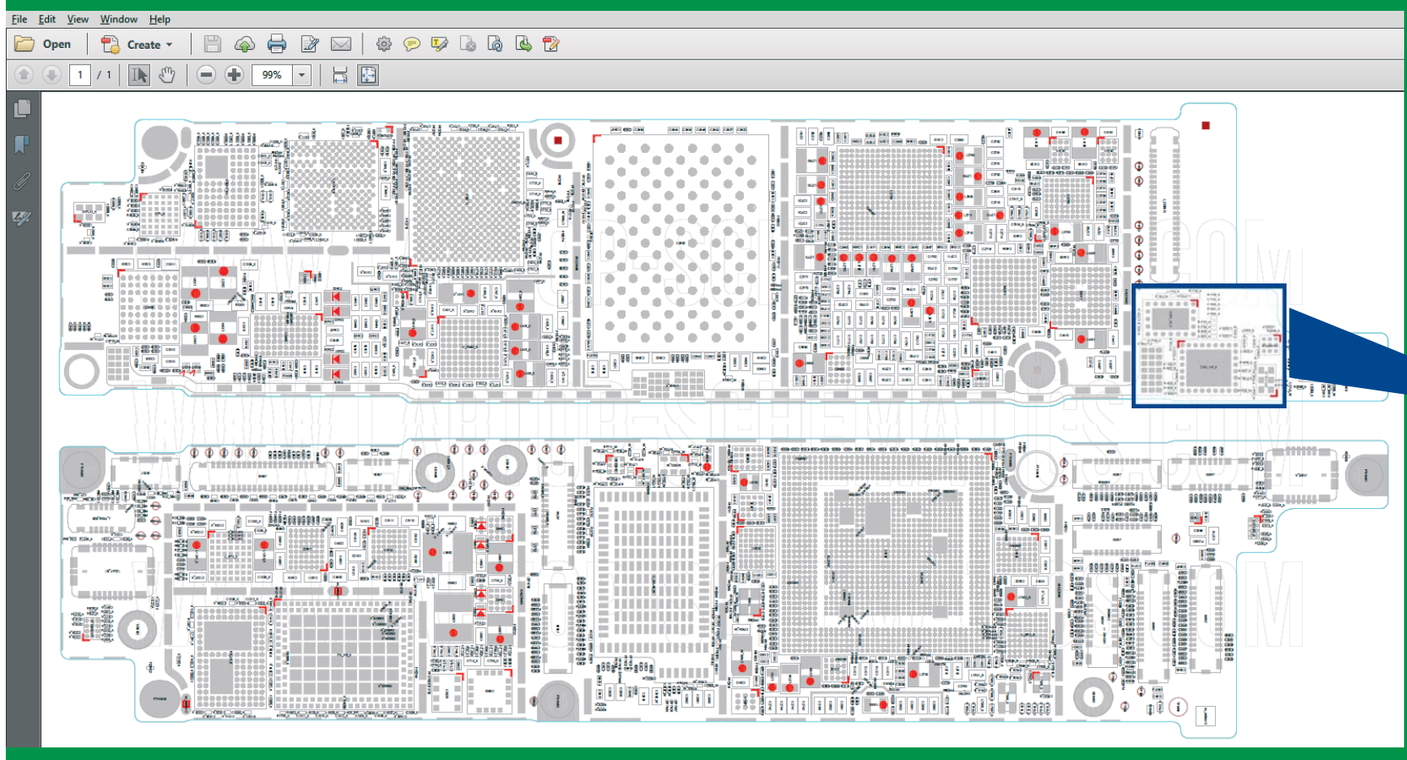
12

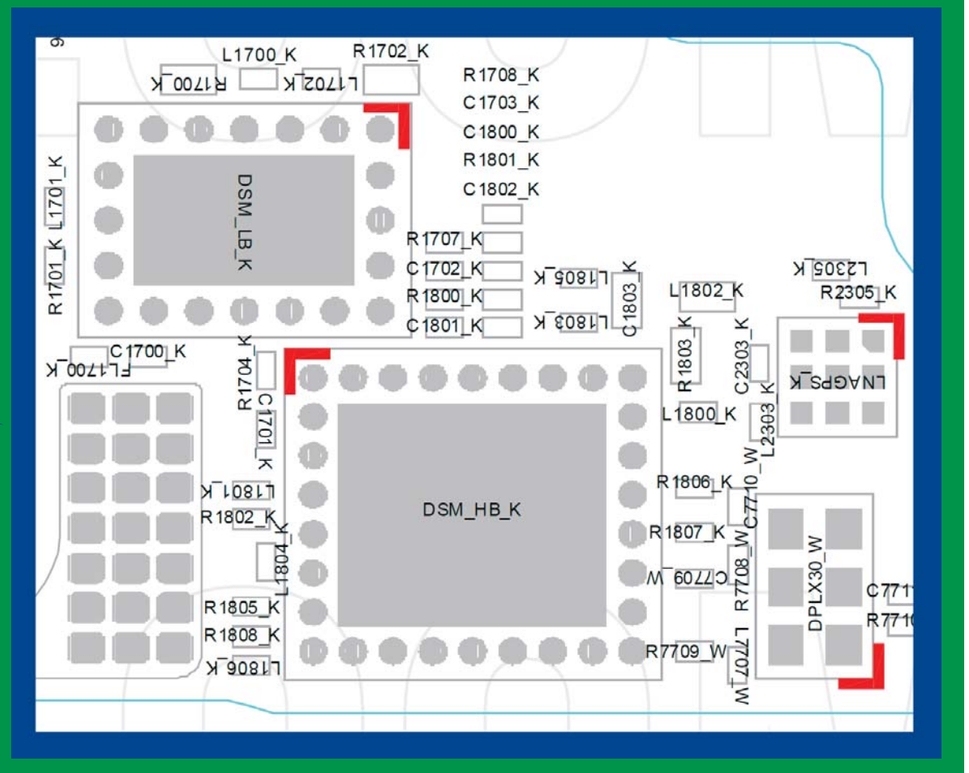
2 Component Placement Diagrams. Also included high resolution scans of the logic board

Component Placement Diagrams - Searchable PDF files.
It's not .BRD (BoardView) files!









MLB# 820-01523 + 820-01525 • iPhone 11

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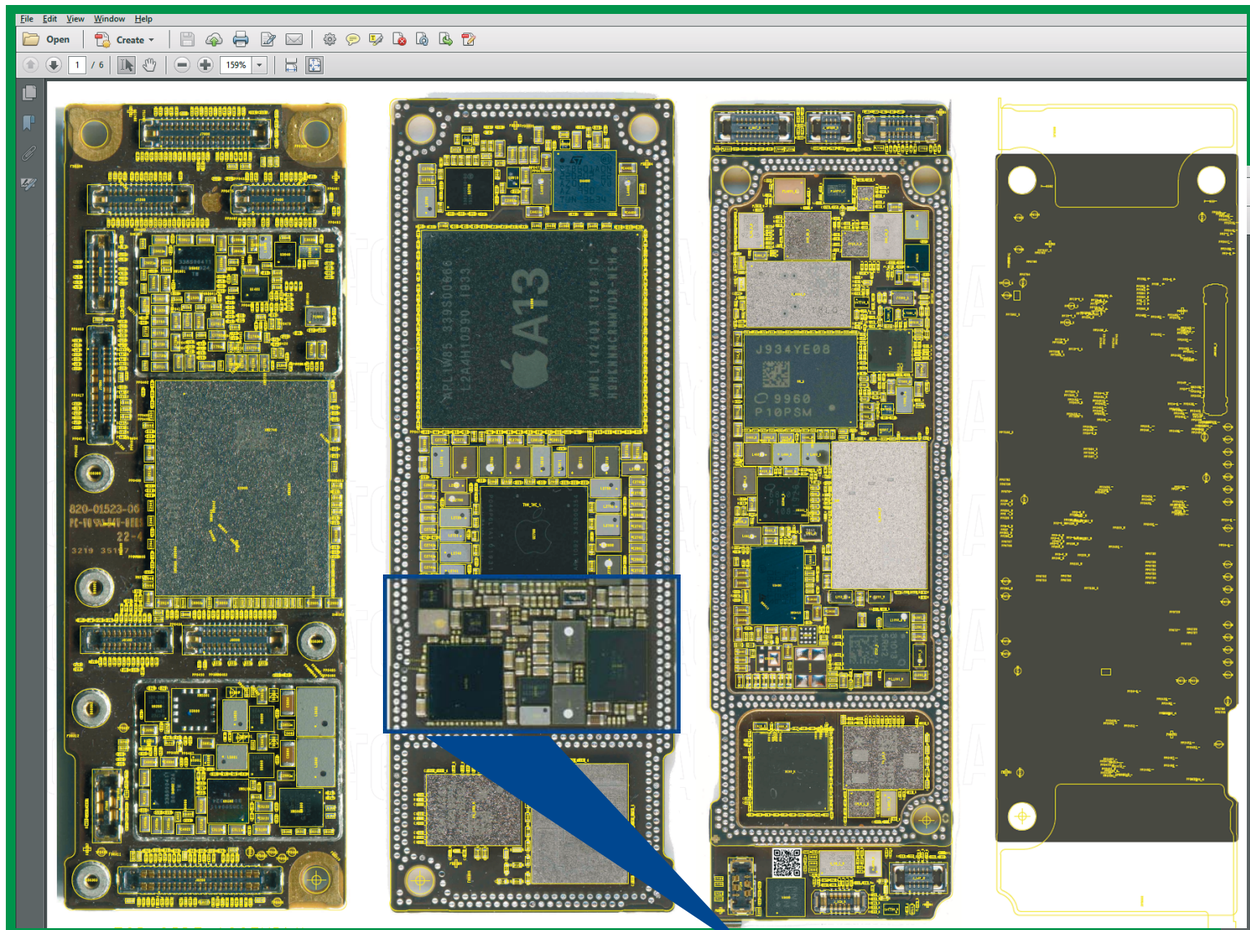
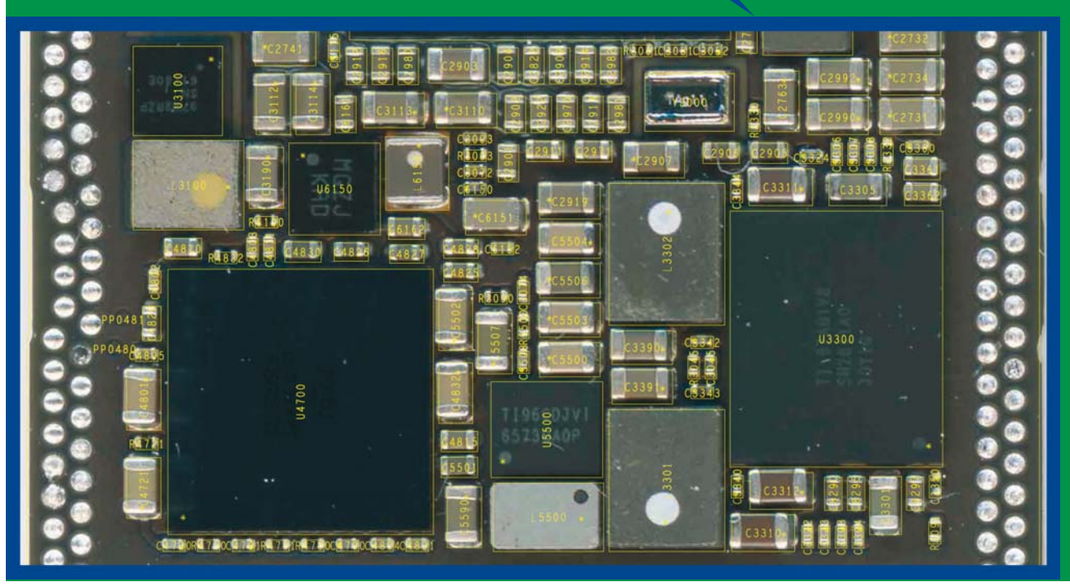
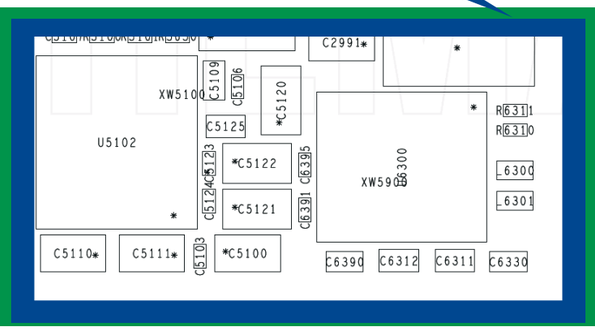
Schematic Diagrams + 2 Component Placement Diagrams. Also included high resolution scans of the logic board

Schematic Diagram - Searchable PDF file
Component Placement Diagrams - Searchable PDF files
It's not .BRD (BoardView) files!

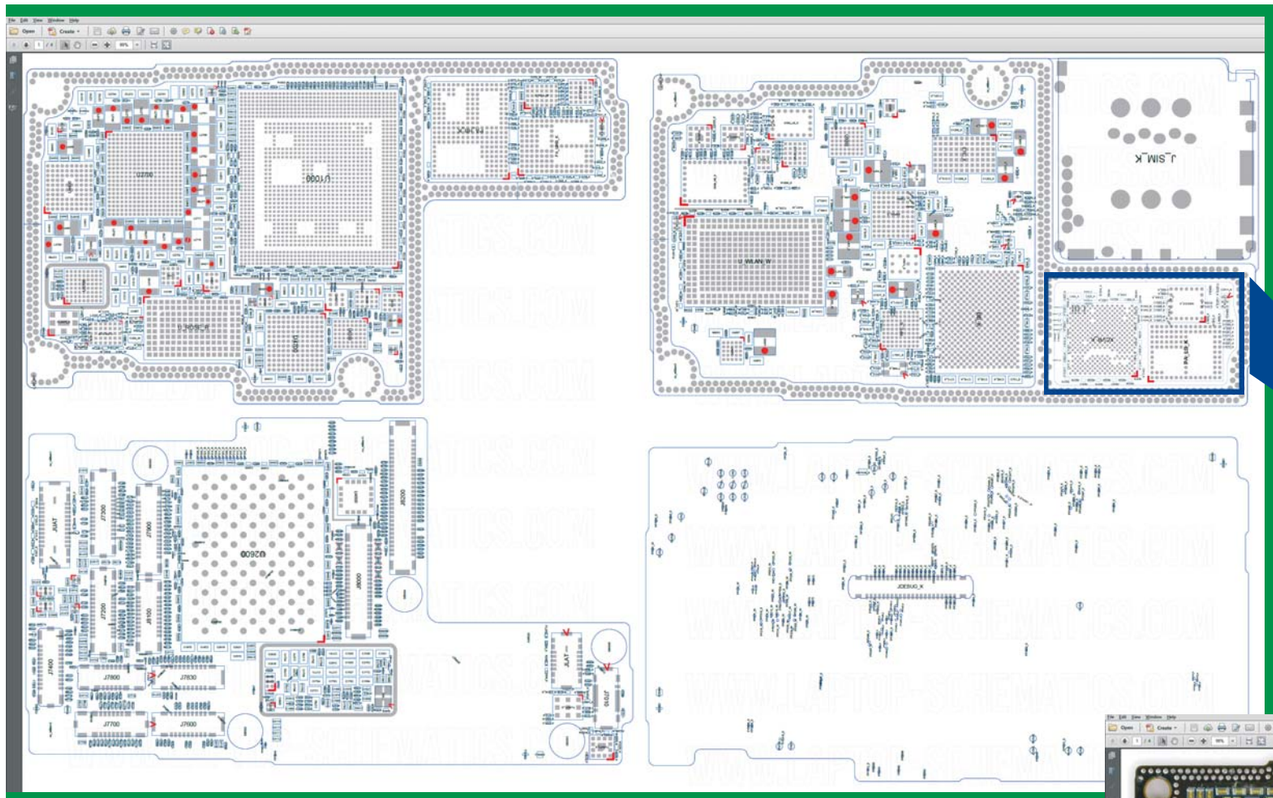
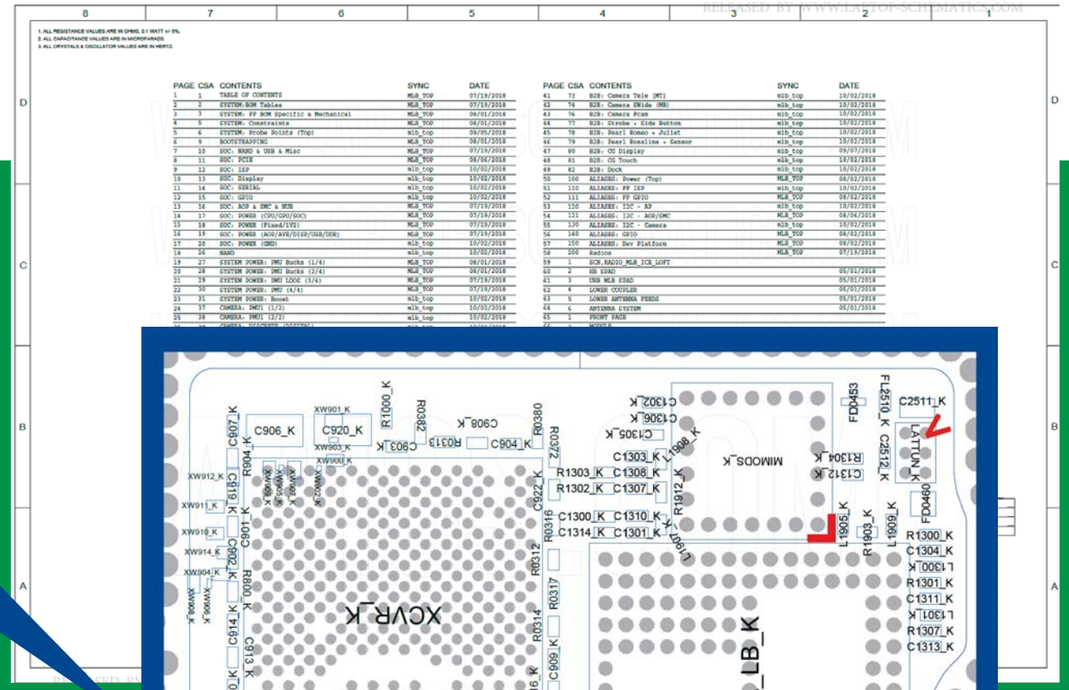
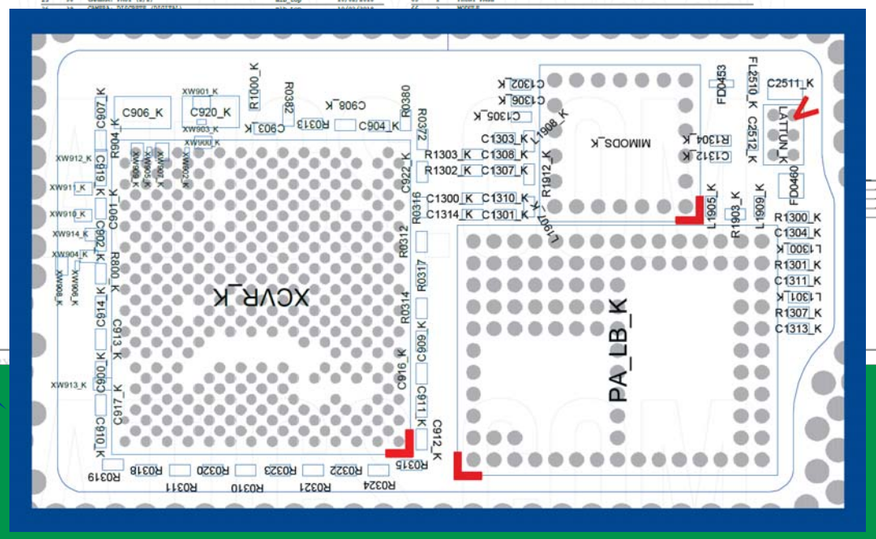
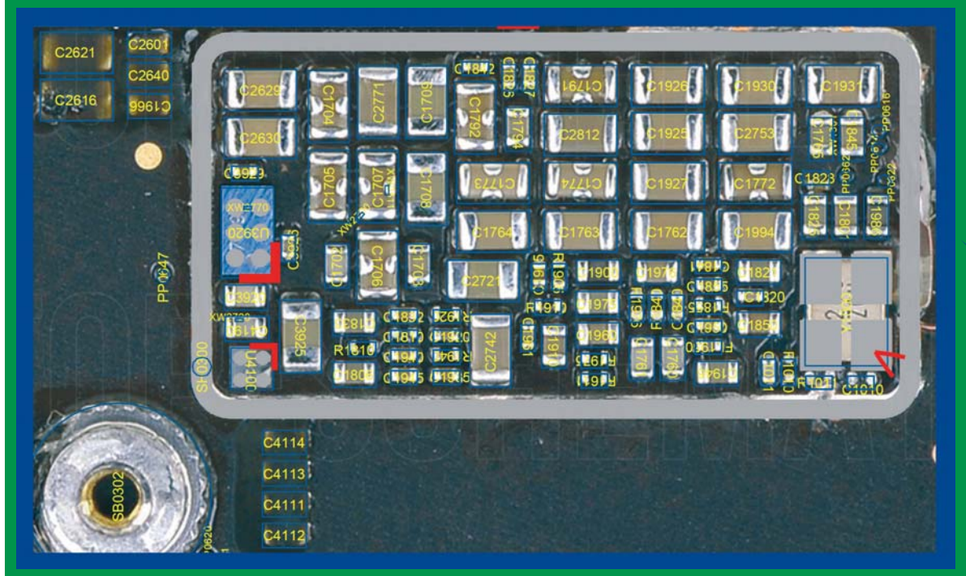
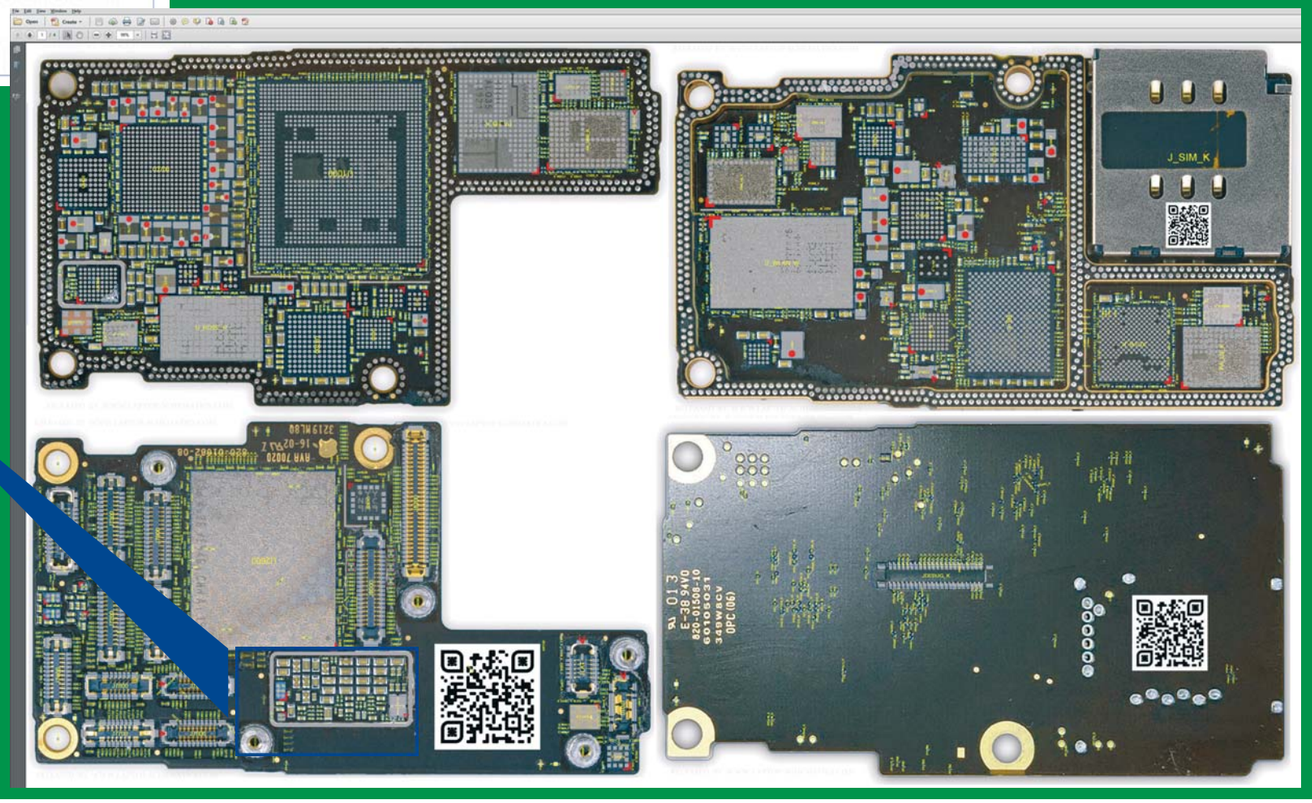






MLB# 820-01508 + 820-01682 • iPhone 11 Pro & Pro Max

14

Schematic Diagrams + 2 Component Placement Diagrams. Also included scanned logic board pictures in High Resolution

Schematic Diagram - Searchable PDF file
Component Placement Diagrams - Searchable PDF files.
It's not .BRD (BoardView) files!