

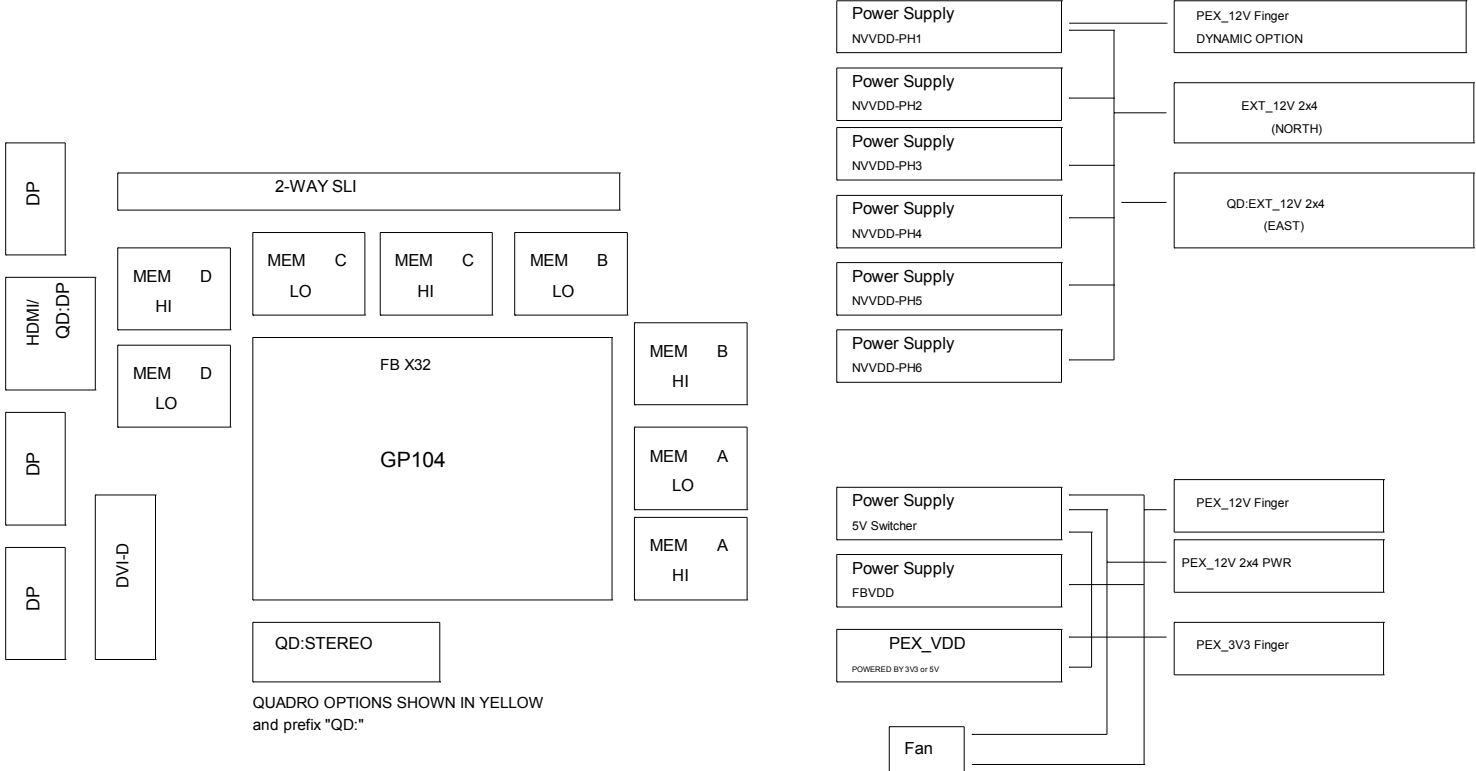
PG411 A01

GP104 - 8GB GDDR5, 256b, 256Mx32  
Tall DVI-D + DP + DP + DP/HDMI + DP

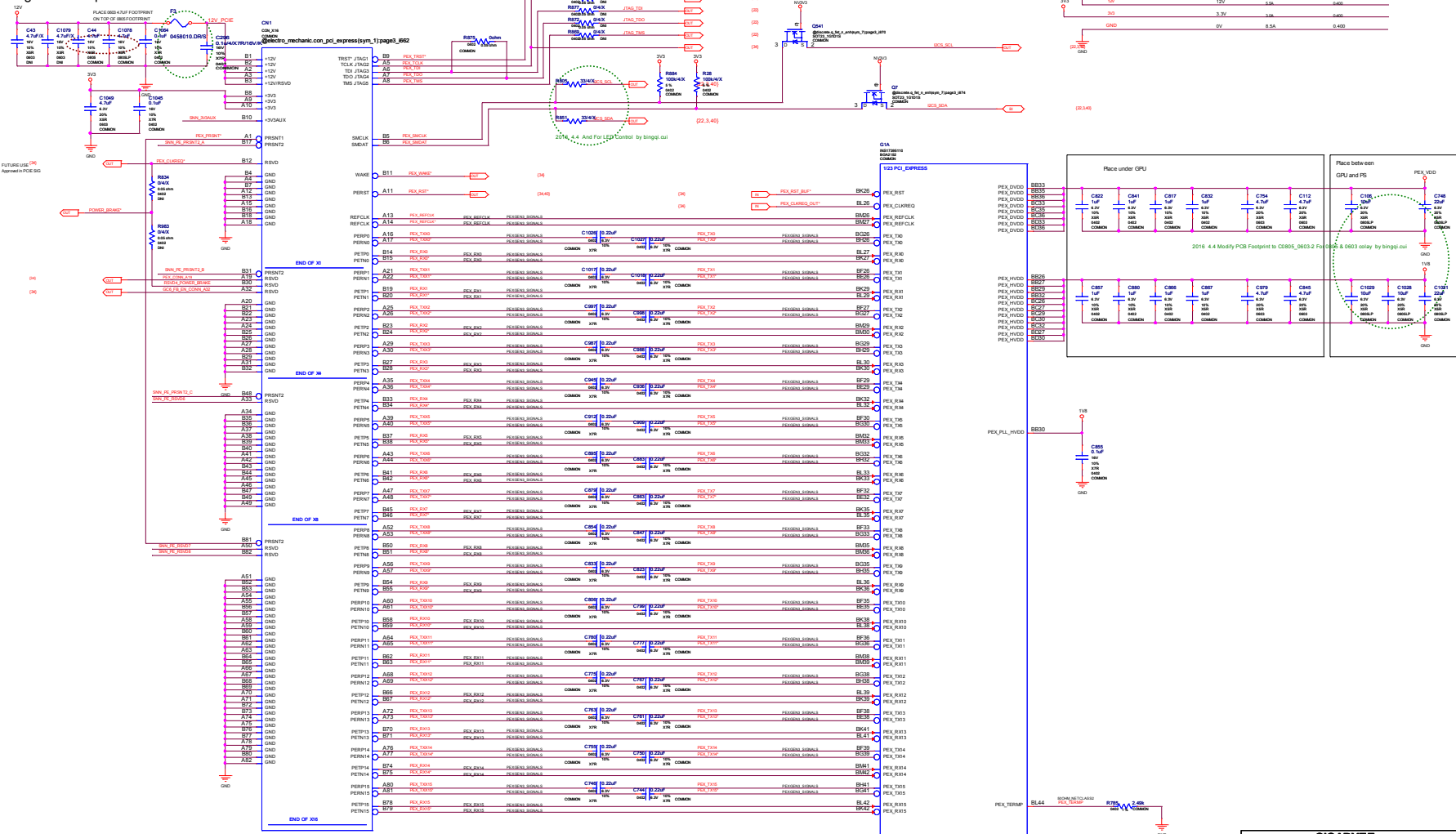
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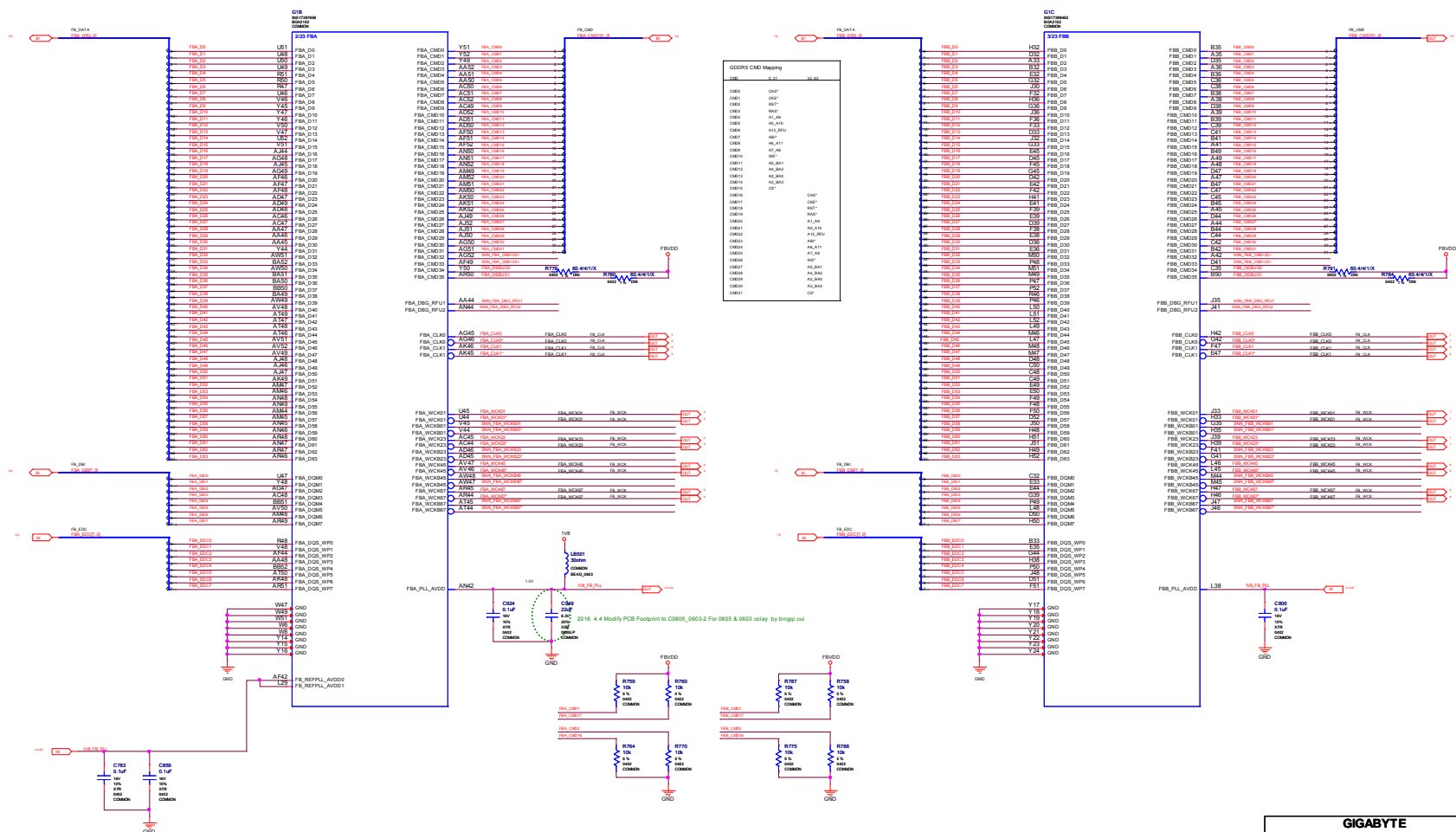
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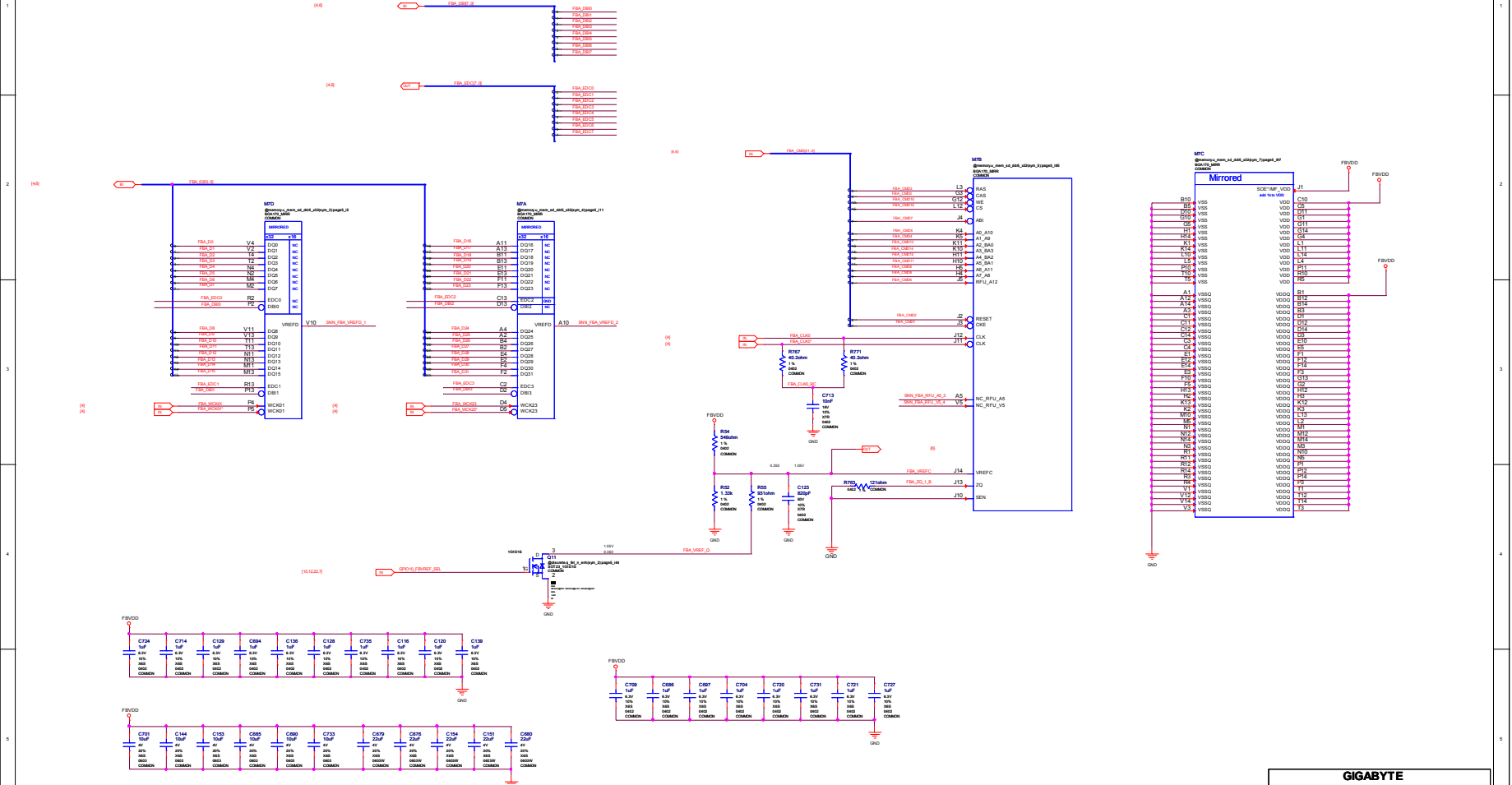
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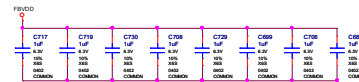


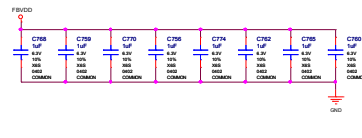
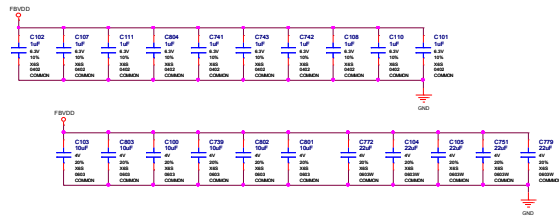
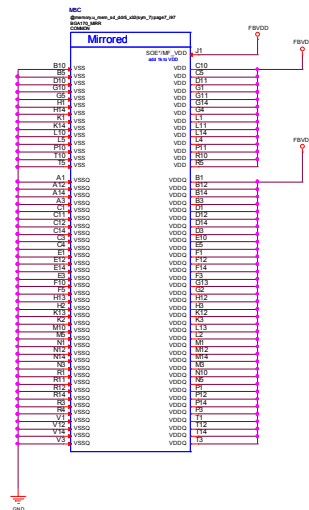
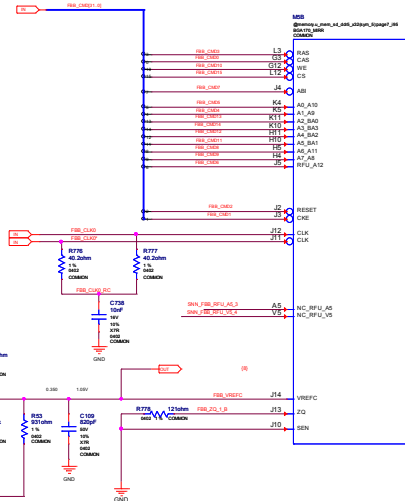
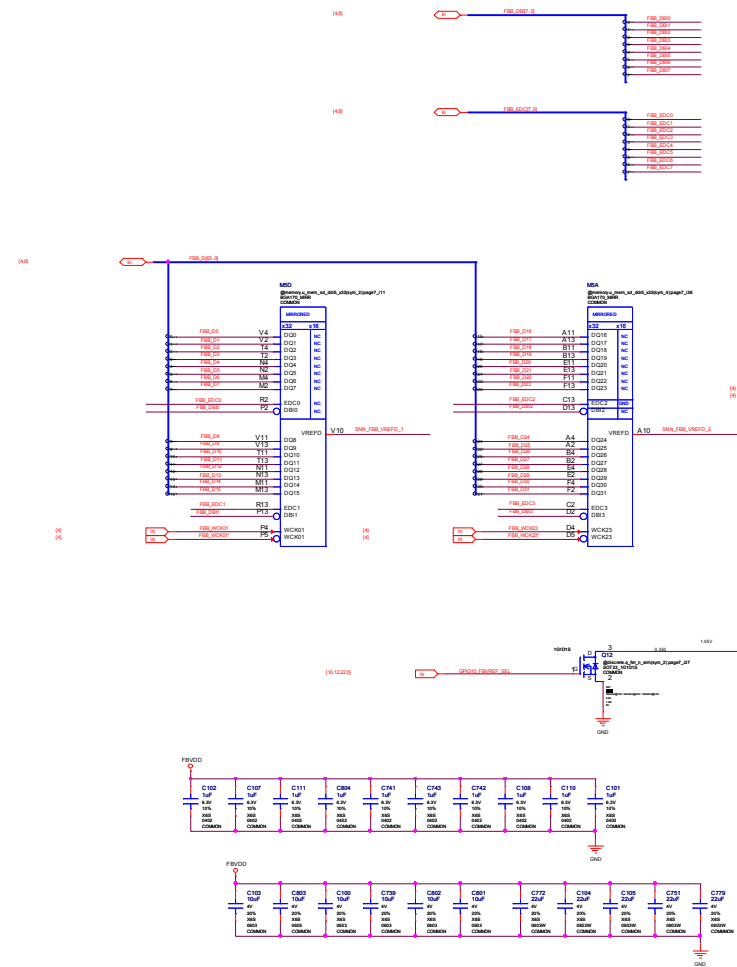
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and prefix "QD:"



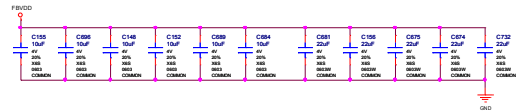




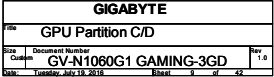


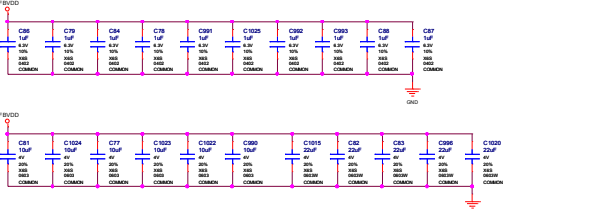
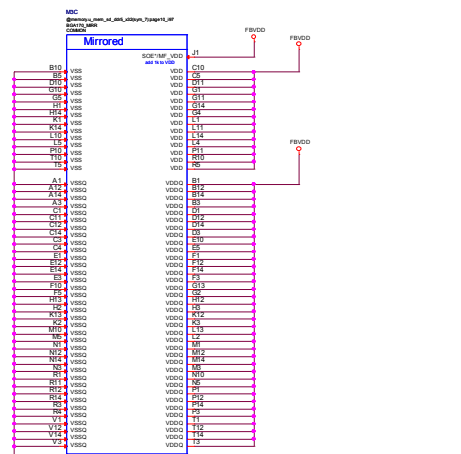
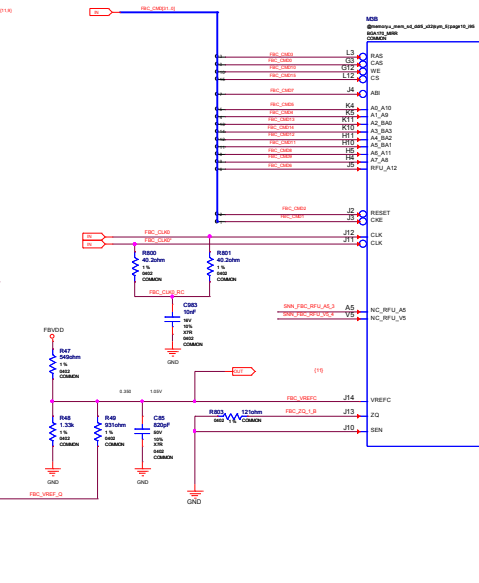
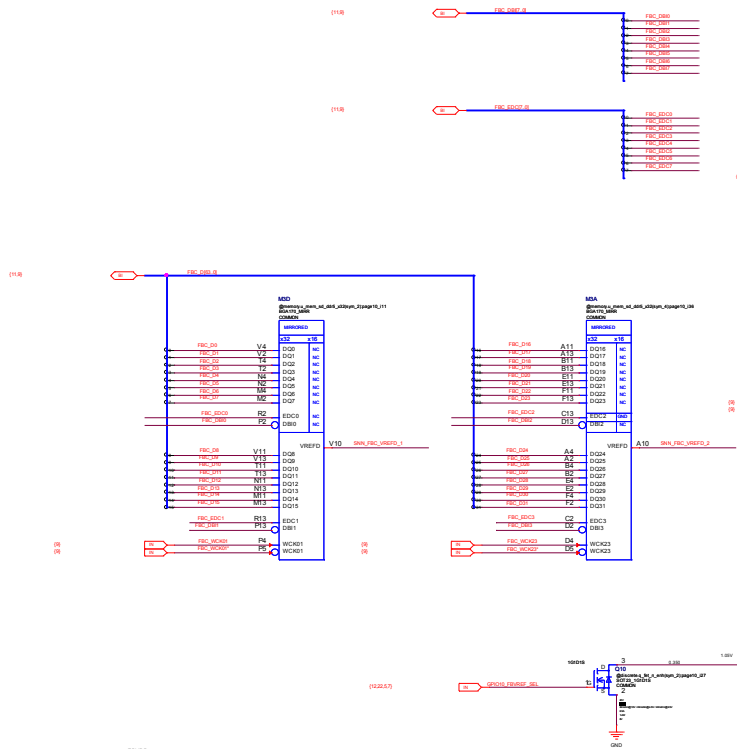


| GIGABYTE   |                             |       |         |
|------------|-----------------------------|-------|---------|
| Doc        | MEMORY: FBB Partition 31..0 |       |         |
| Doc Number | GV-N1060G1 GAMING-3GD       |       |         |
| Rev        | 1.0                         |       |         |
| Date       | Thursday, Aug 18, 2016      | Sheet | 7 of 24 |

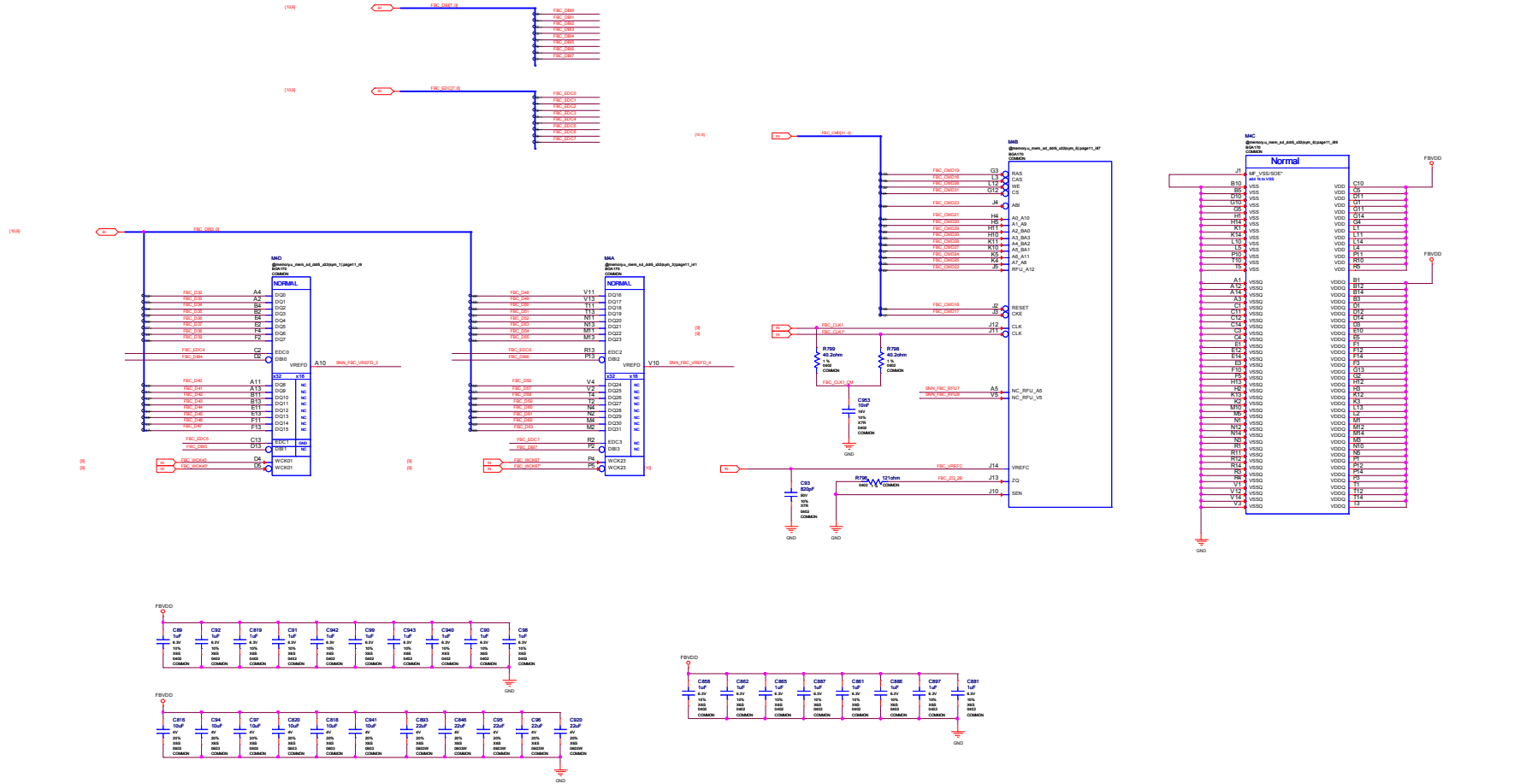


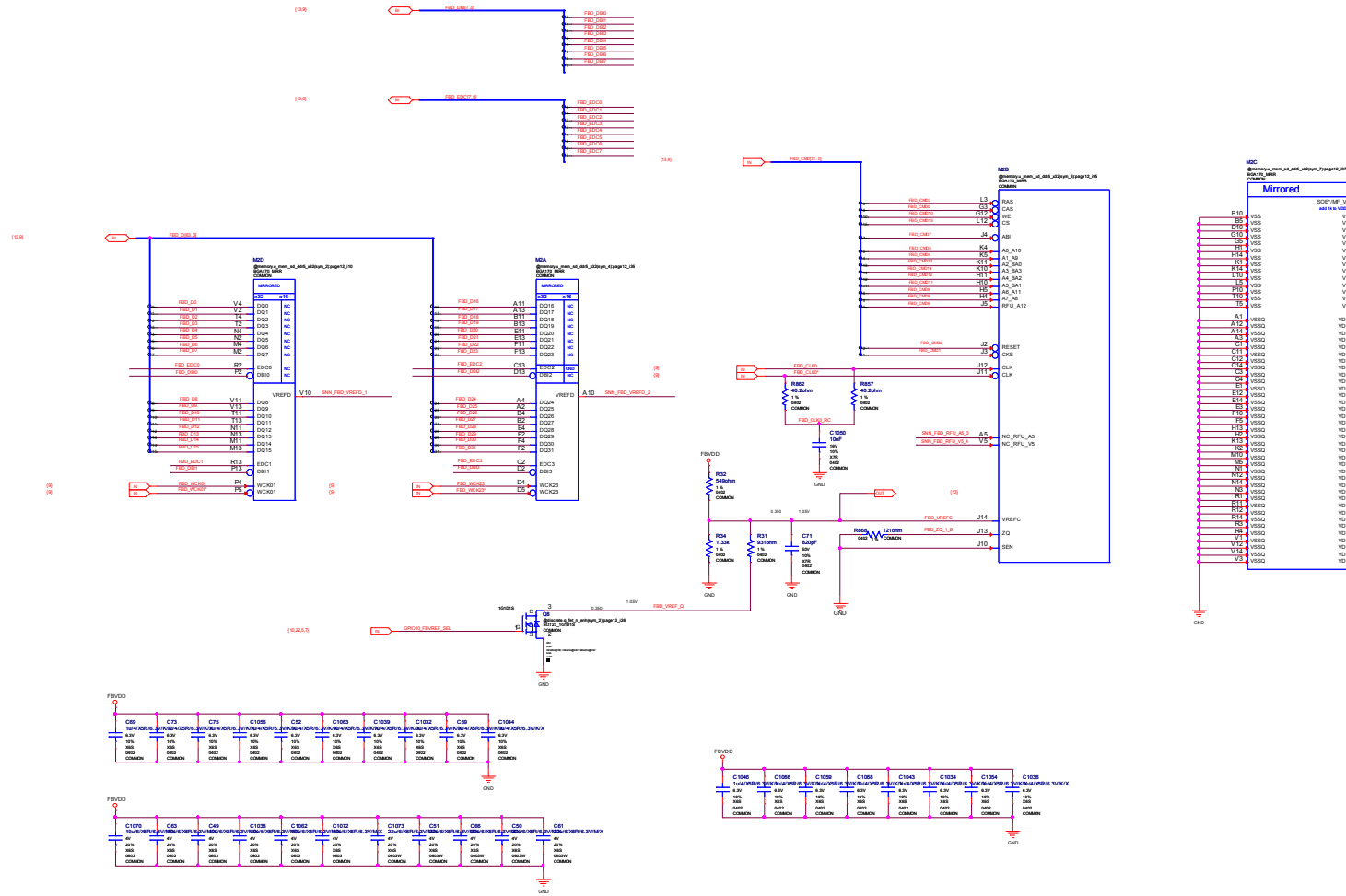
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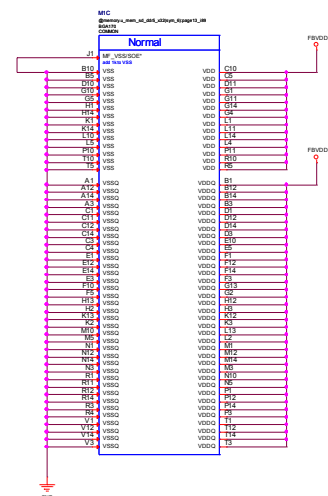
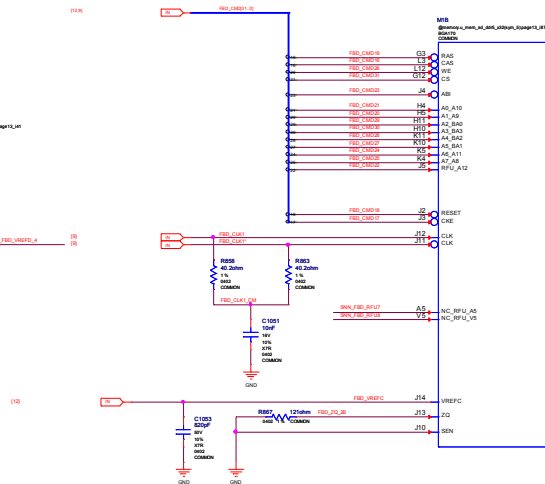
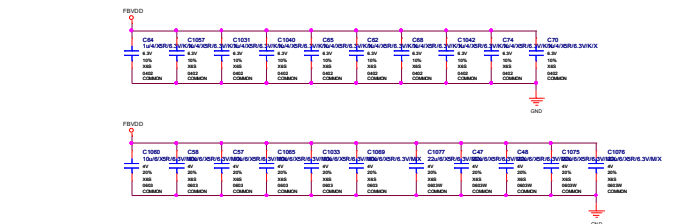




| GIGABYTE                    |                       |        |          |
|-----------------------------|-----------------------|--------|----------|
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| Doc Number                  | GV-N1060G1 GAMING-3GD |        | Rev 1.0  |
| Date                        | 2016.08.18            | Author | 30 of 34 |

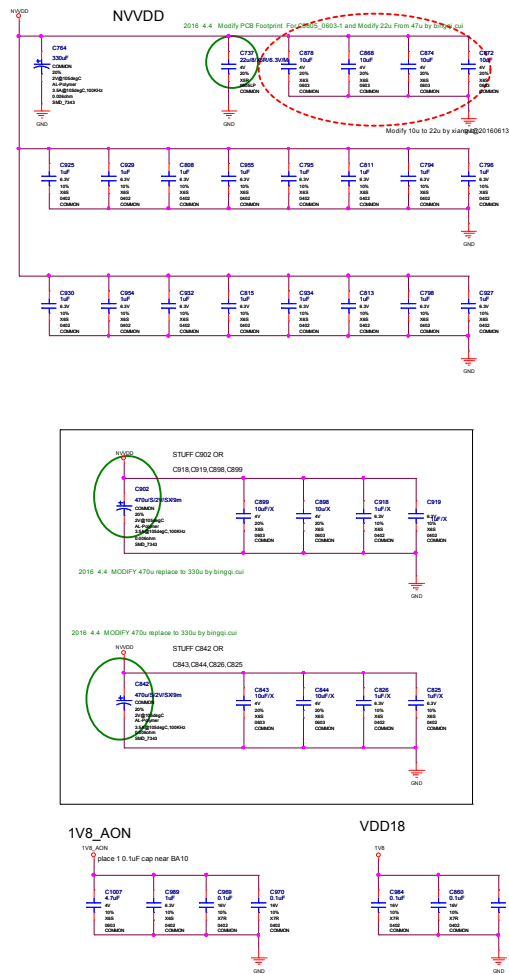
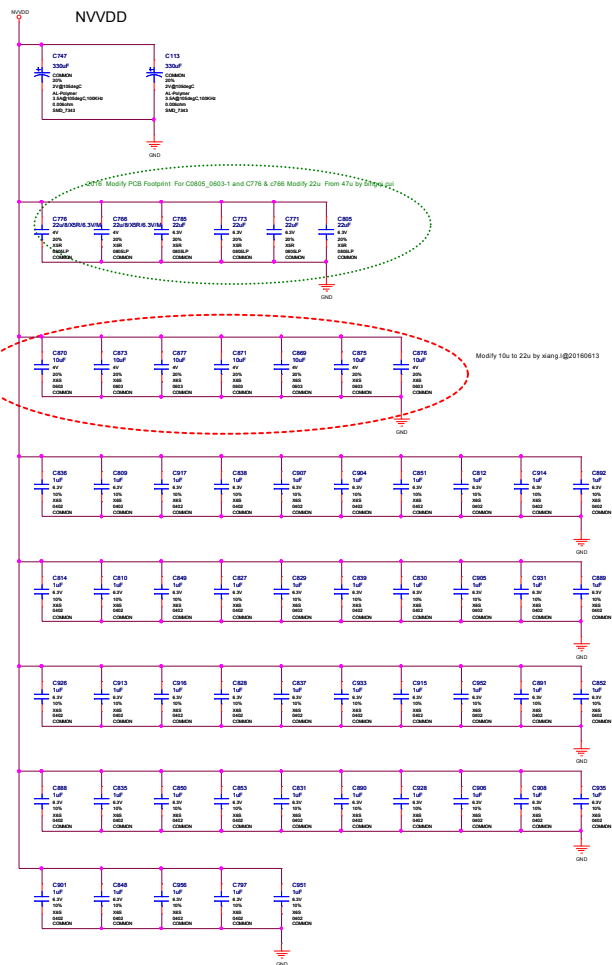
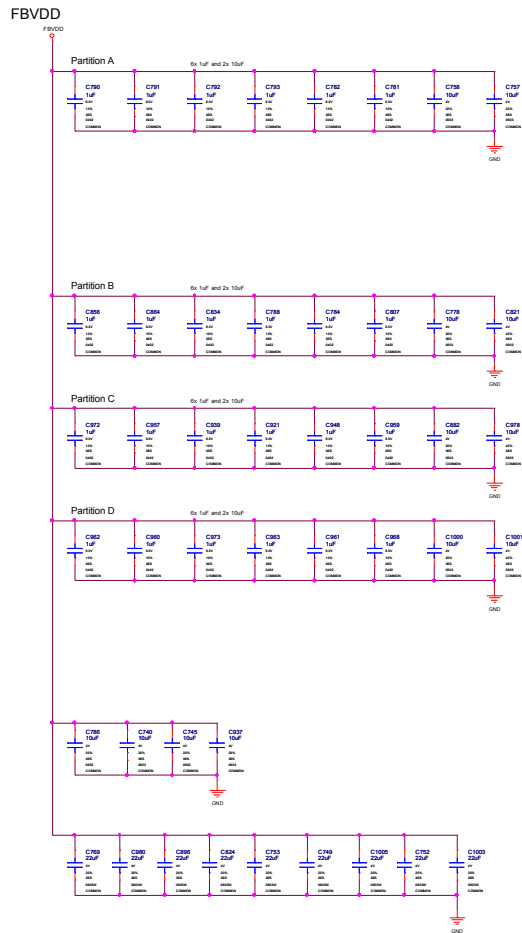






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| File MEMORY: FBD Partition 63..32 |                        |       |          |
| Size                              | Document Number        |       | Rev      |
| 1.44                              | GV-N1060G1 GAMING-3GD  |       | 1.0      |
| Date:                             | Tuesday, July 10, 2018 | Sheet | 13 of 42 |





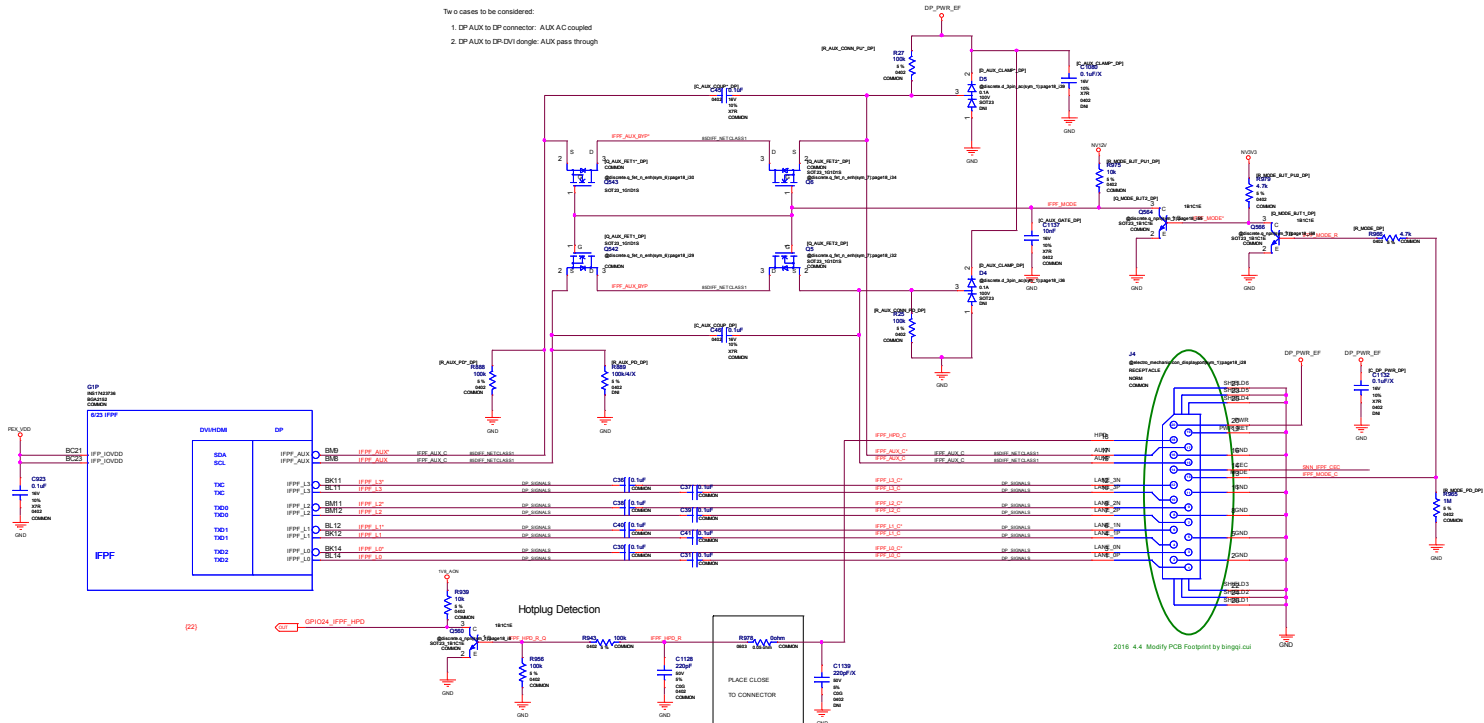
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|------------|-----------------------|-----|-----|
| Doc        | GPU Decoupling        |     | Rev |
| Doc Number | GV-N1060G1 GAMING-3GD |     | 1.0 |
| Date       | 2016.07.15            | Rev | 1.0 |



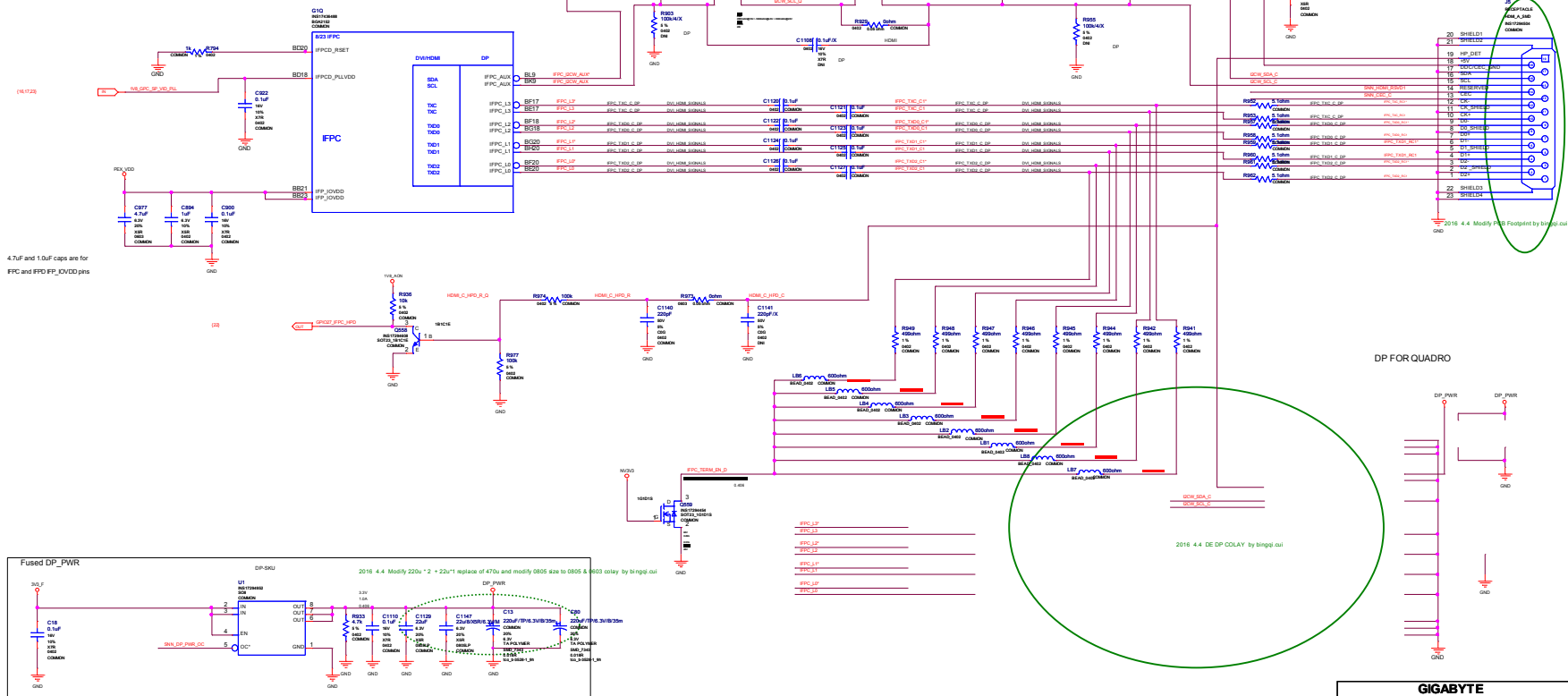
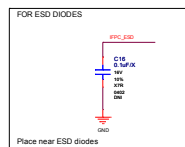
|                     |                                                 |       |          |
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| <b>GIGABYTE</b>     |                                                 |       |          |
| File IFPAB DVI-D-DL |                                                 |       |          |
| Size<br>Custom      | Document Number<br><b>GV-N1060G1 GAMING-3GD</b> |       | Rev<br>1 |
| Date:               | Tuesday, July 10, 2018                          | Sheet | 18 of 42 |



Two cases to be considered:  
1. DP AUX to DP connector: AUX A/C coupled  
2. DP AUX to DP/DVI dongle: AUX pass through



\* J2C to DDC level switching



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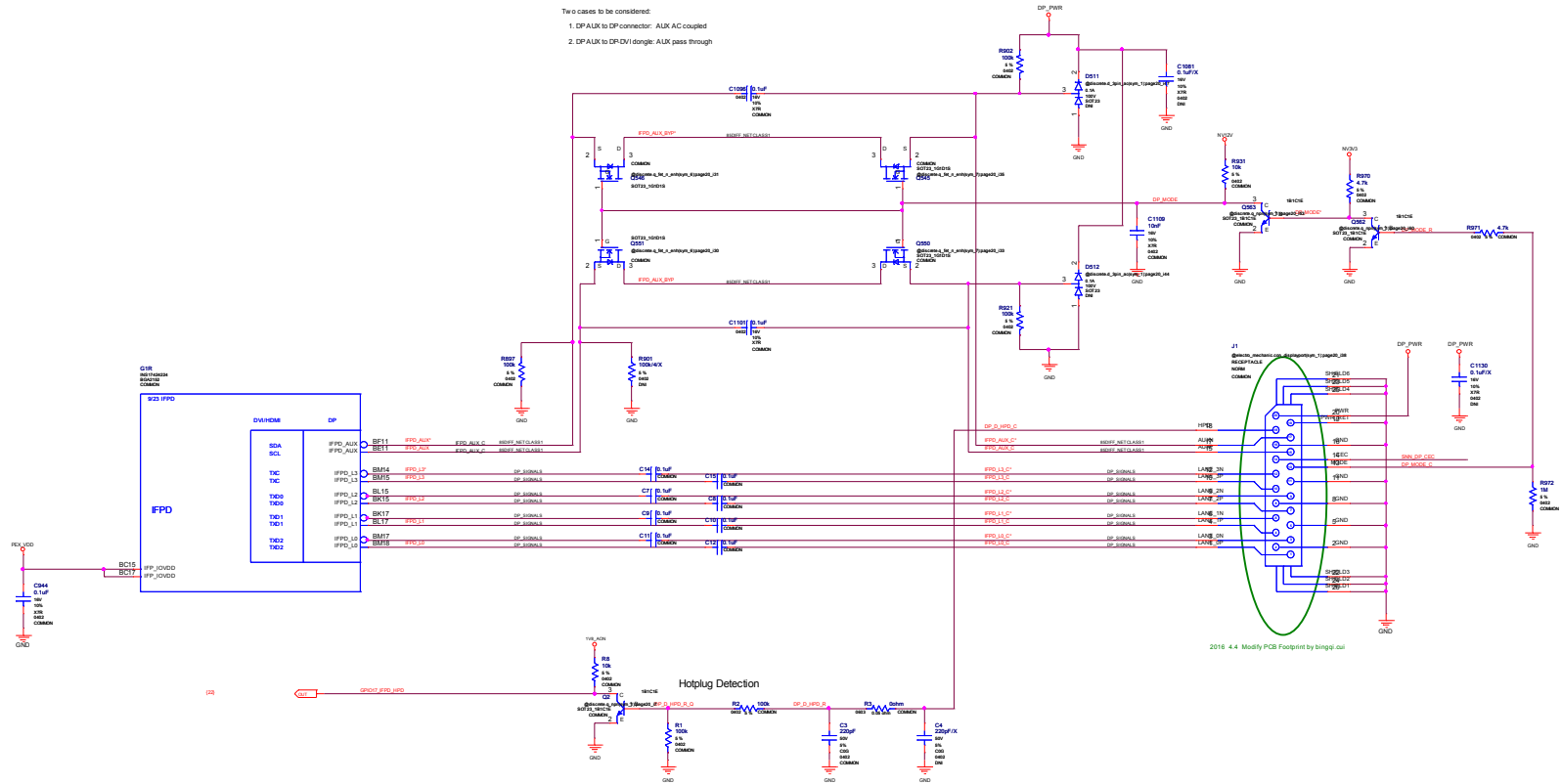
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|-------------|------------------------|
| ASSEMBLY    | <ASSEMBLY_DESCRIPTION> |
| PAGE DETAIL | IFPC HOME 2.0/DP       |

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СКАЧАНО С WWW.SW.BAND - ПРИСОЕДИНЯЙСЯ!

|                                |                                                 |
|--------------------------------|-------------------------------------------------|
| <b>GIGABYTE</b>                |                                                 |
| File IFPC HDMI 2.0             |                                                 |
| Size<br>Custom                 | Document Number<br><b>GV-N1060G1 GAMING-3GD</b> |
| Date<br>Tuesday, July 10, 2018 | Sheet 18 of 45                                  |

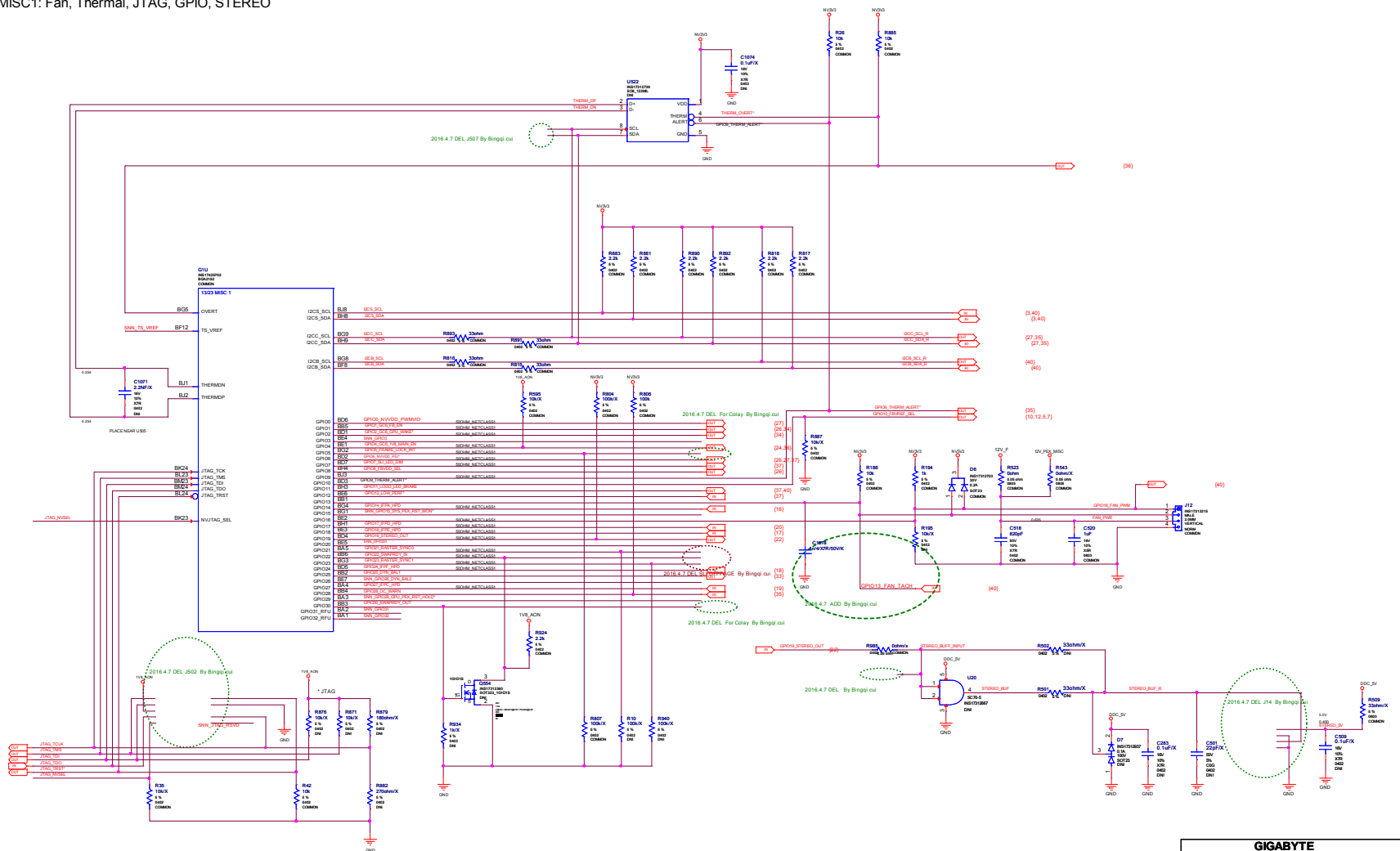
1. DP AUX to DP connector: AUX AC coupled
2. DP AUX to DP DVI dongle: AUX pass through





2016.4.7 Del Co-Lay By Bingqi.cui





| STRAP2 | STRAP1 | STRAP0   | RAMCFG[4:0]      |                    |
|--------|--------|----------|------------------|--------------------|
| L      | L      | L        | 00000            |                    |
| L      | H      | L        | 00010            |                    |
| L      | H      | H        | 00011            |                    |
| H      | H      | L        | 00110            |                    |
| H      | H      | H        | 00111            |                    |
| ROM_SO | ROM_SI | ROM_SCLK | SOR_EXPOSED[3:0] | 1:ENABLE 0:DISABLE |
| L      | L      | L        | 1111 DEFAULT     | SOR0/1/2/3 ENABLE  |
| L      | L      | H        | 1110             |                    |
| L      | H      | L        | 1101             |                    |
| L      | H      | H        | 1100             |                    |
| H      | L      | L        | 1011             |                    |
| H      | L      | H        | 1010             |                    |
| H      | H      | L        | 1001             |                    |
| H      | H      | H        | 1000             |                    |
| L      | L      | M        | 0111             |                    |
| L      | M      | L        | 0110             |                    |
| L      | M      | H        | 0101             |                    |
| L      | H      | M        | 0100             |                    |
| H      | L      | M        | 0011             |                    |
| H      | M      | L        | 0010             |                    |
| H      | M      | H        | 0001             |                    |
| H      | H      | M        | 0000             |                    |

| STRAP5 | STRAP4 | STRAP3 | SMB_ALT_ADDR | DEVID_SEL | PCIE_CFG | VGA_DEVICE |
|--------|--------|--------|--------------|-----------|----------|------------|
| M      | H      | H      | 1            | 1         | 1        | 1          |
| M      | H      | L      | 1            | 1         | 1        | 0          |
| M      | L      | H      | 1            | 1         | 0        | 1          |
| M      | L      | L      | 1            | 1         | 0        | 0          |
| L      | H      | M      | 1            | 0         | 1        | 1          |
| L      | M      | H      | 1            | 0         | 1        | 0          |
| L      | M      | L      | 1            | 0         | 0        | 1          |
| L      | L      | M      | 1            | 0         | 0        | 0          |
| H      | H      | H      | 0            | 1         | 1        | 1          |
| H      | H      | L      | 0            | 1         | 1        | 0          |
| H      | L      | H      | 0            | 1         | 0        | 1          |
| H      | L      | L      | 0            | 1         | 0        | 0          |
| L      | H      | H      | 0            | 0         | 1        | 1          |
| L      | H      | L      | 0            | 0         | 1        | 0          |
| L      | L      | H      | 0            | 0         | 0        | 1          |
| L      | L      | L      | 0            | 0         | 0        | 0          |

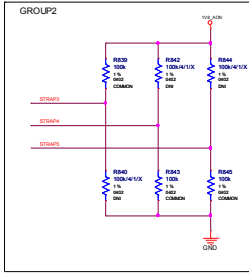
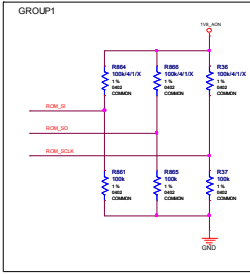
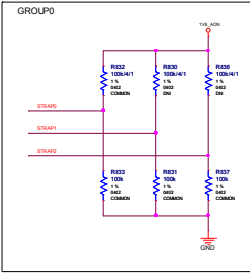
H=High :Tied to 1.8V  
M=Middle:Tied to 0.9V  
L=Low :Tied to 0V

1:SMB\_ALT\_ADDR ENABLE  
0:SMB\_ALT\_ADDR DISABLE

1:PCIE\_CFG LOW POWER  
0:PCIE\_CFG HIGH POWER

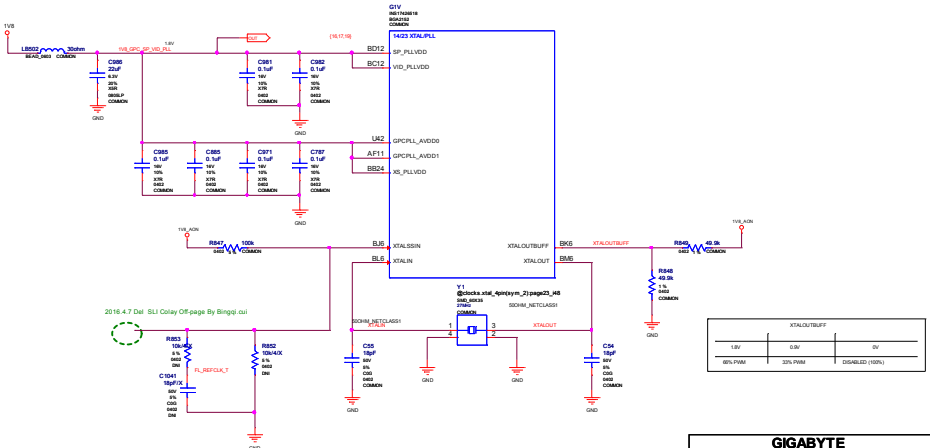
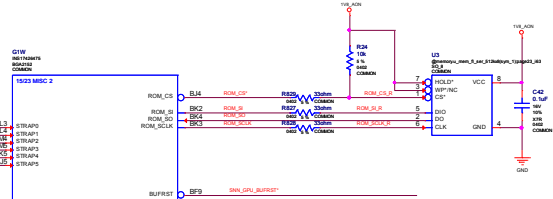
1:DEVID\_SEL REBRAND  
0:DEVID\_SEL ORIGINAL

0:VGA\_DEVICE DISABLE



CFG[3:0] Config With Vendor

|      |                         |
|------|-------------------------|
| 0000 | 256M:32 256-bit Samsung |
| 0001 | 256M:32 256-bit Micron  |
| 0010 | 256M:32 256-bit Hynix   |
| 0011 | Reserved                |
| 0100 | Reserved                |
| 0101 | Reserved                |
| 0110 | Reserved                |
| 0111 | Reserved                |



| XTALOUTBUFF |         |                 |
|-------------|---------|-----------------|
| 1.8V        | 0.9V    | 0V              |
| 80% PPM     | 30% PPM | DISABLED (100%) |

**GIGABYTE**

Part  
**MSC2: ROM, XTAL, Straps**

Doc Number  
**GV-N1060G1 GAMING-3GD**

Rev  
**1.0**

Date  
**1/20/2018**

Rev  
**23**

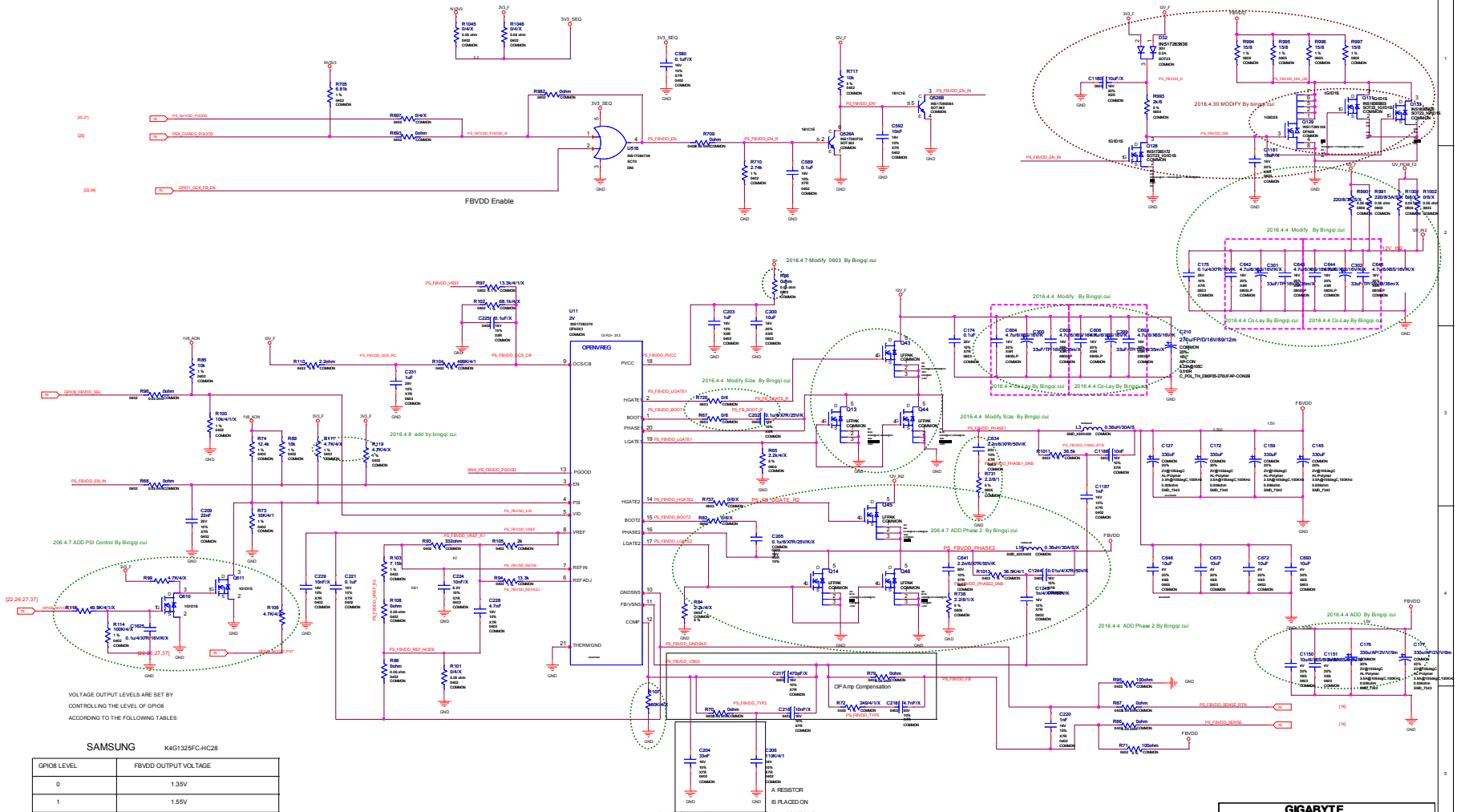
of  
**24**



## PEX PLL Switcher



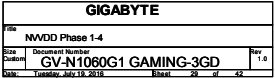
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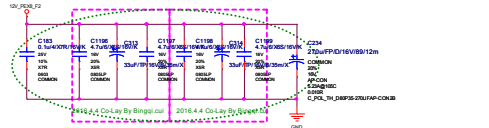
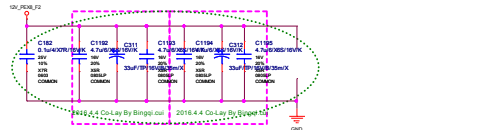


| GIGABYTE |                       |       |          |
|----------|-----------------------|-------|----------|
| Rev      | FBVDD                 |       |          |
| Doc Name | GV-N1060G1 GAMING-3GD |       |          |
| Date     | 11/20/2016            | Sheet | 36 of 42 |



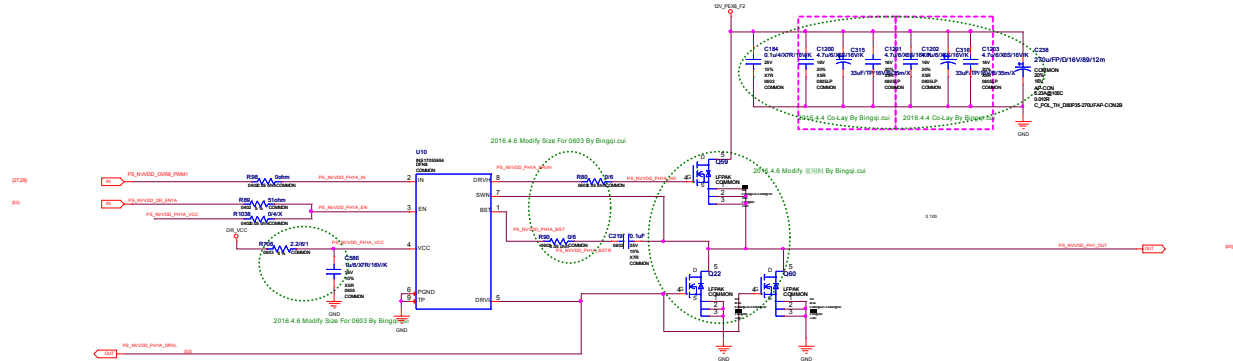


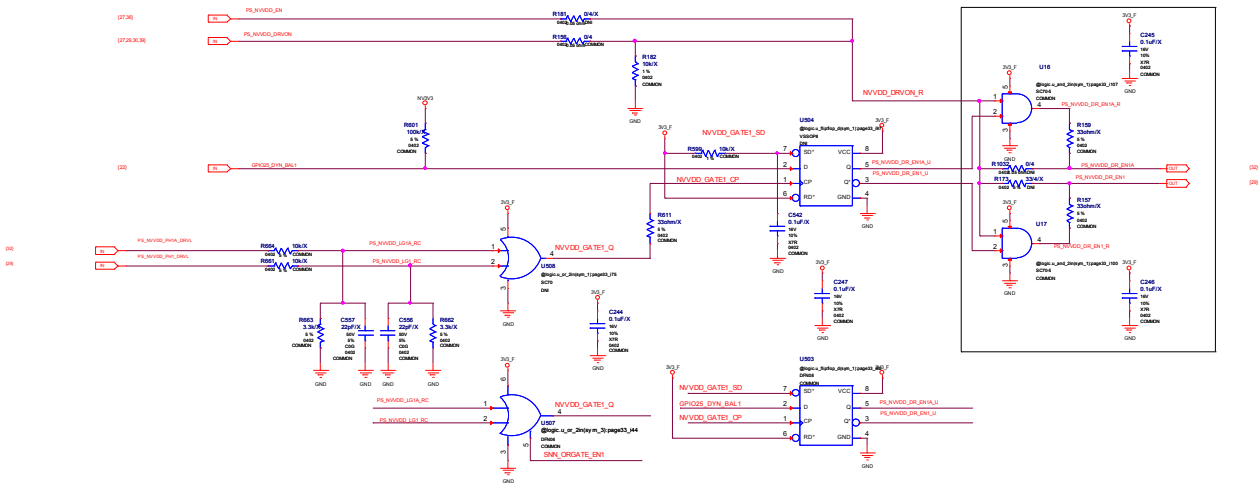


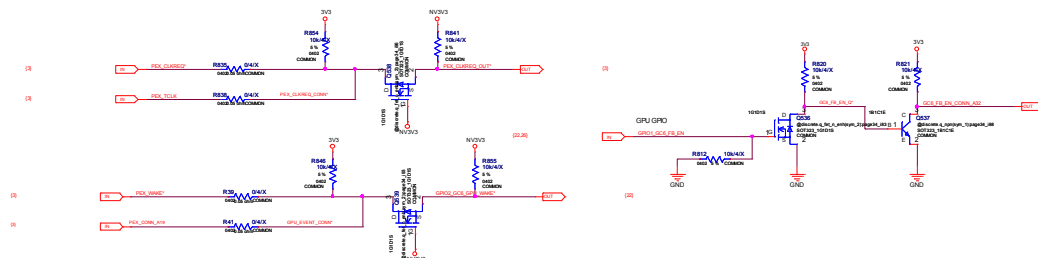
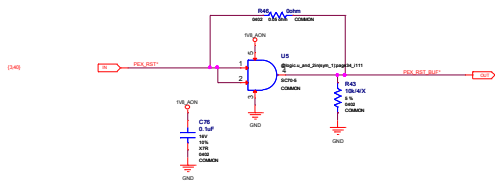


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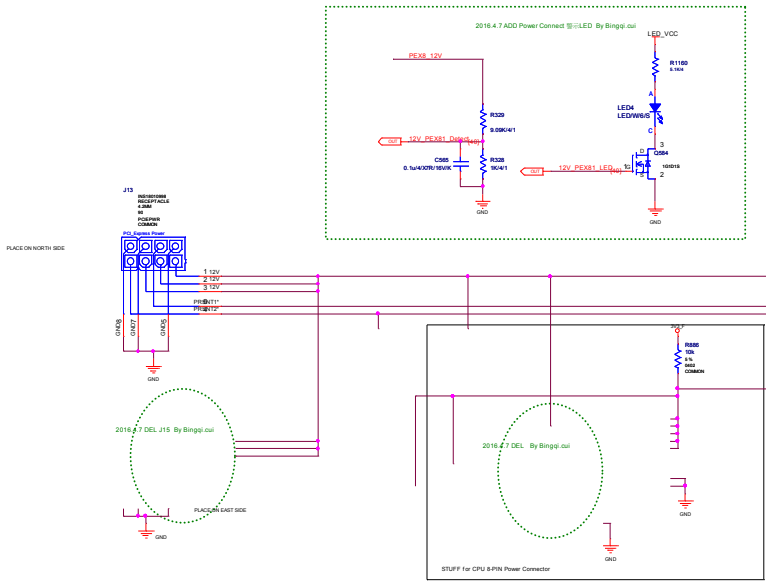
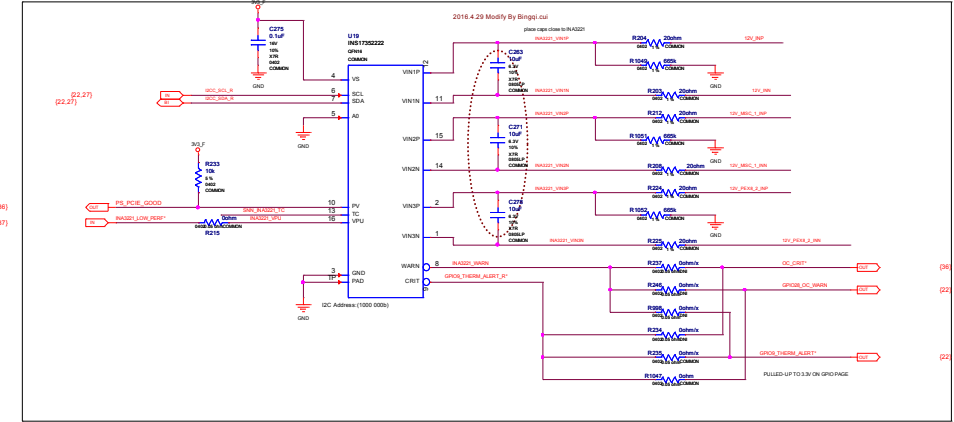




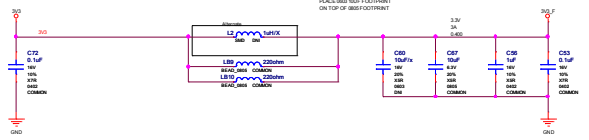




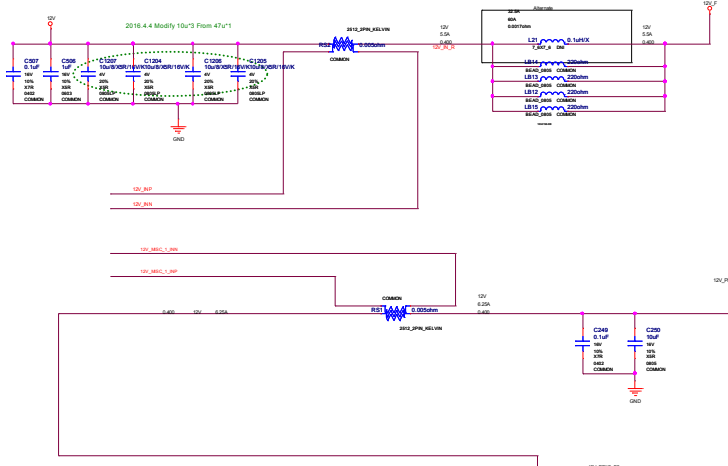
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| Size<br>Custom    | Document Number<br><b>GV-N1060G1 GAMING-3GD</b> |       | Rev<br>1 |
| Date:             | Tuesday, July 10, 2018                          | Sheet | 34 of 42 |



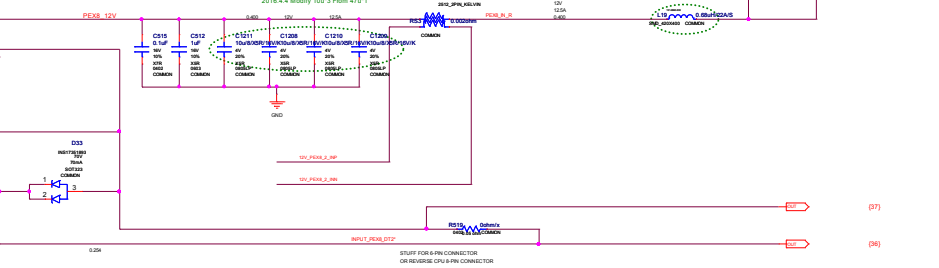
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PEX\_12V INPUT - 66W



PEX8 INPUT 2 - 2x4 PCIe CON 150W



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ASSEMBLY PAGE DETAIL  
"ASSEMBLY\_DESCRIPTION"  
PS: Inputs, Filtering, and Monitoring



|             |                             |
|-------------|-----------------------------|
| ASSEMBLY    | <ASSEMBLY_DESCRIPTION>      |
| PAGE DETAIL | PS: Shutdown and Sequencing |

|                              |                              |       |          |
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| <b>GIGABYTE</b>              |                              |       |          |
| File Shutdown and Sequencing |                              |       |          |
| Size Custom                  | Document Number              |       | Rev 1    |
|                              | <b>GV-N1060G1 GAMING-3GD</b> |       |          |
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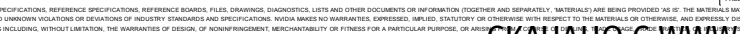
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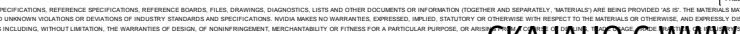
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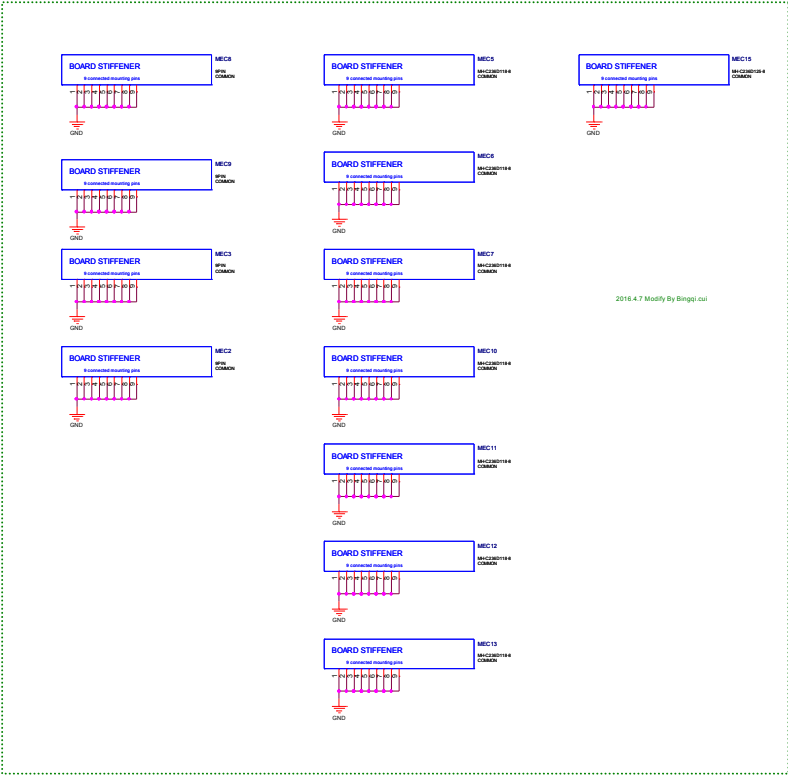
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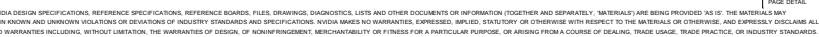


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