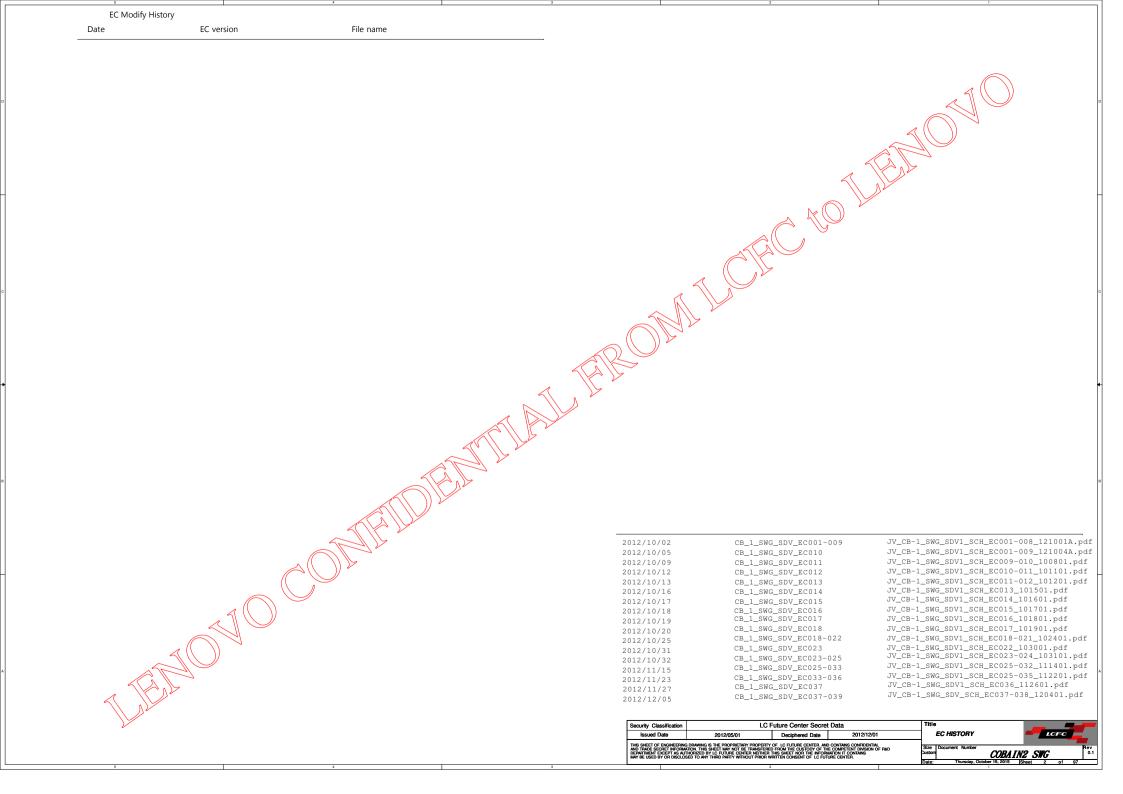
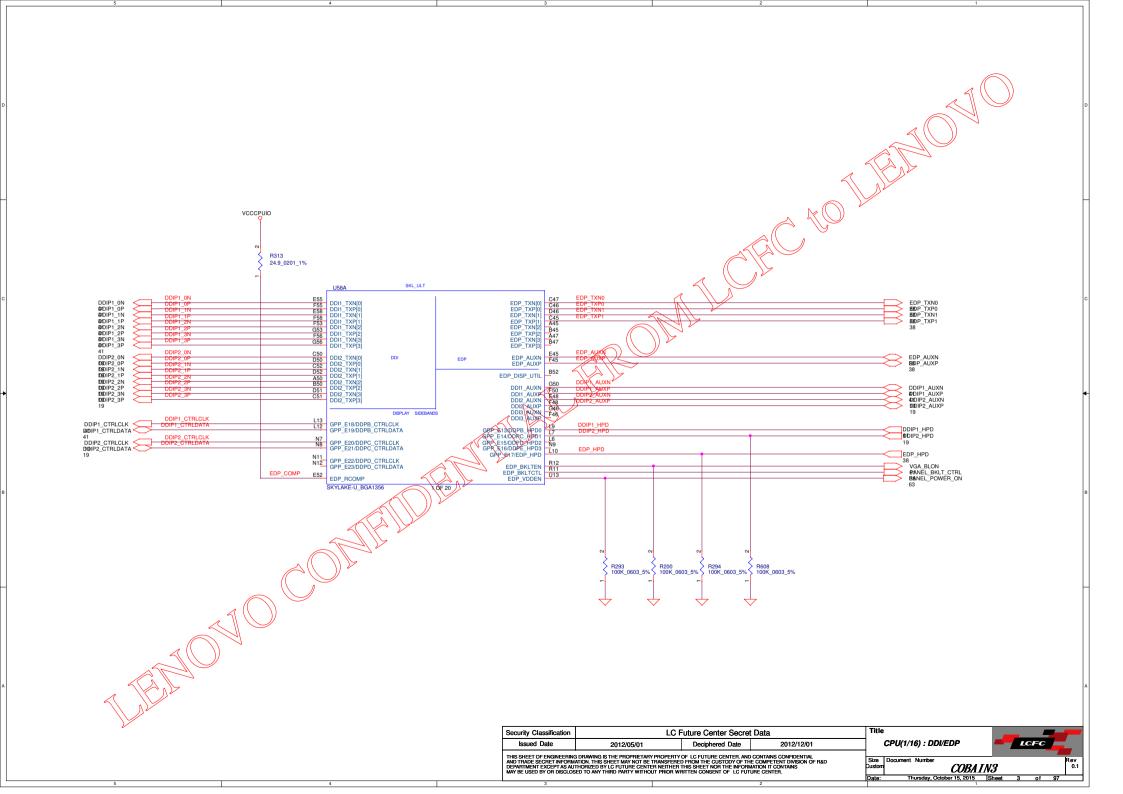
CB-3 LOGIC SCHEMATICS

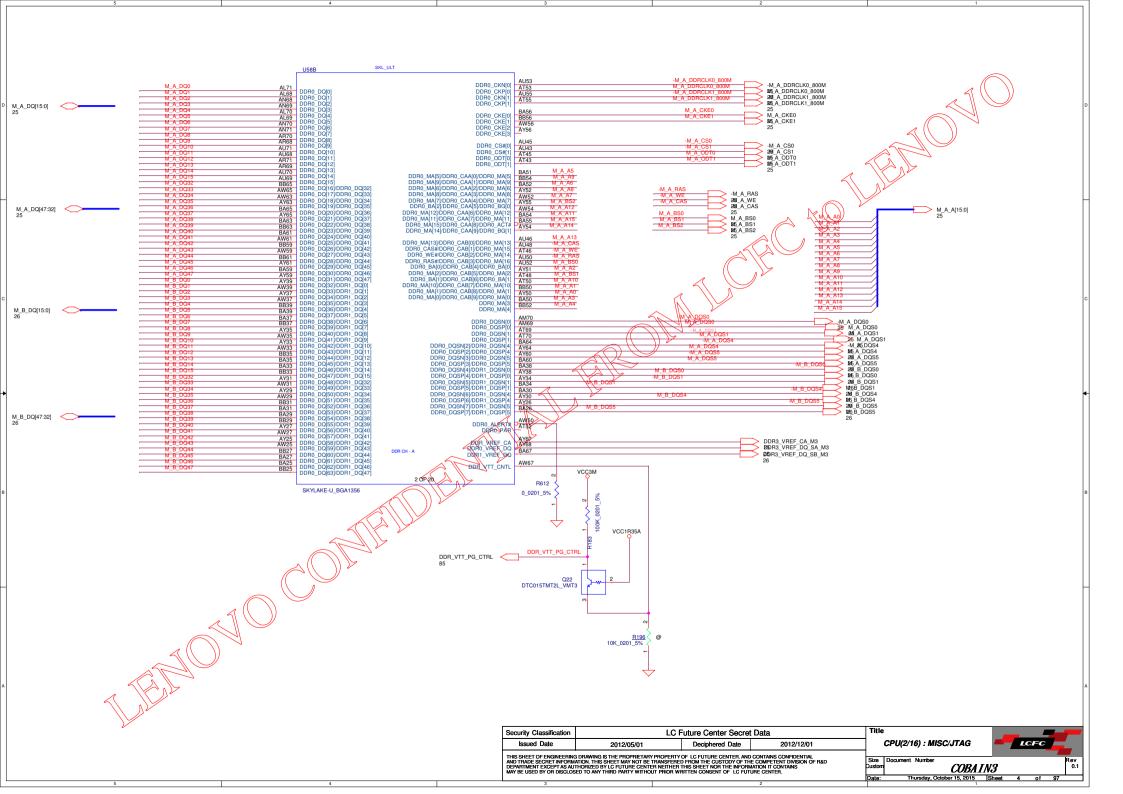
001.TITLE PAGE **36.MEMORY TERMINATION** 002.EC HISTORY 37.BLANK **38.LCD CONNECTOR** 003.CPU(1/16) : DDI/EDP 004.CPU(2/16): MISC/JTAG 39.BLANK **40.EXT CRT INTERFACE** 005.CPU(3/16) : DDR3L CHANNEL-A 006.CPU(4/16): DDR3L CHANNEL-B **41.DISPLAY PORT CONNECTOR** 71.THINK ENGINE(1/2) 007.CPU(5/16): RTC/HDA/SATA/JTAG 42.BLANK 72.THINK ENGINE(2/2) 008.CPU(6/16): CLOCK SIGNALS **43.SATA HDD CONN** 73.DC-IN 009.CPU(7/16): LPC/SPI/SMBUS/C-LINK 44.BLANK 74.BATTERY INPUT 010.CPU(8/16): SYSTEM PM 45.USB POWER/CONN 011.CPU(9/16): LCD/PCI/DDI CONTROL **46.GBE CLARKVILLE** 012.CPU(10/16): GPIO/CPU/MISC/LPIO 77.BATTERY MONITOR 47.BLANK 013.CPU(11/16): PCIE/USB **48.GBE MAGNETICS** 014.CPU(12/16): POWER 49.RJ45 CONNECTOR 015.CPU(13/16): POWER **50.PCIE MINI CARD SLOT** 016.CPU(14/16): GND 51.MEDIA CARD CONTROLLER 81.BLANK 017.CPU(15/16): NCTF 52.MEDIA CARD INTERFACE 018.CPU(16/16): CFG/RESERVED 53.SMART CARD I/F 019.DDI-VGA CONVERTER 54.AUDIO ALC3232-GR 84.BLANK 020.BLANK 55.AUDIO CONNECTOR 021.XDP CONNECTOR 56.AUDIO JACK SENSE 022.RTC BATTERY 57.AUDIO EXT MIC I/F 023.SPI FLASH 58.AUDIO SPEAKER 024.DDR3L SO DIMM CHANNEL-A 59.AUDIO BEEP **025.BLANK** 60.BLANK 026.DDR3L SO DIMM CHANNEL-B 61.MEC1619(1/3) 91.BLANK 027.DDR3L DECOUPLING 62.MEC1619(2/3) 028.N15S-GM(1/6): PEG I/F 63.MEC1619(3/3) 93.LOAD SW PCH SUS **64.KEYBOARD CONNECTOR** 029.N15S-GM(2/6): DIGITAL OUT I/F 94.LOAD SW LAN 030.N15S-GM(3/6): VRAM VF **65.TOUCH PAD CONNECTOR** 95.LOAD SW VIDEO 031.N15S-GM(4/6) : GPIO 66.BLANK 96.LOAD SW B 032.N15S-GM(5/6): POWER **67.FAN CONNECTOR** 97.BLANK 033.N15S-GM(6/6): GND 68.G-SENSOR 034.VRAM CHANNEL-A 99.PTH FOR SCREW HOLES 69.TPM **035.BLANK** 70.EEPROM/SMBUS SW 100.3rd USB

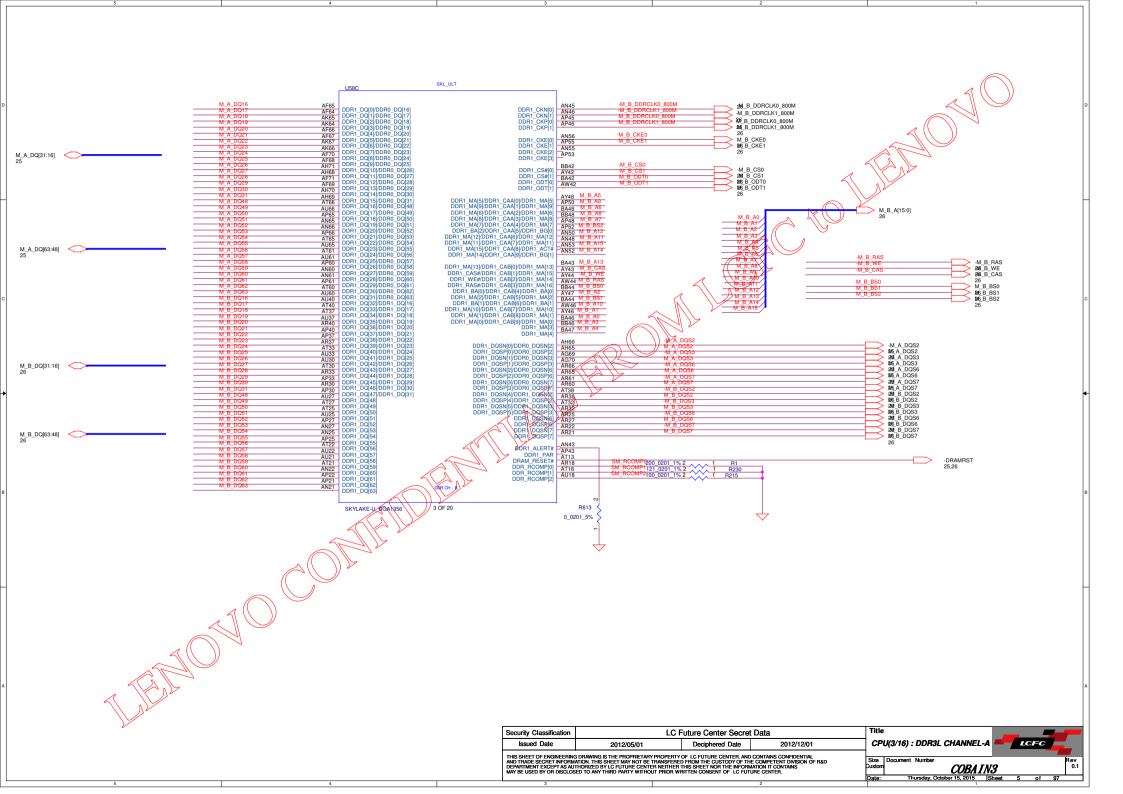
75.BATTERY CHARGER(BQ24760) 76.CHARGER SELECTOR 78.DC/DC VCC5M/VCC3M (TPS51220A) 79.DC/DC VCCCPUCORE(VT1328M) 80.DC/DC VCCCPUCORE(VT1334S) 82.VCCCPUCORE DECOUPLING 83.DC/DC VCCGFXCORE D (TPS51728) 85.DC/DC VCC1R05AMT(VT356) 86.DC/DC VCC1R35A(VT357) 87.DC/DC VCC0R675B(TPS51200) 88.DC/DC VCC1R5VIDEO(VT356) 89.DC/DC VCC1R05VIDEO PLL(BD3551HFN) 90.DC/DC VCC1R8B(BD9139) 92.DC/DC VCC1R5B(BD3551HFN) 98.LOAD SW WWAN & WLAN

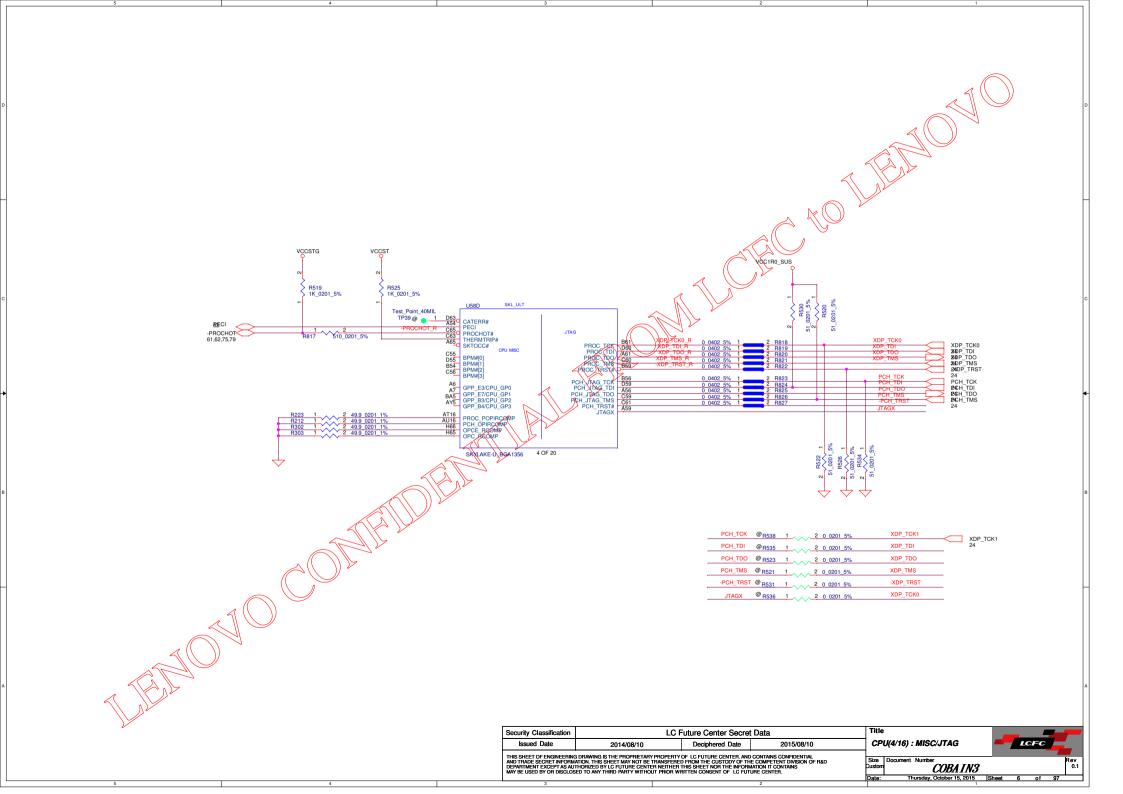
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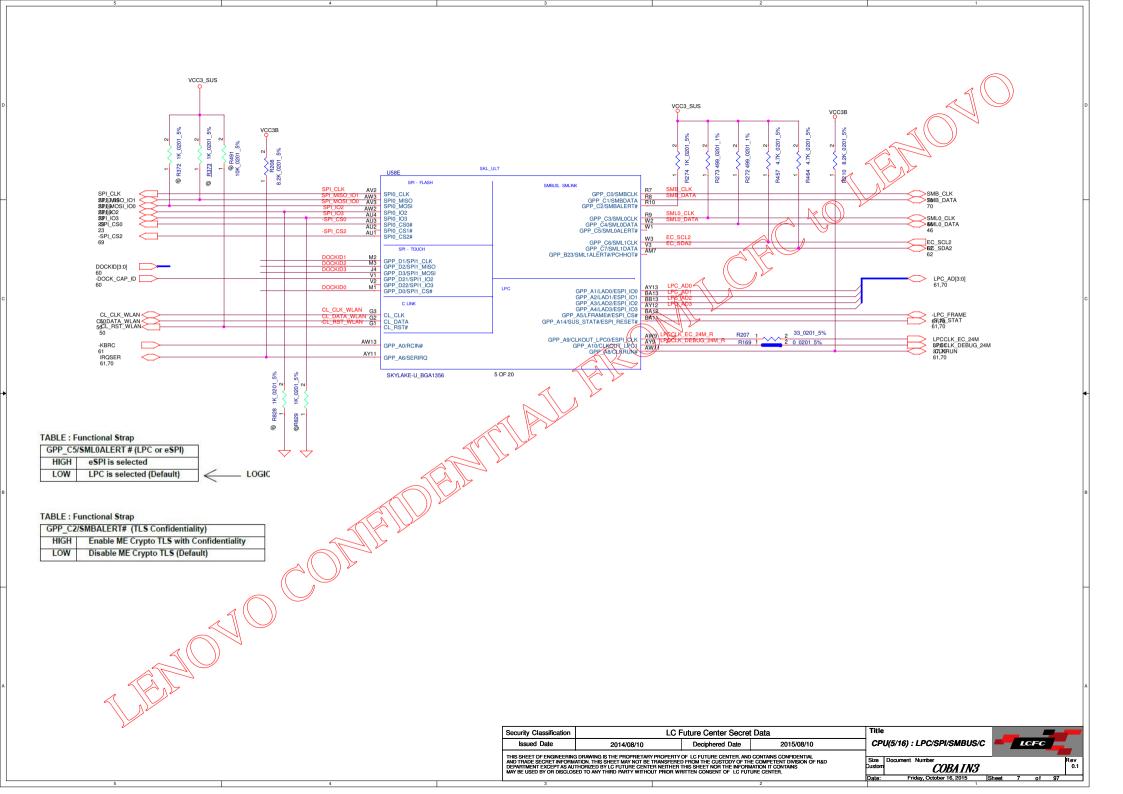


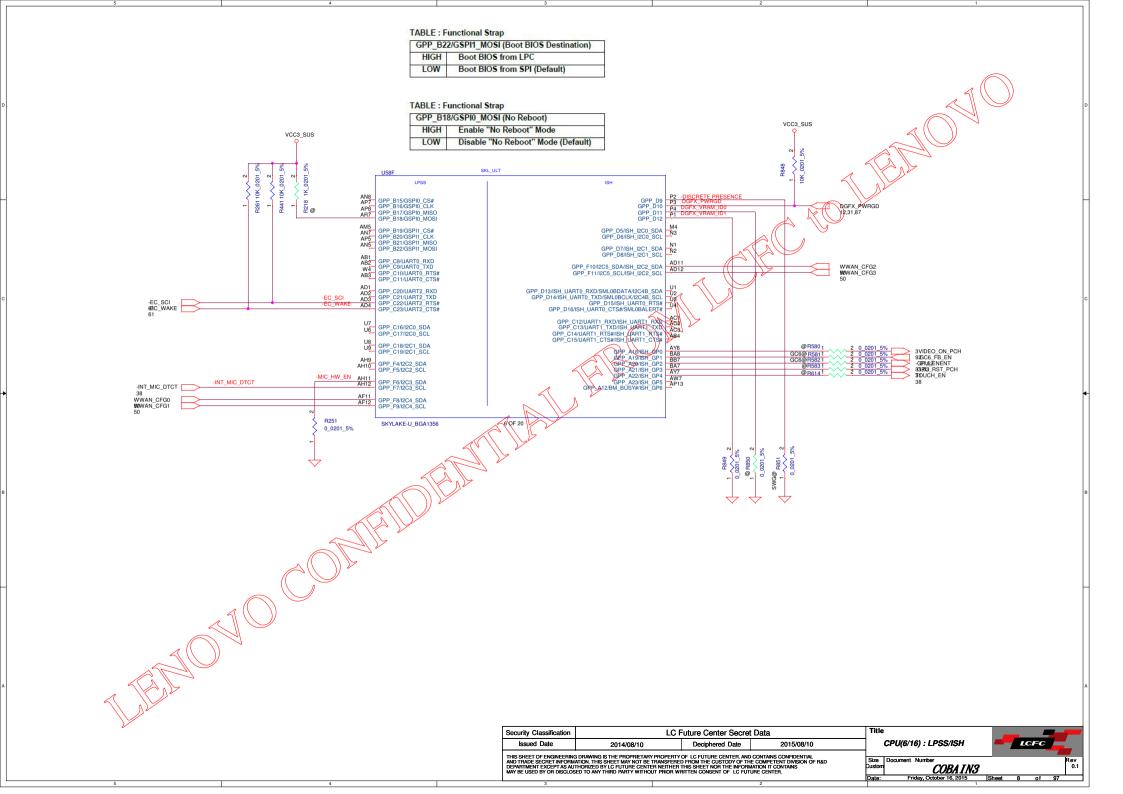


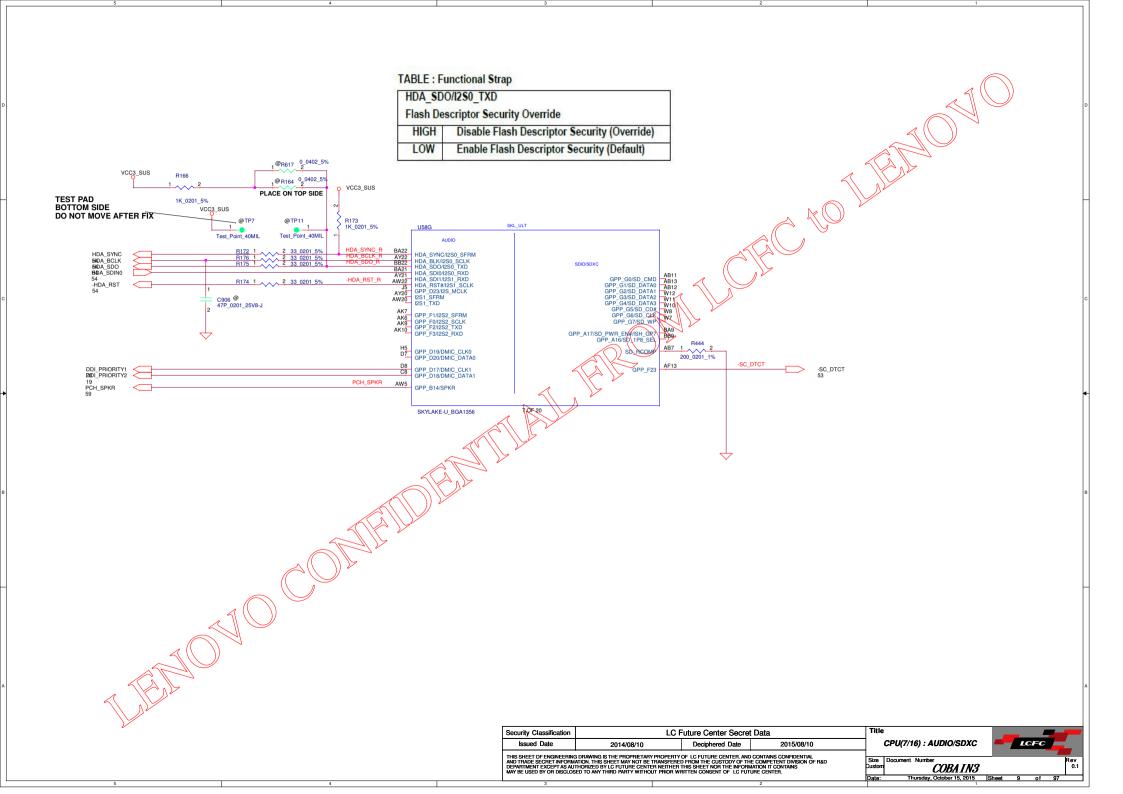


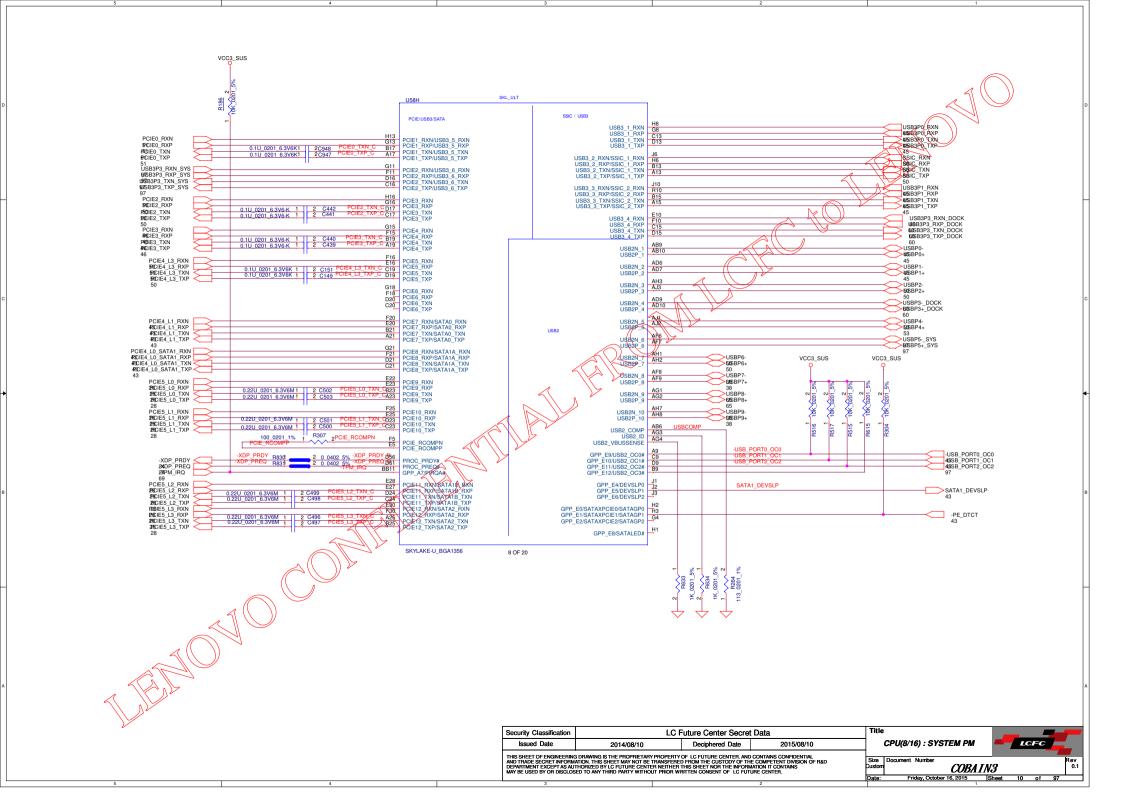


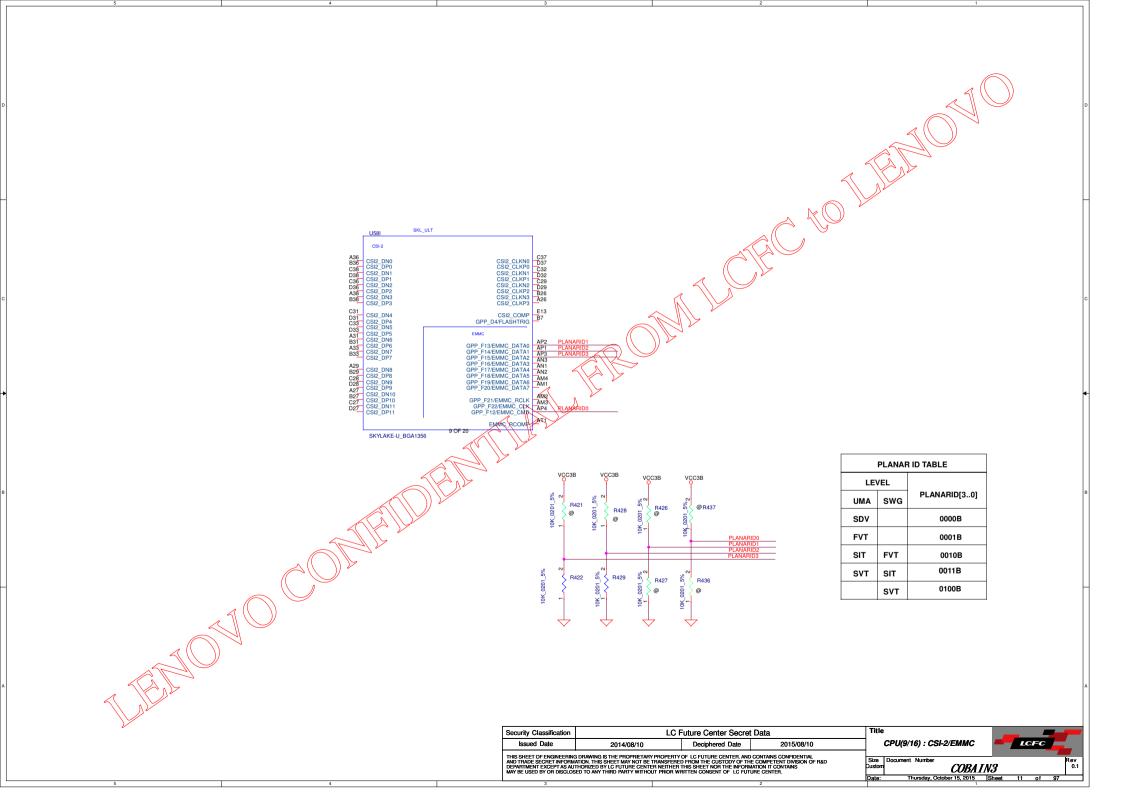


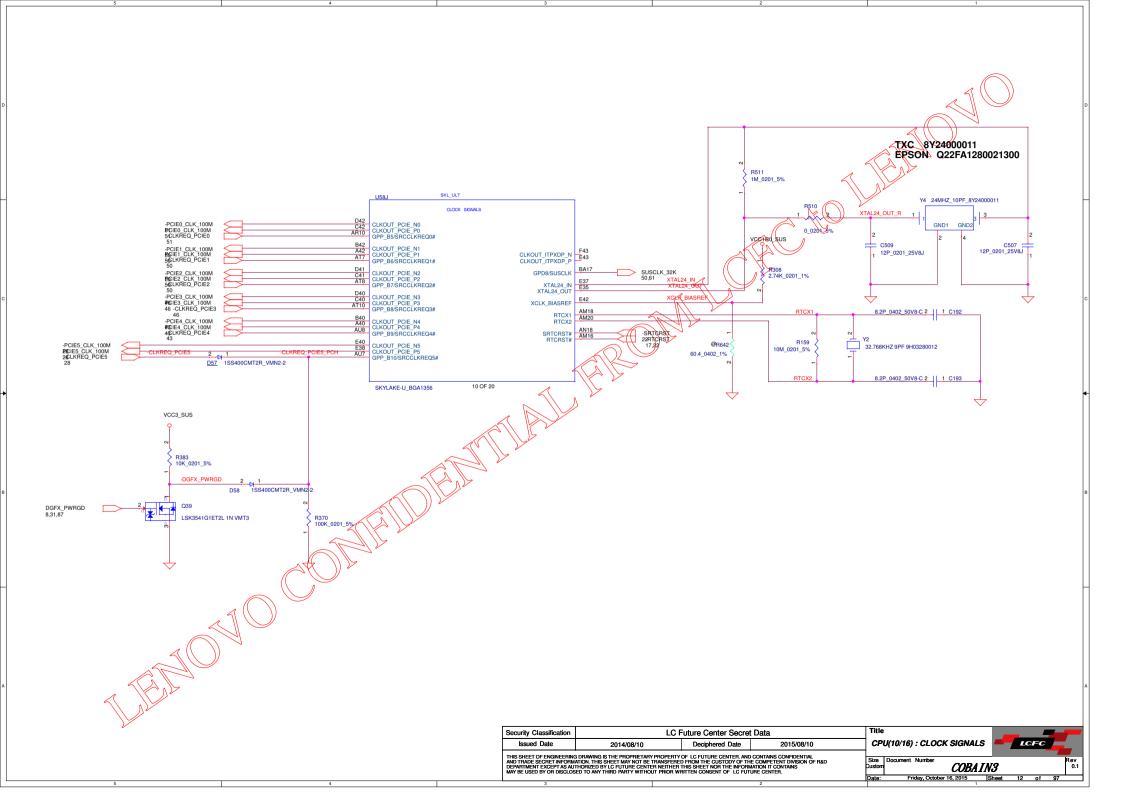


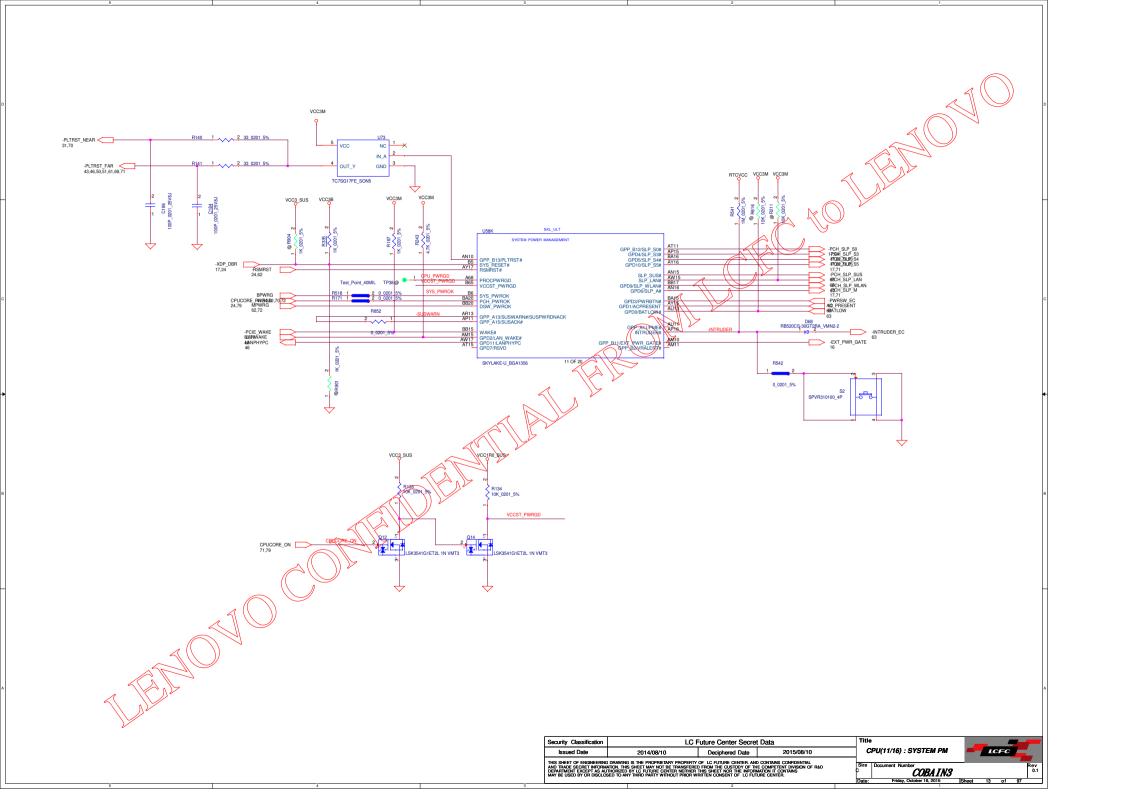


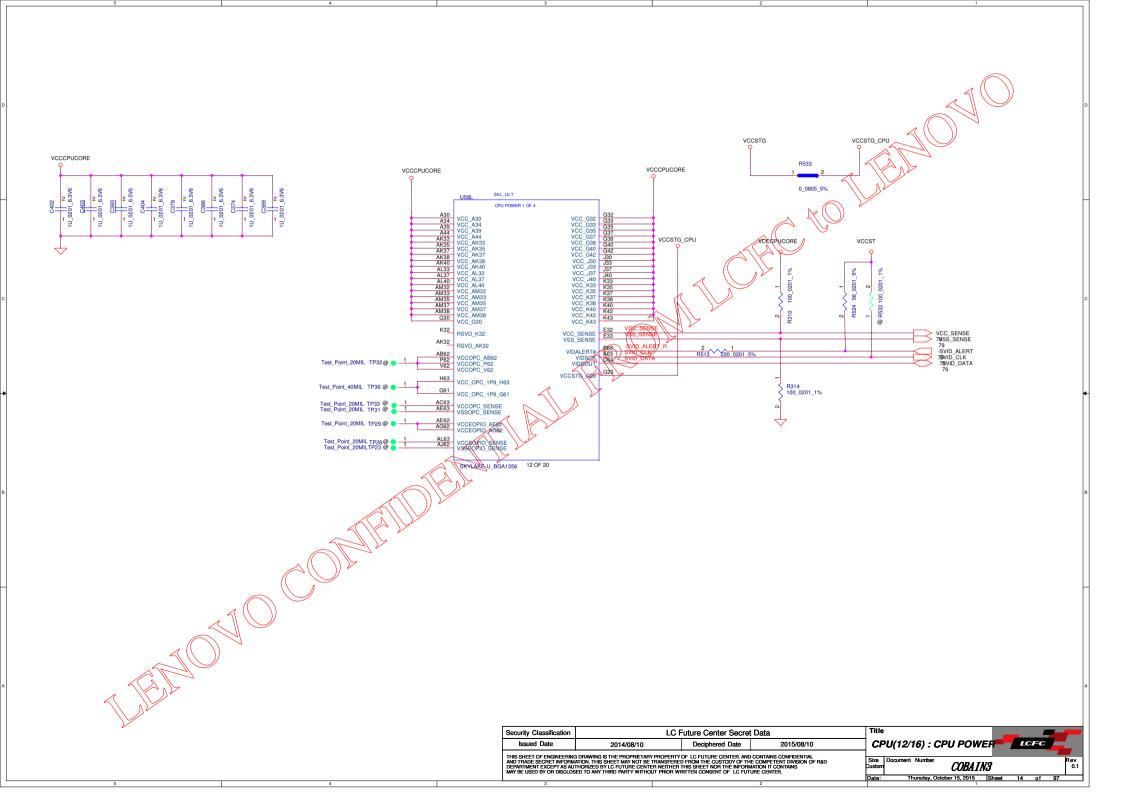


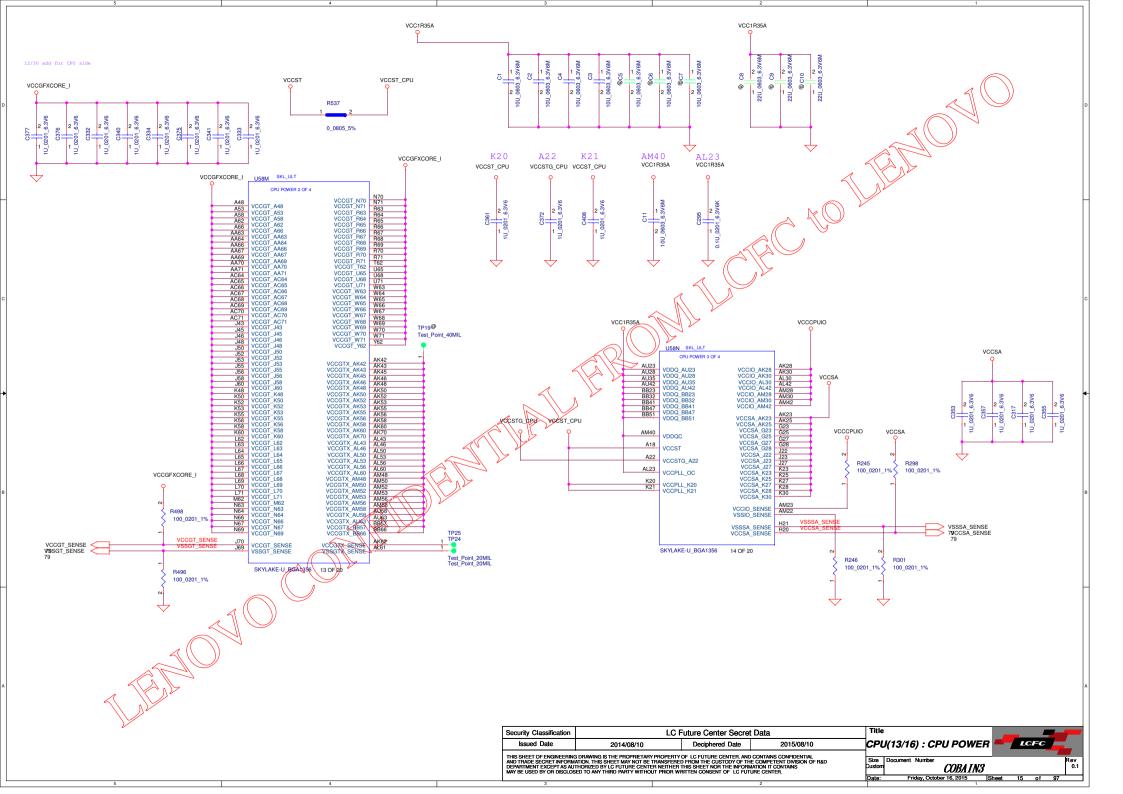


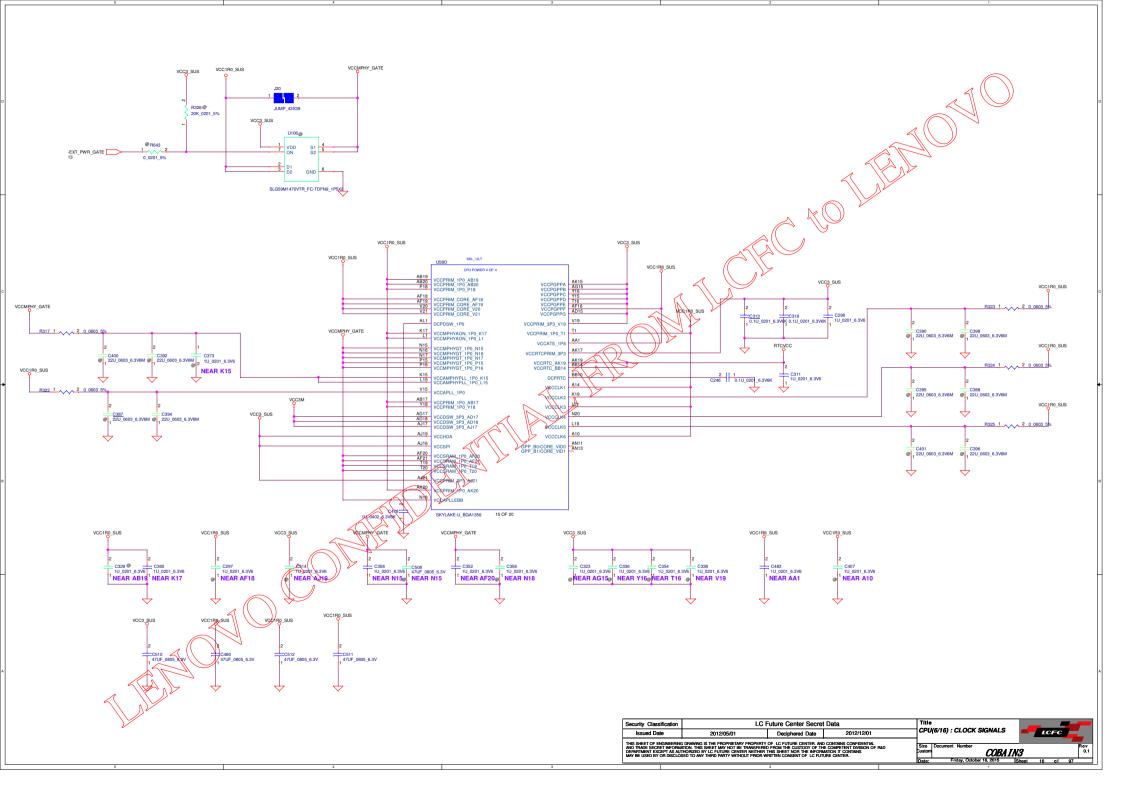


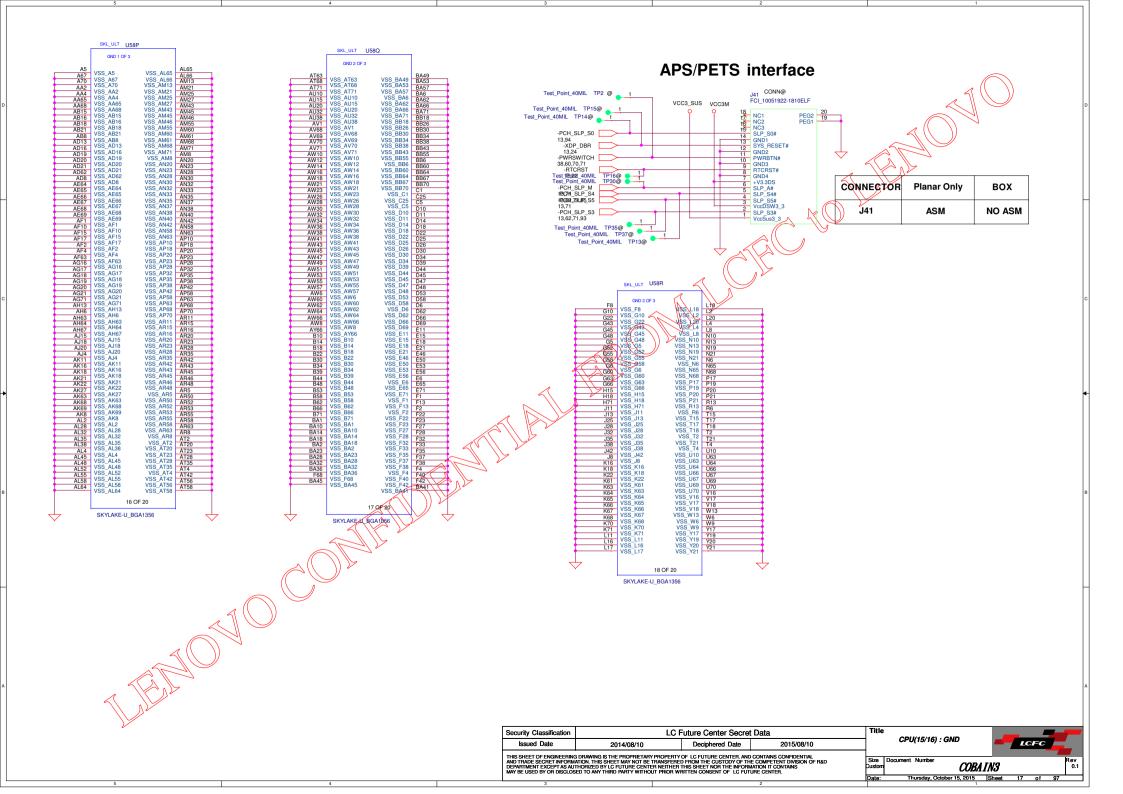


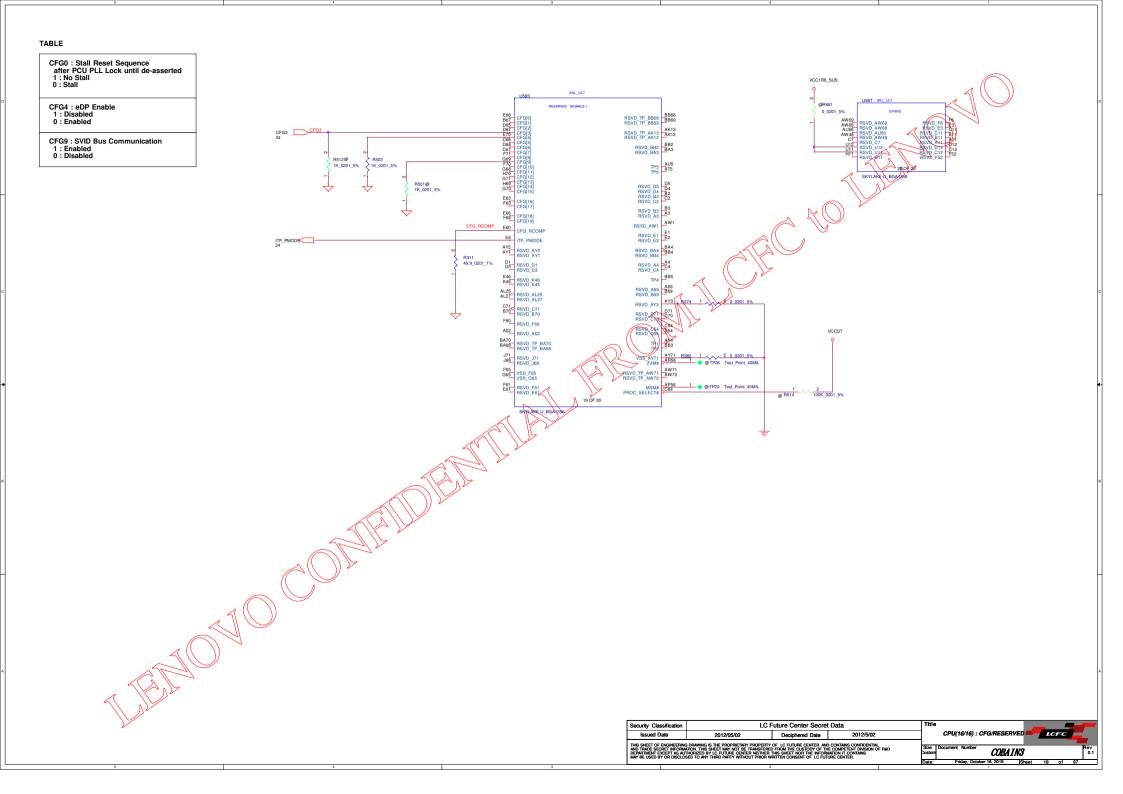


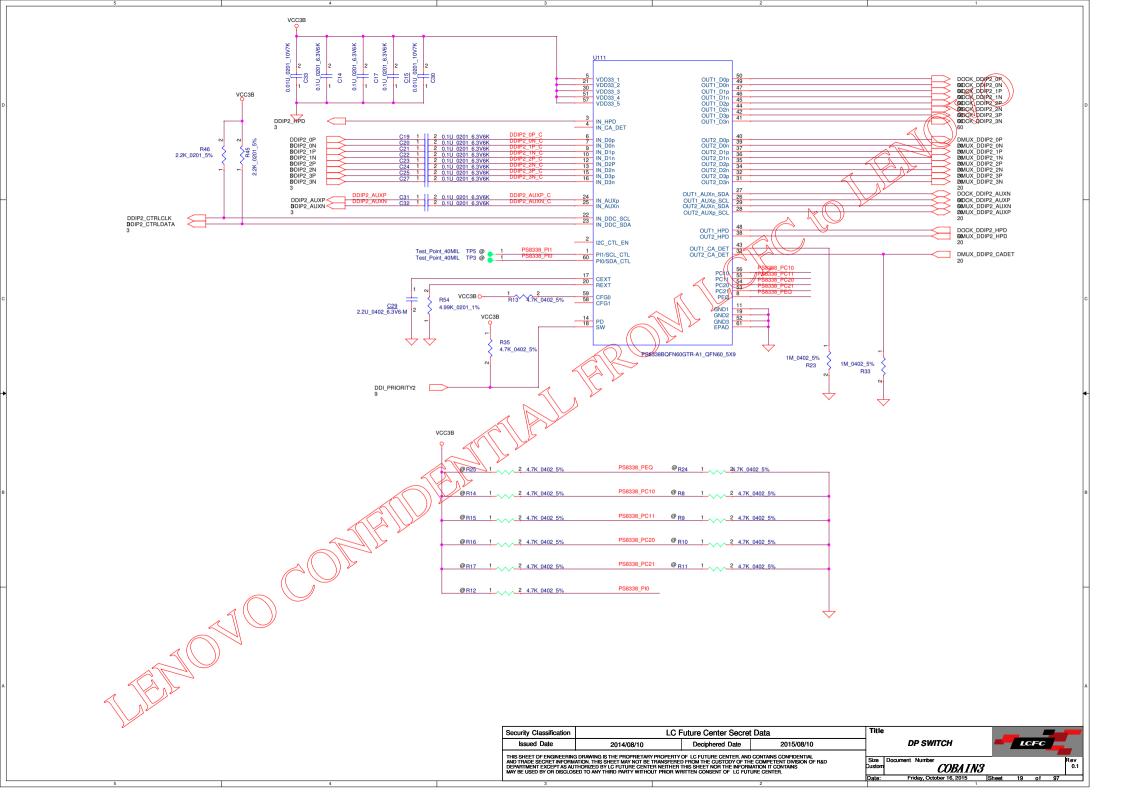


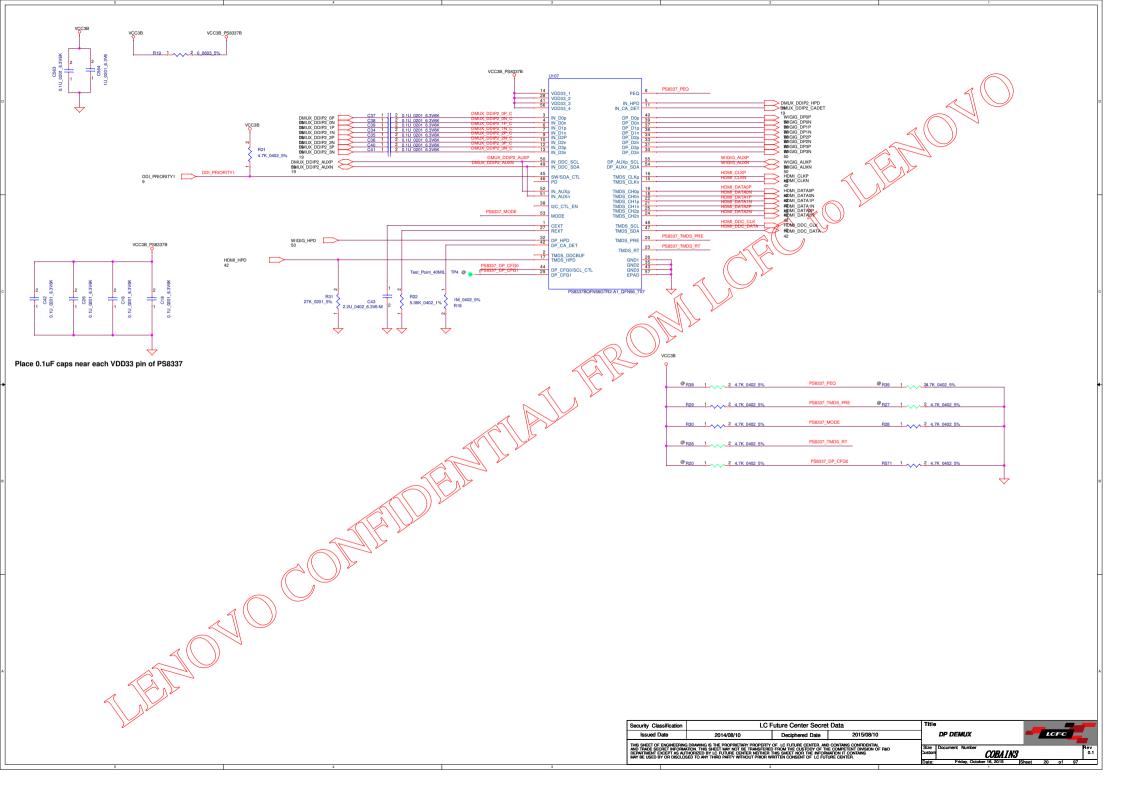


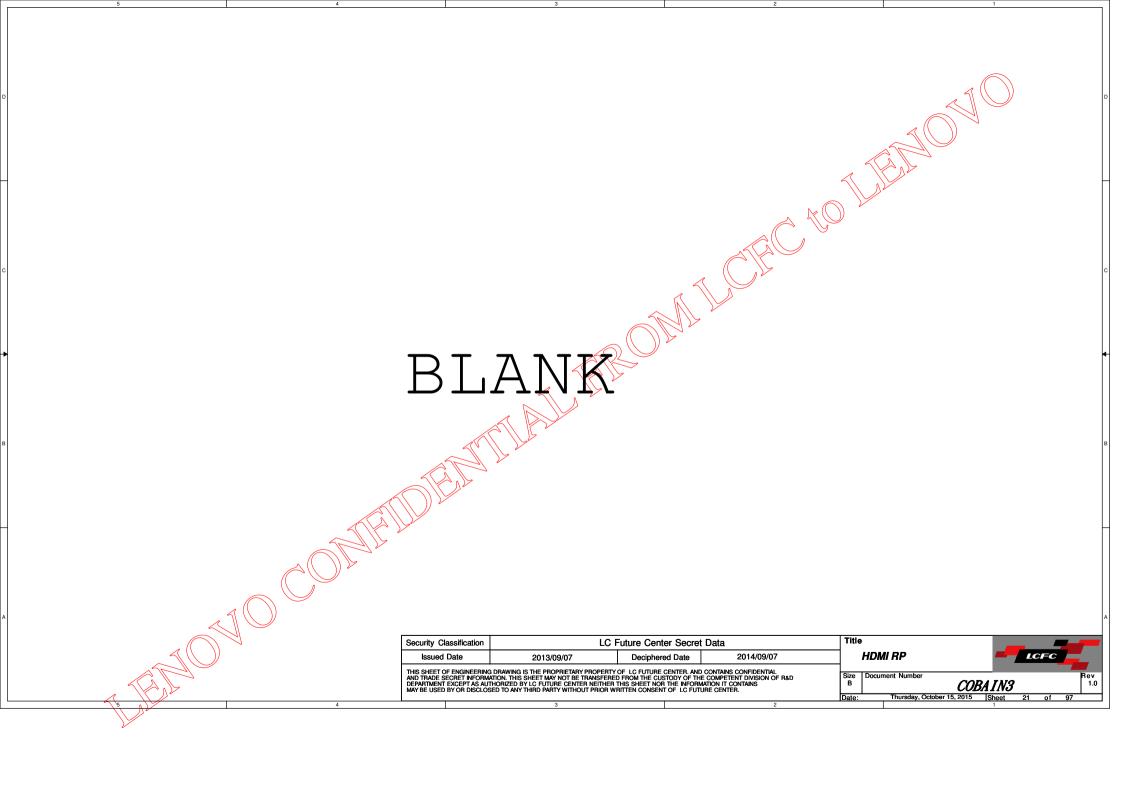


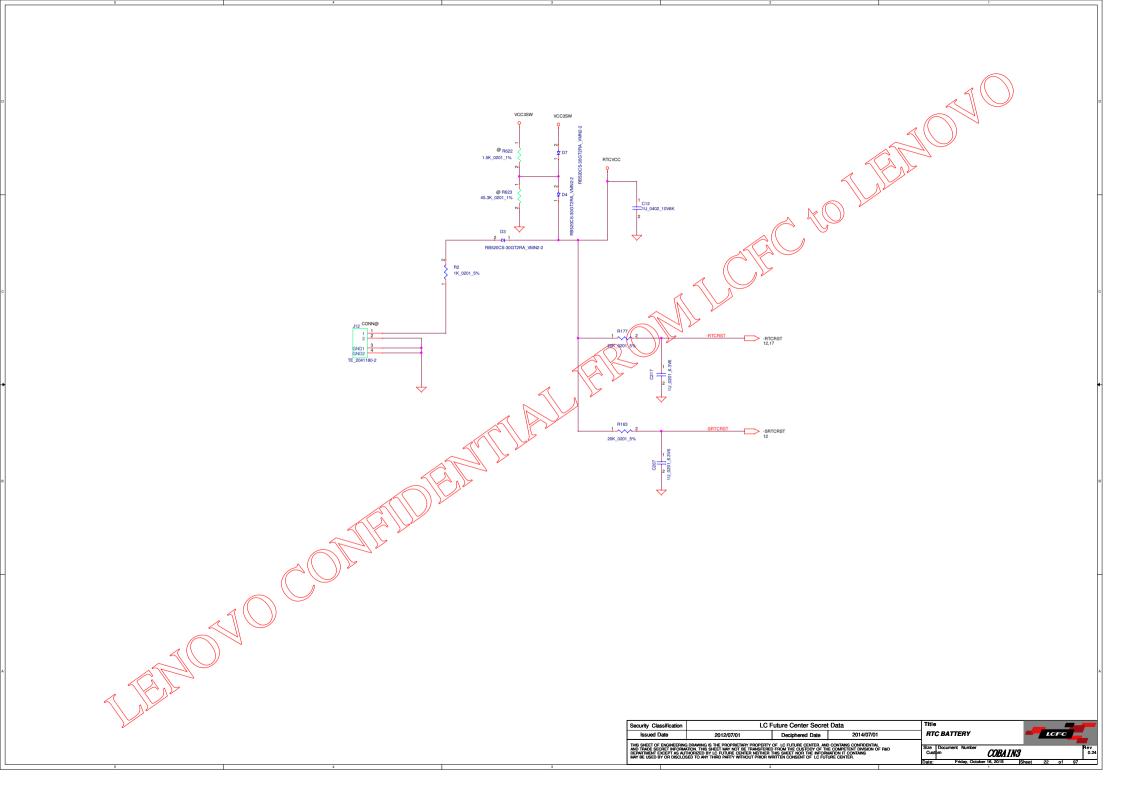


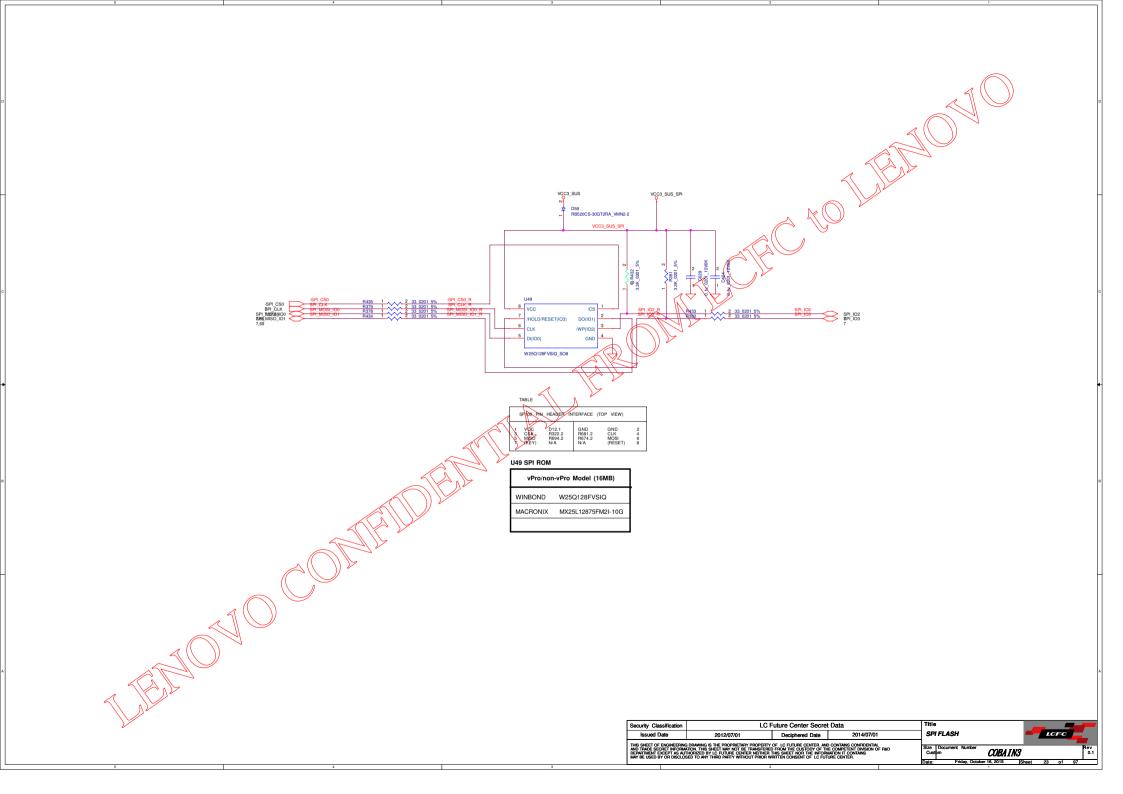


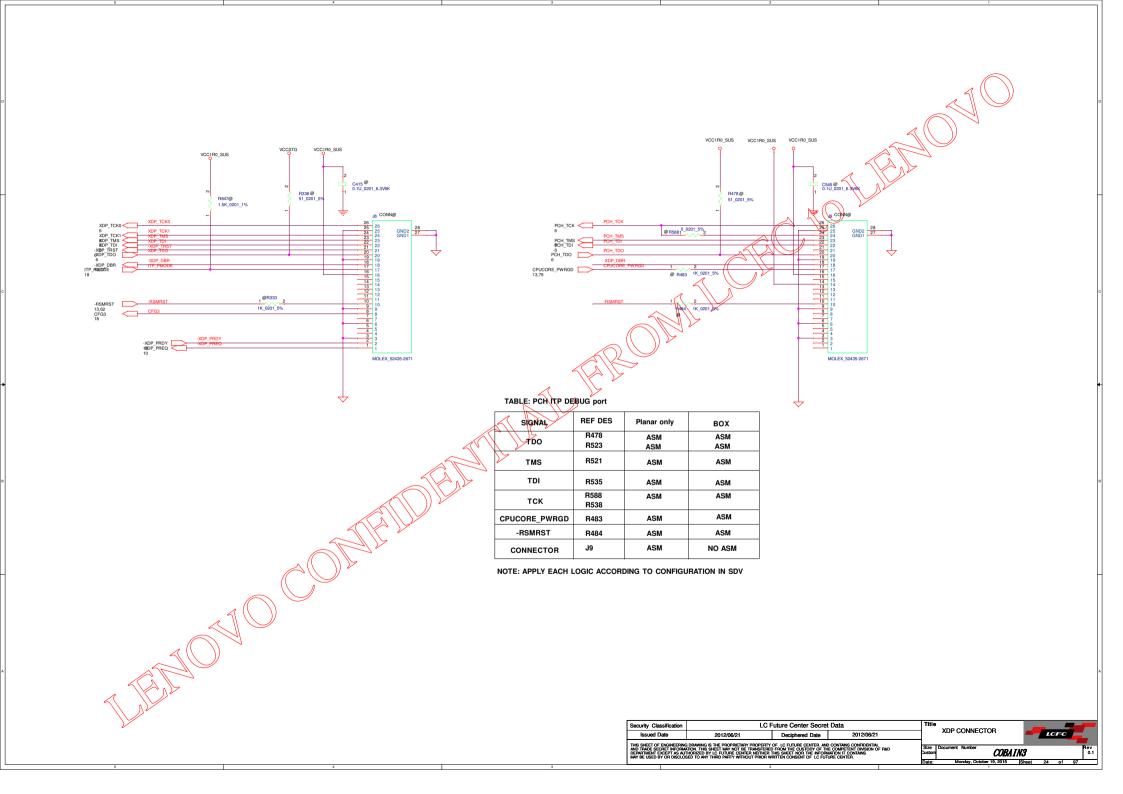


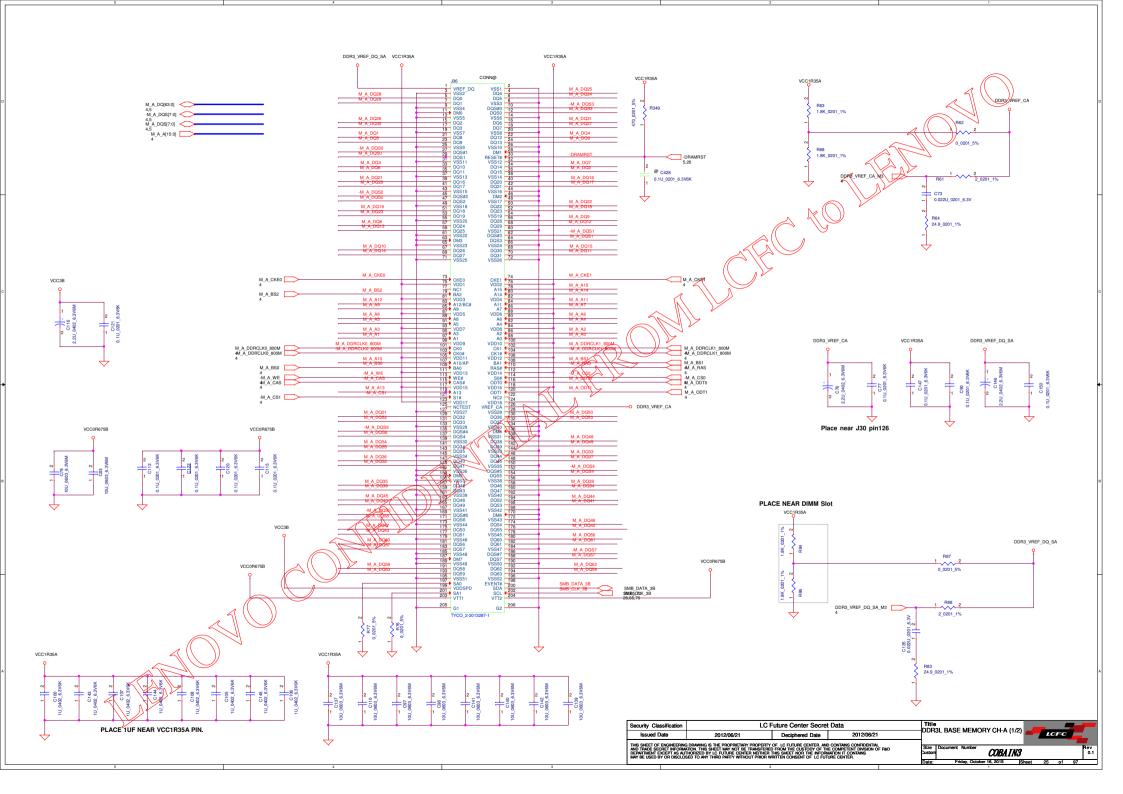


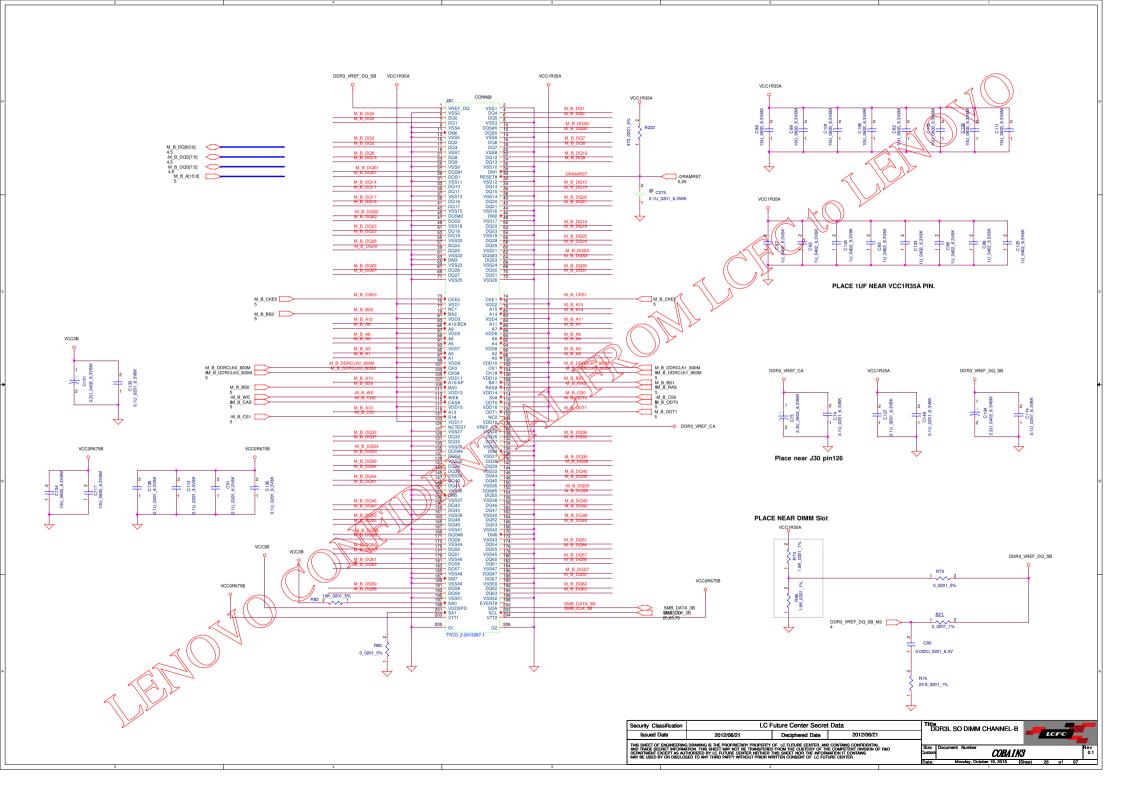










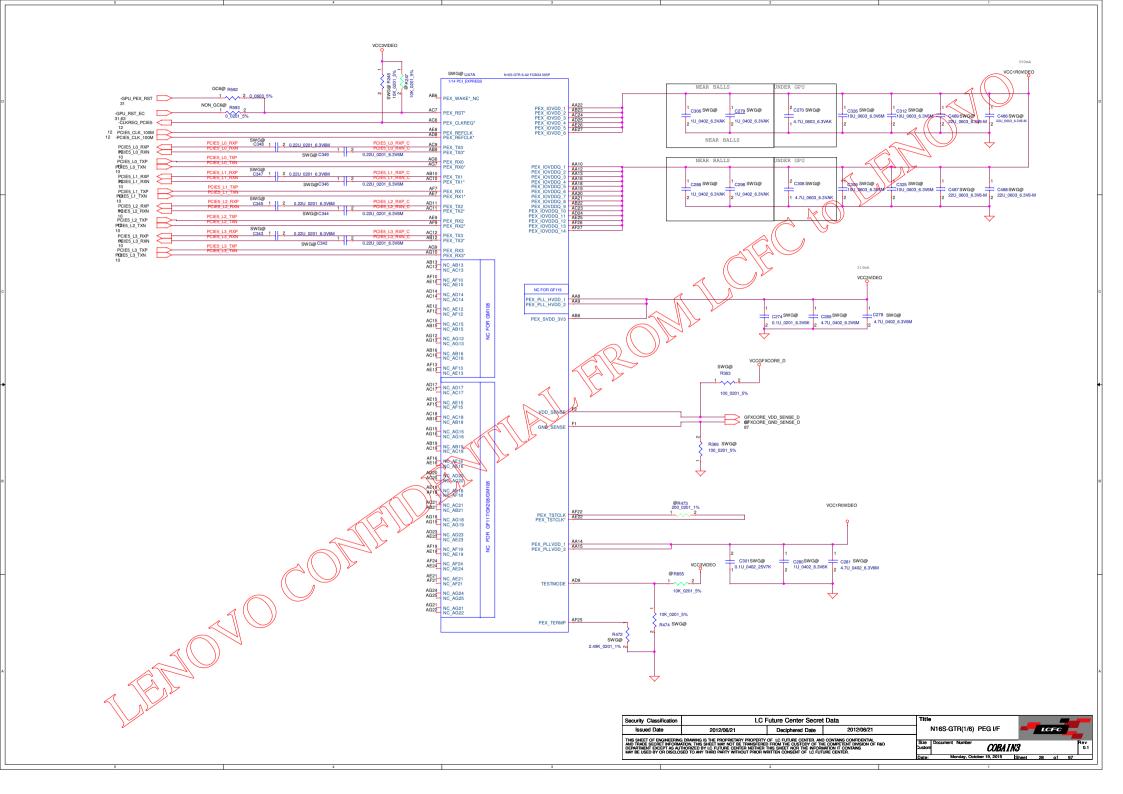


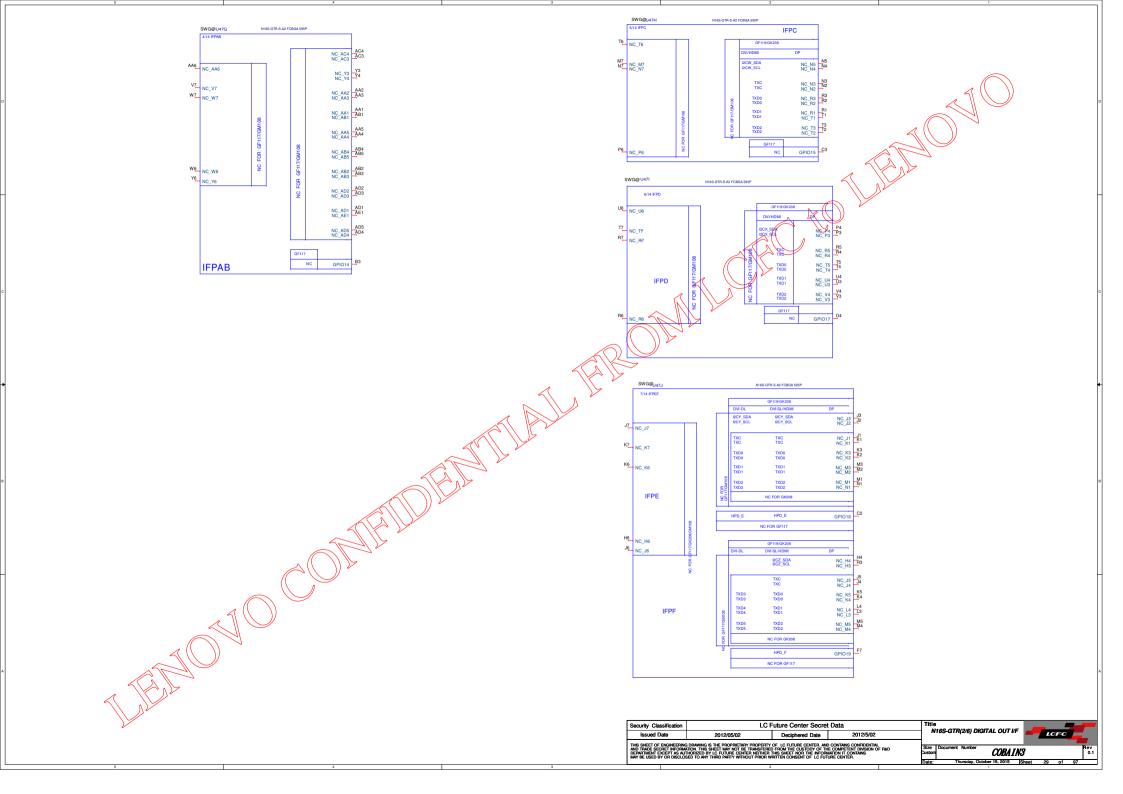
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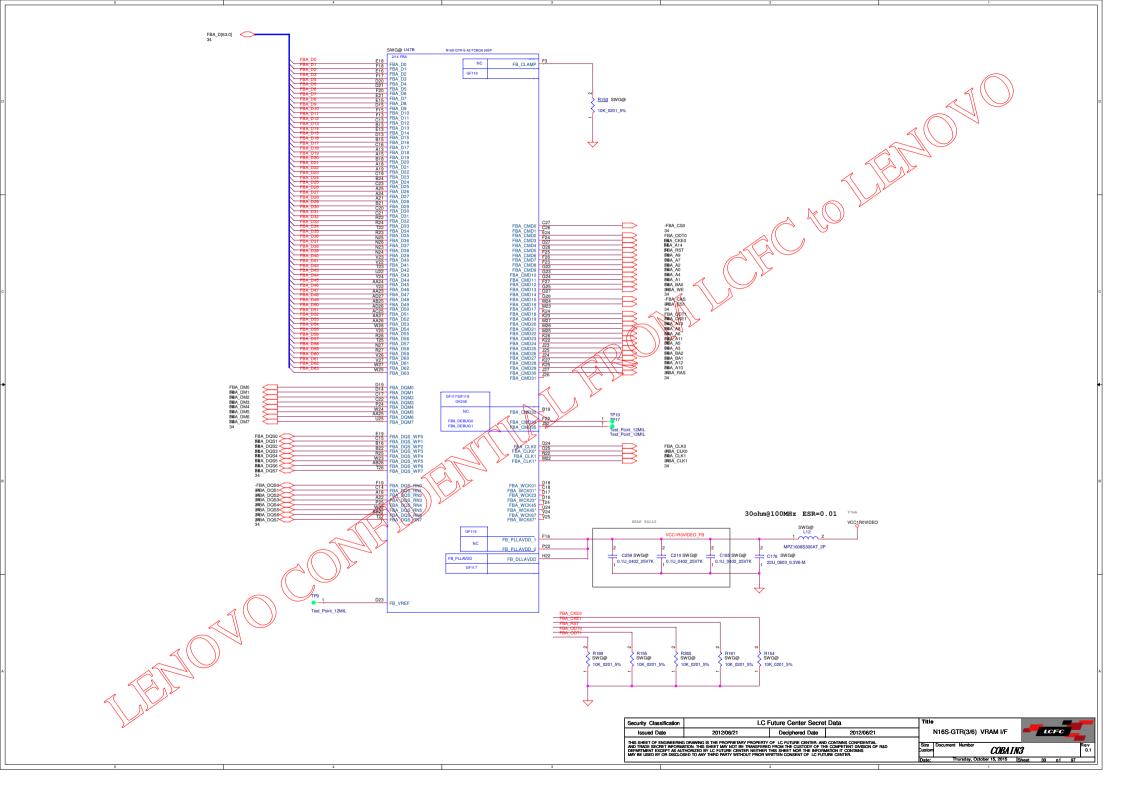
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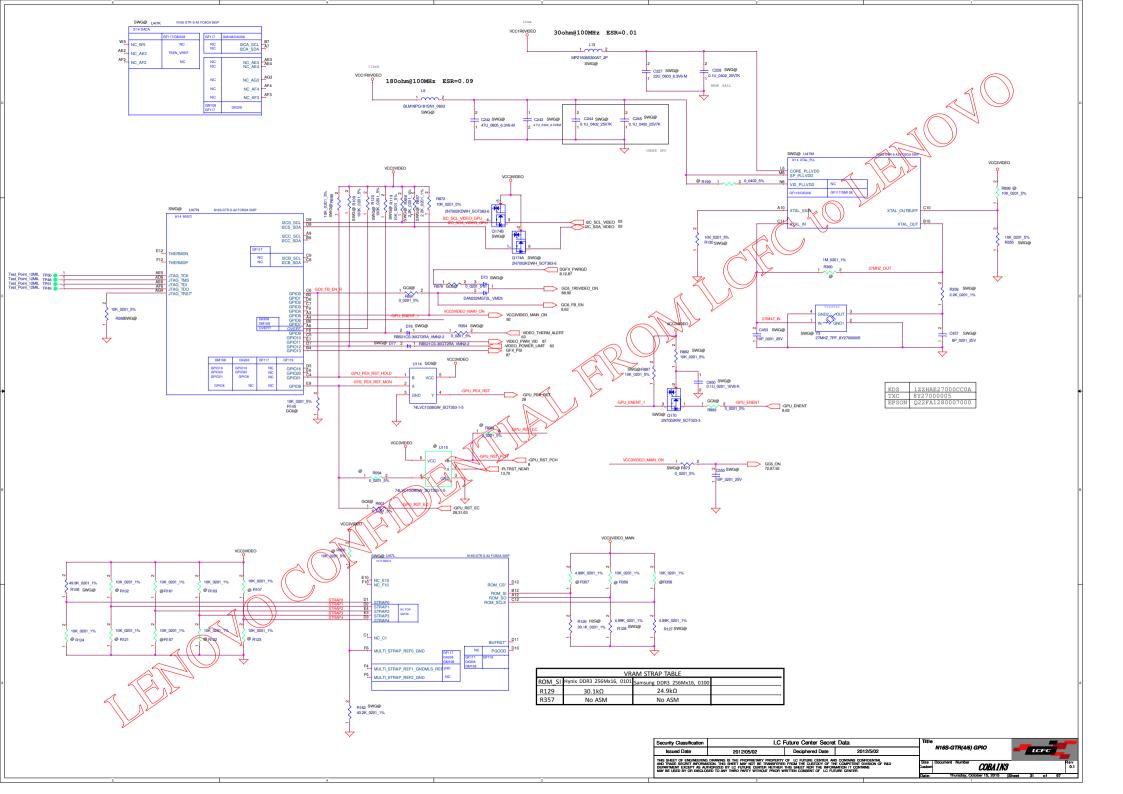
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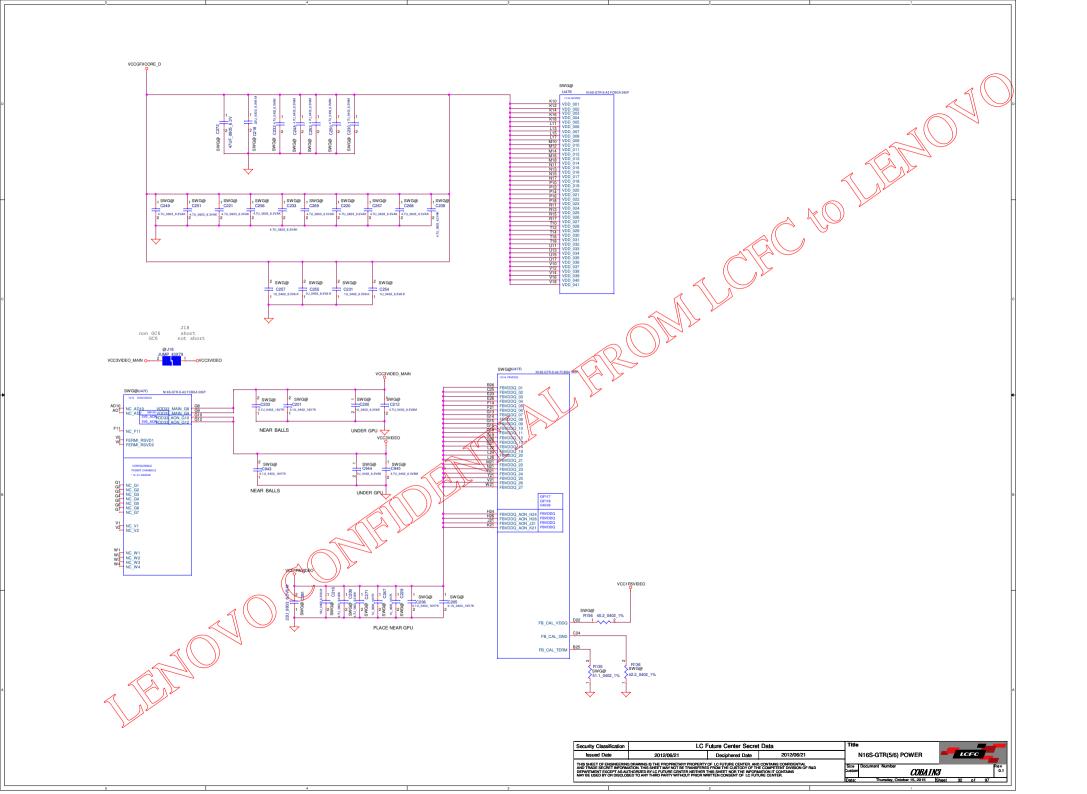
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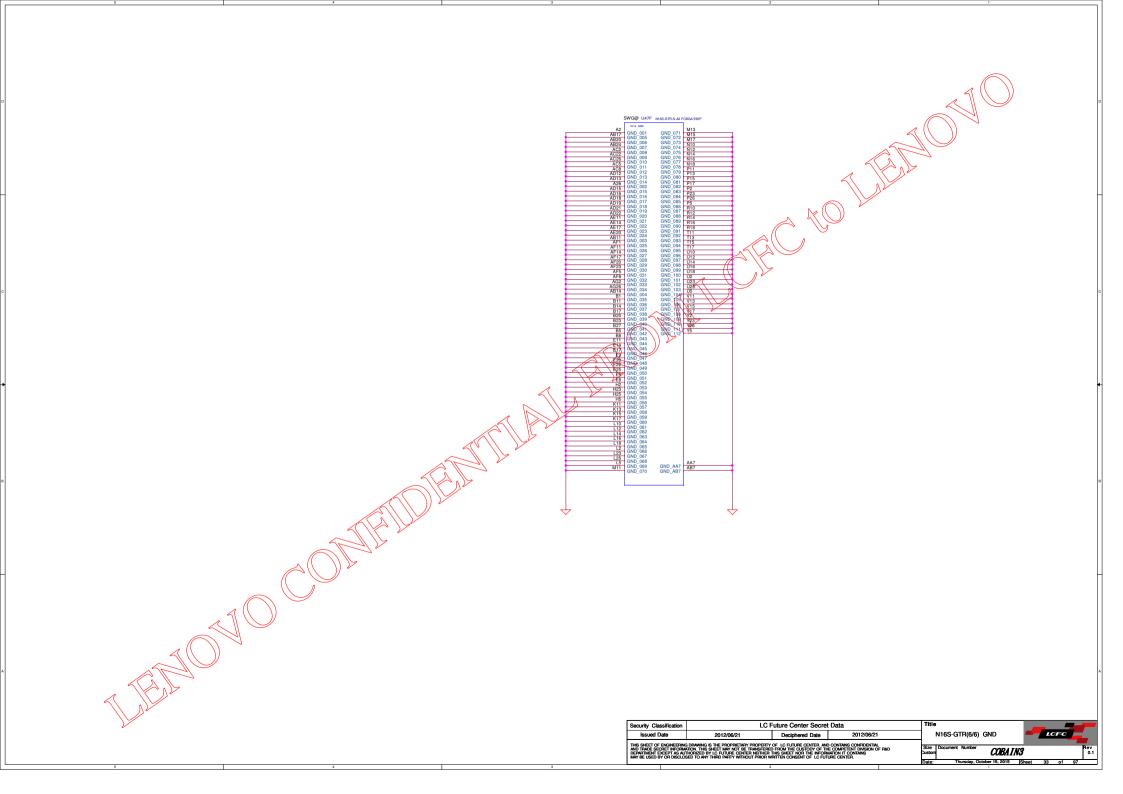


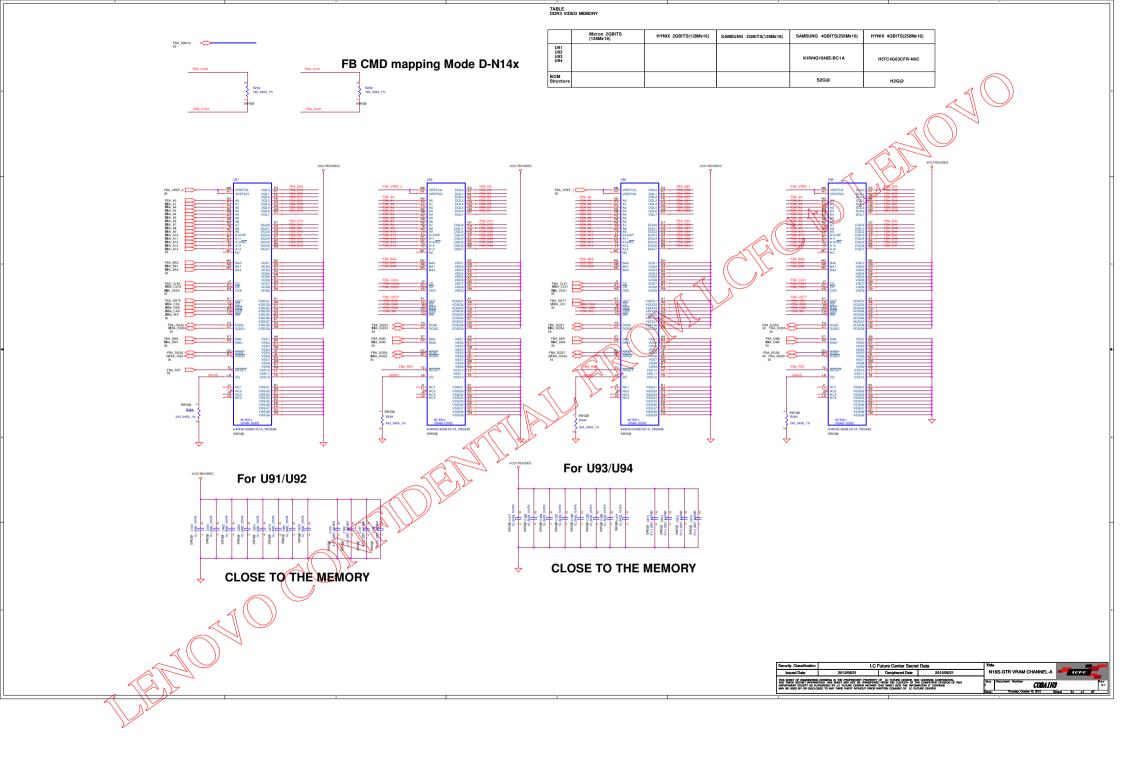




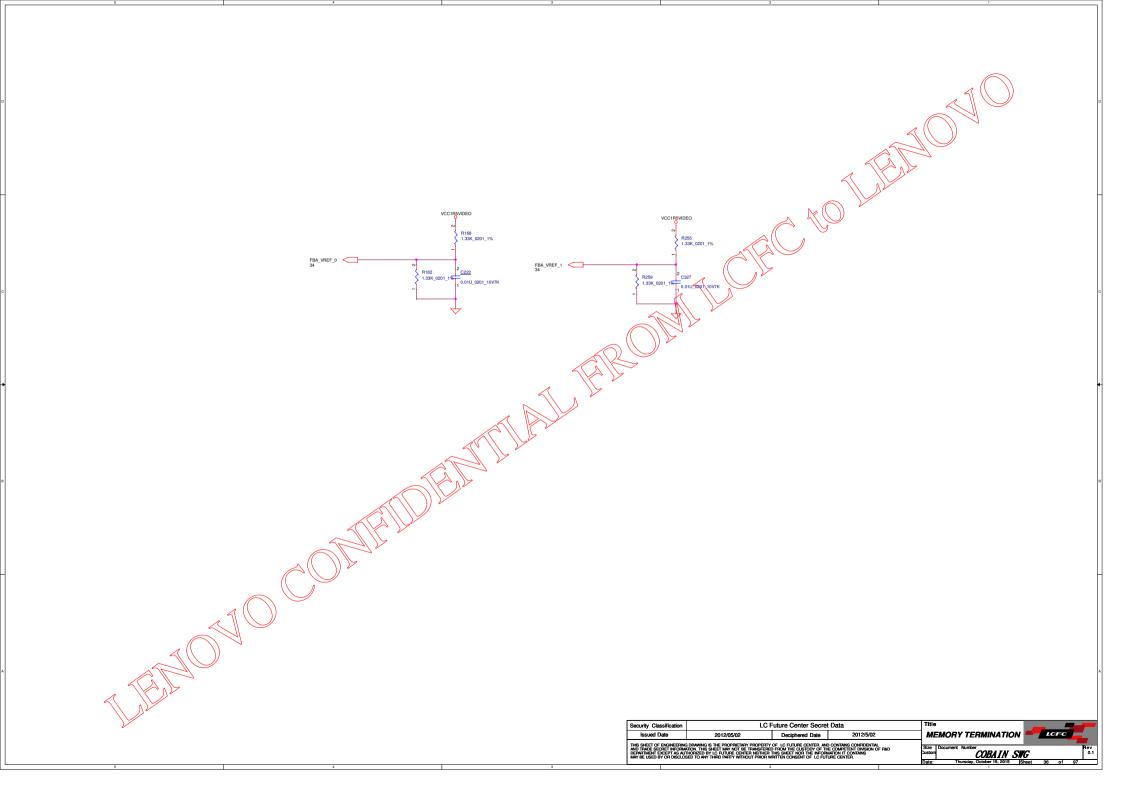


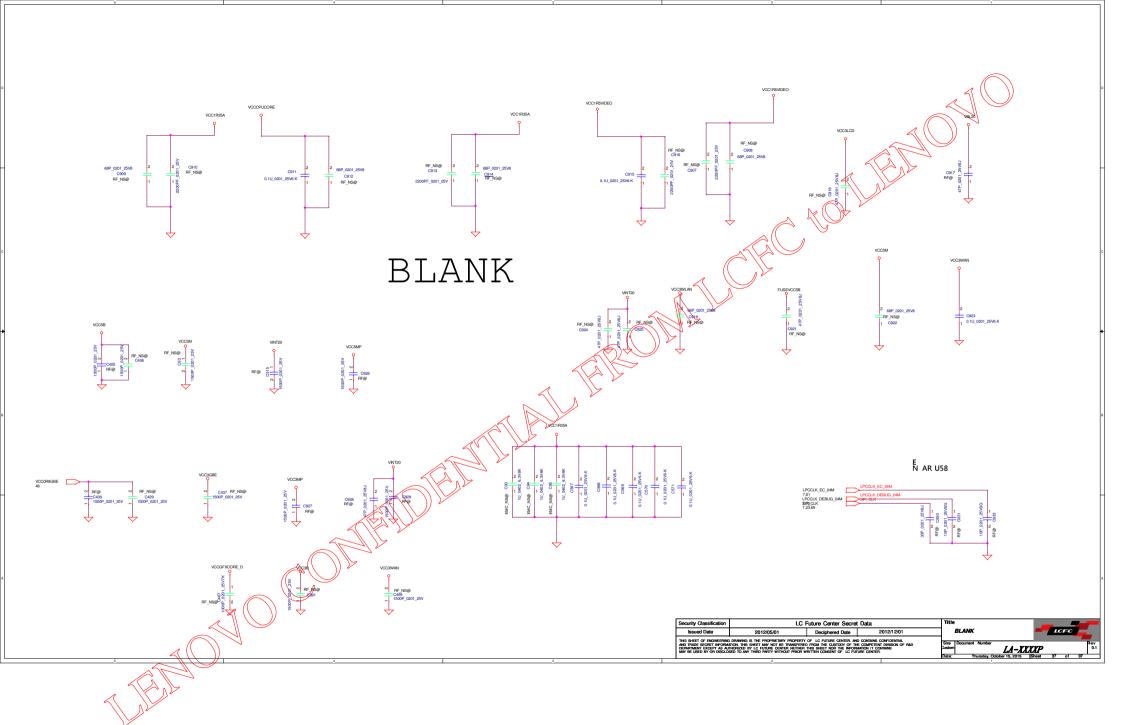


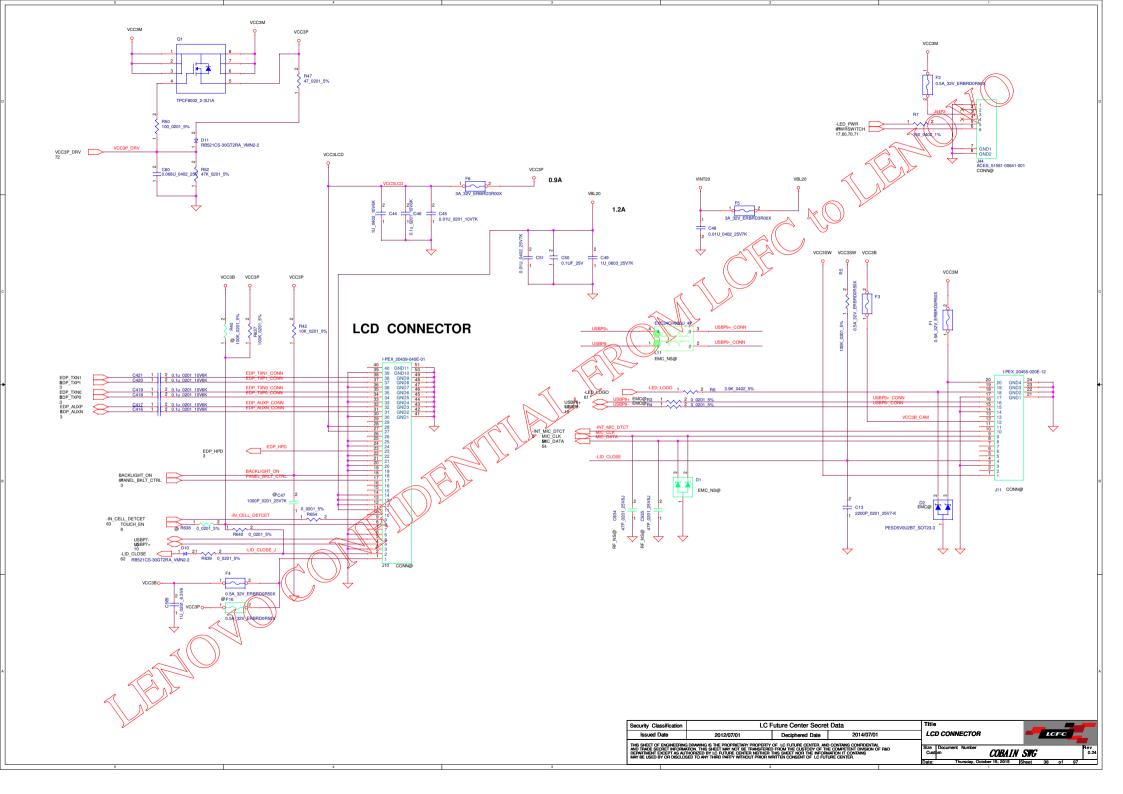




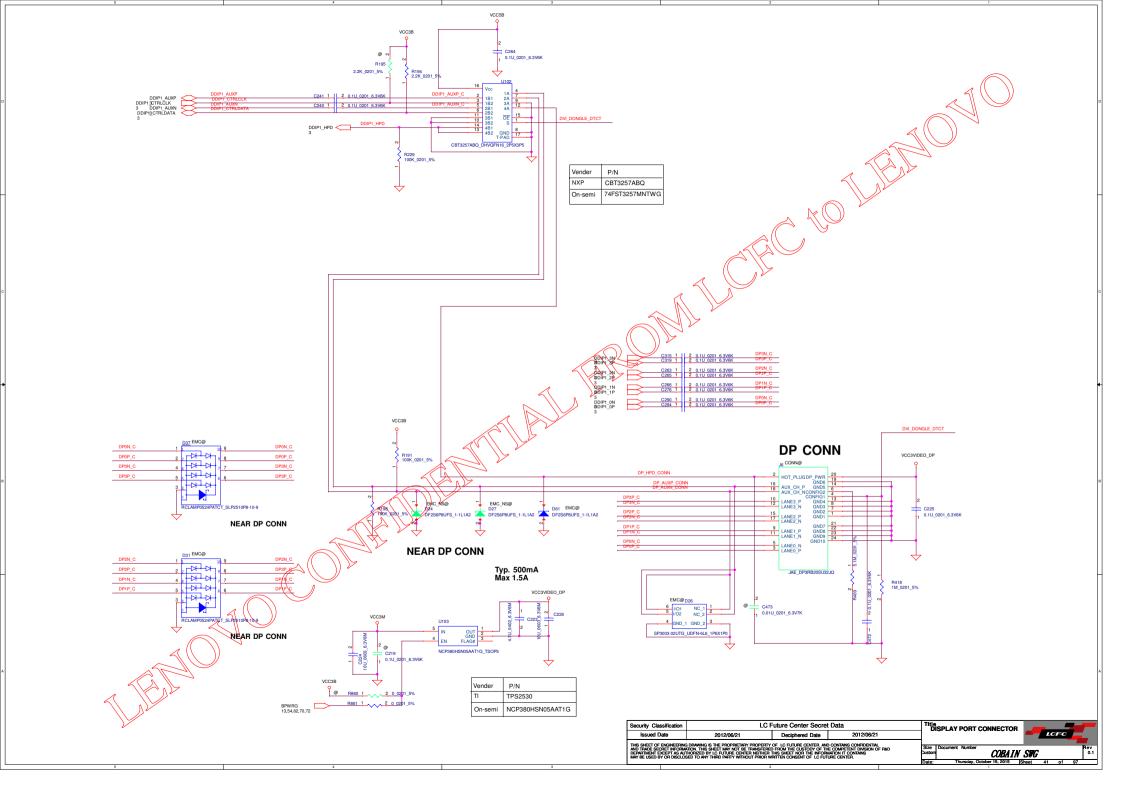
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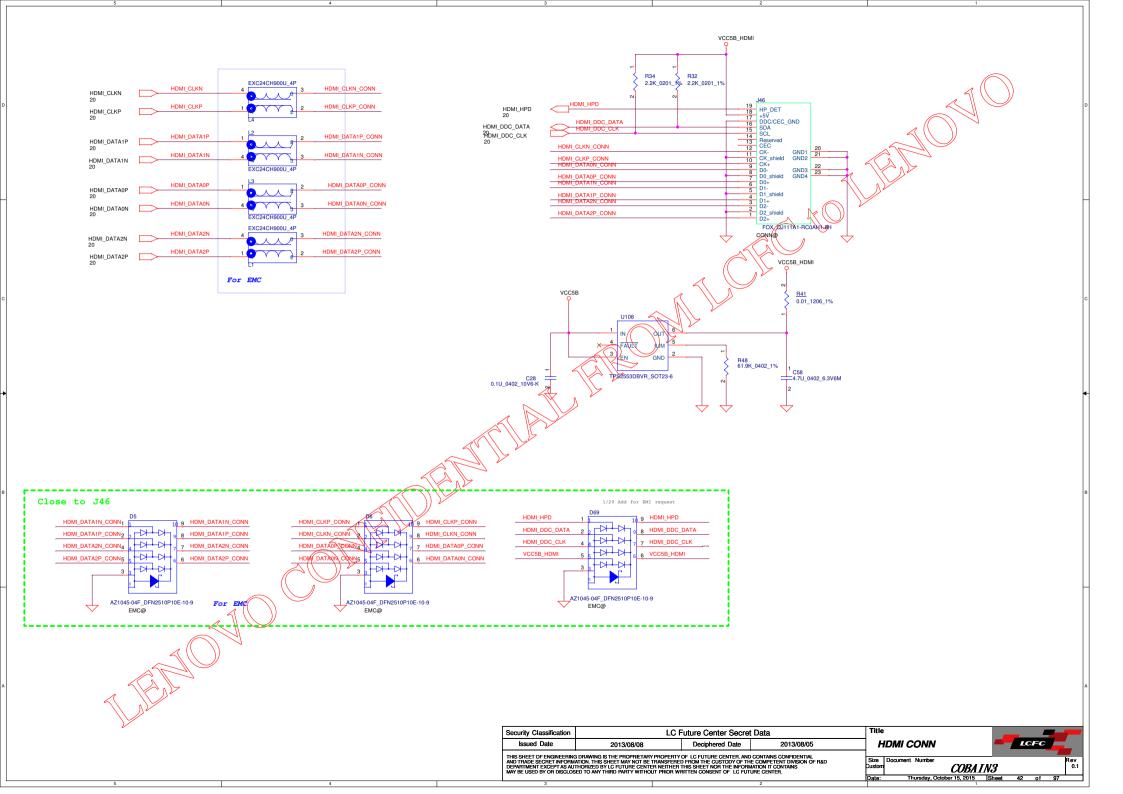


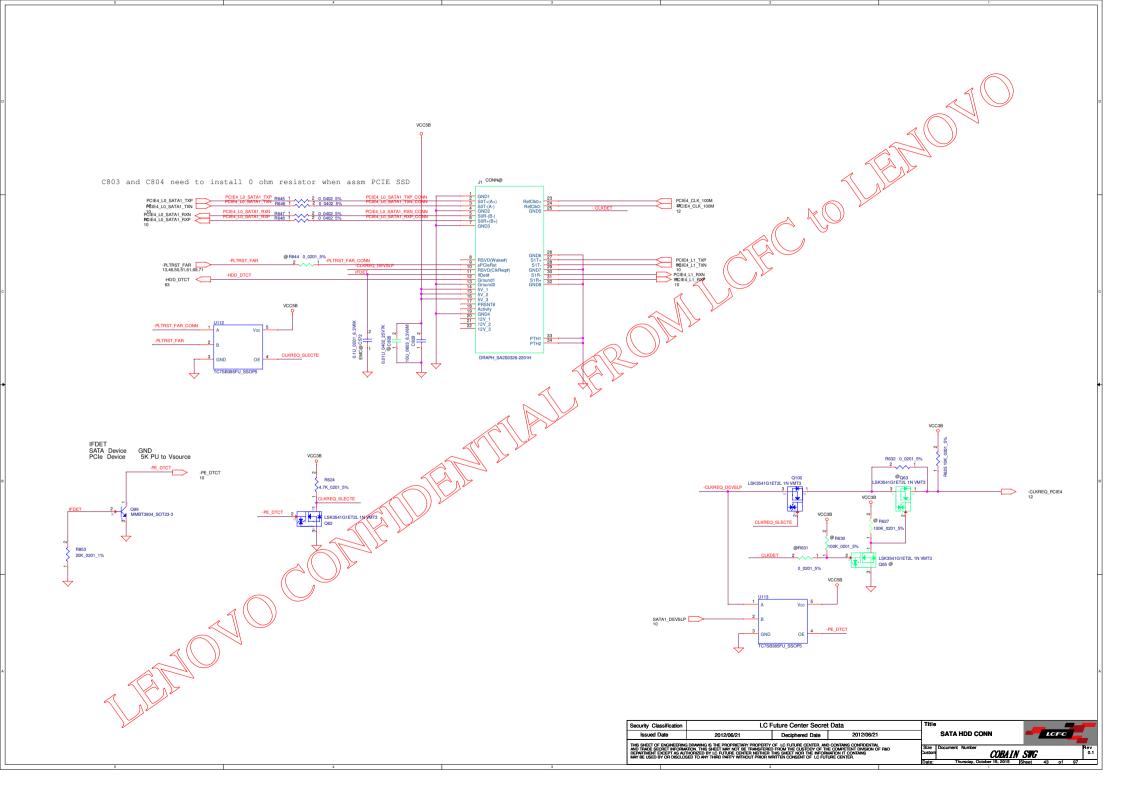




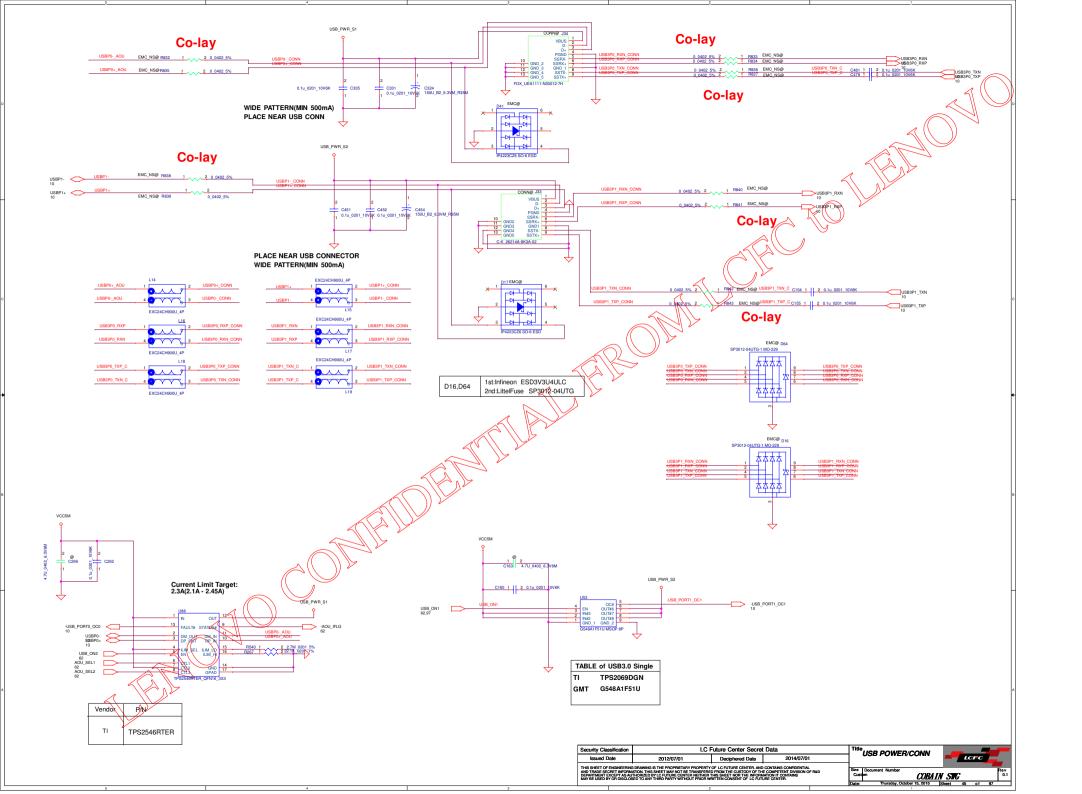
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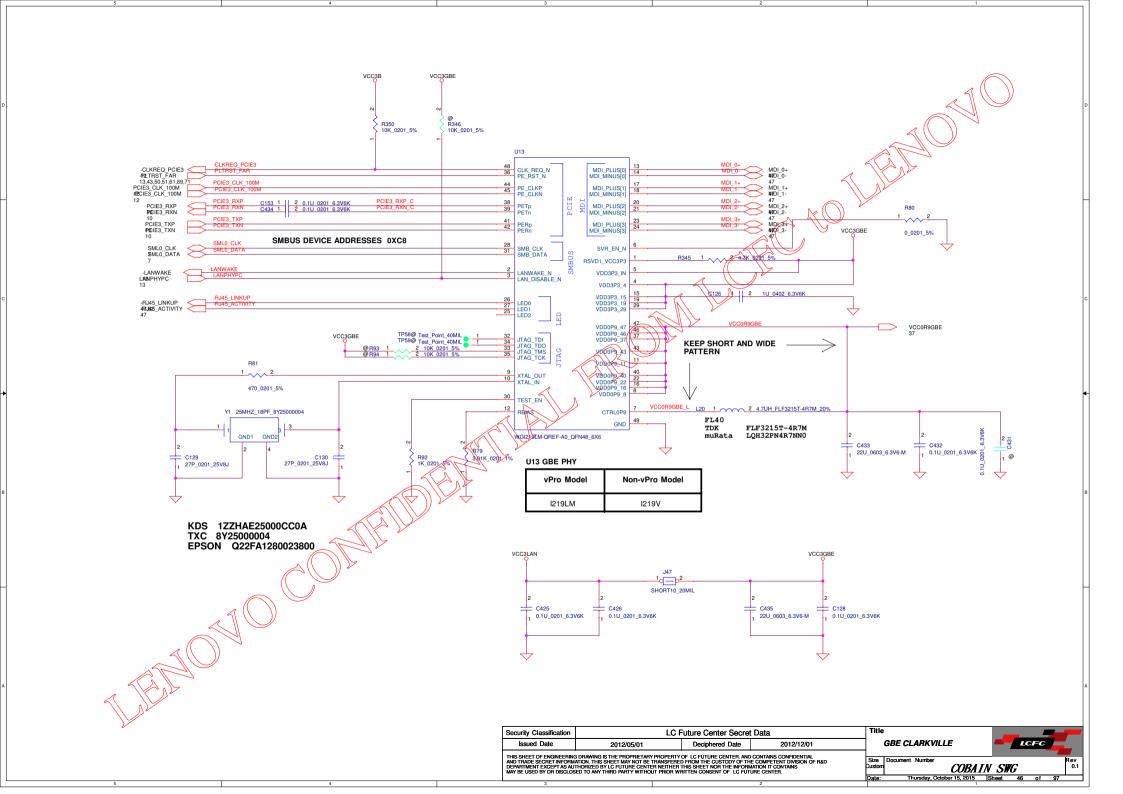


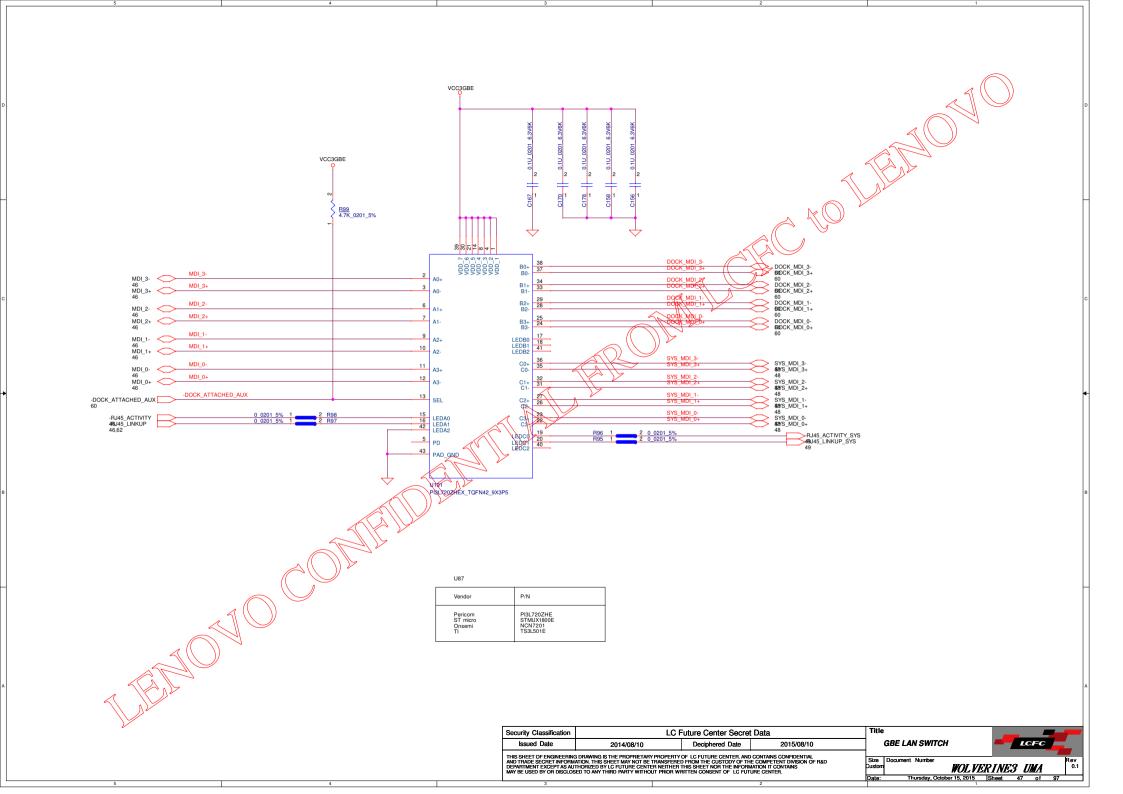


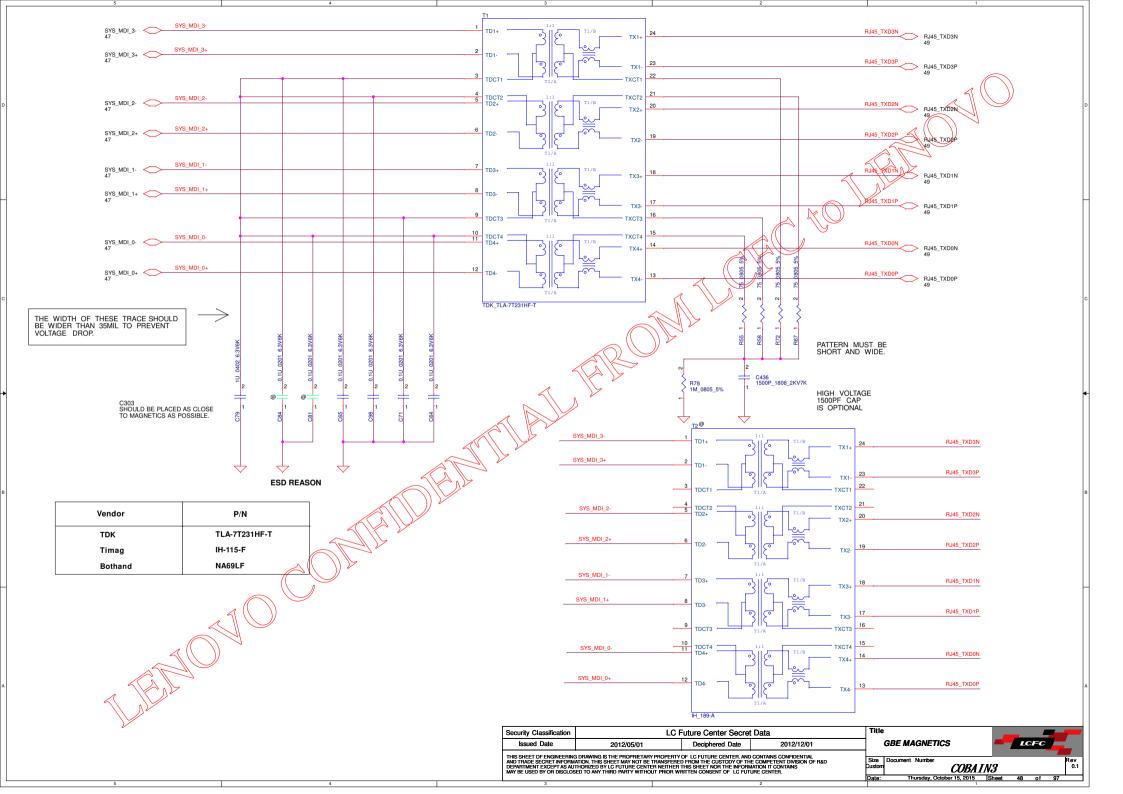


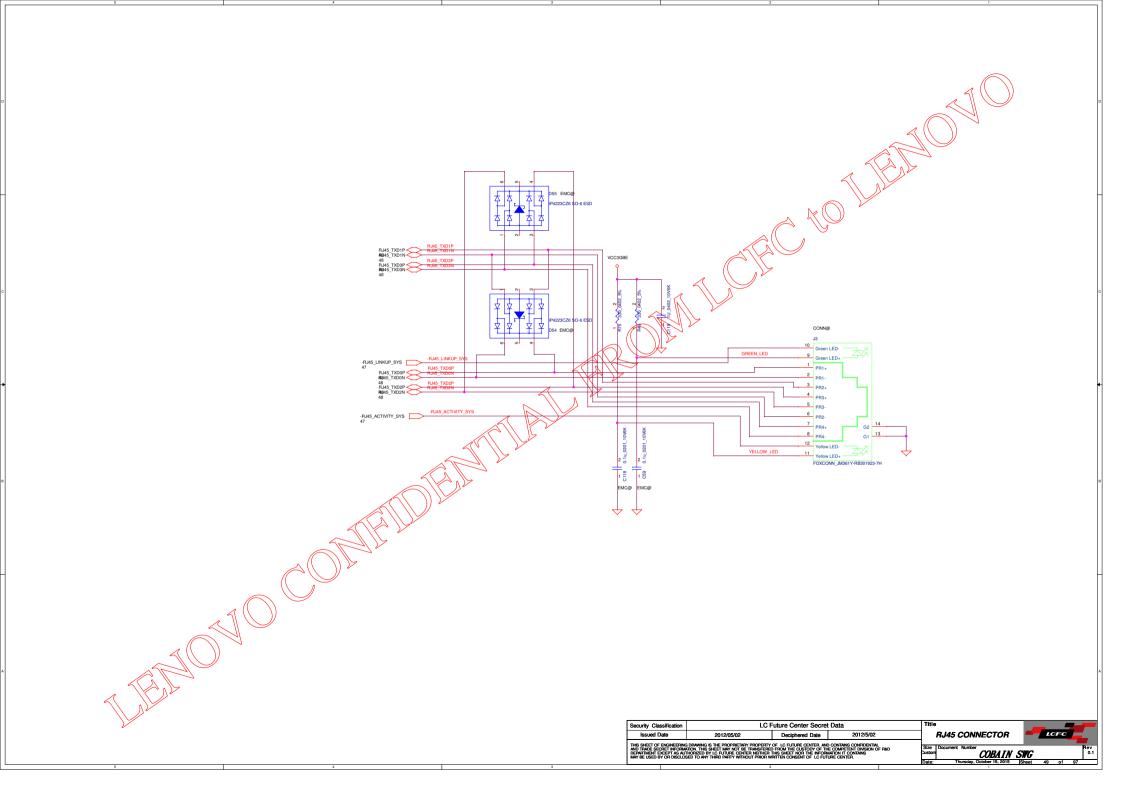
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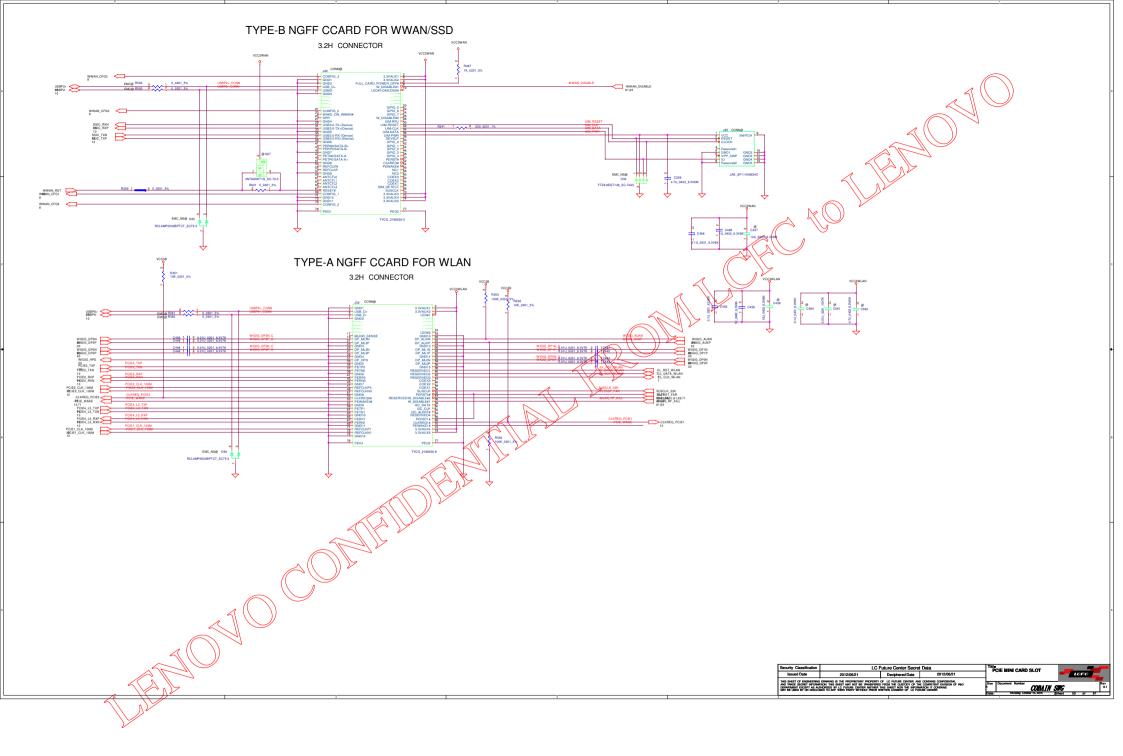


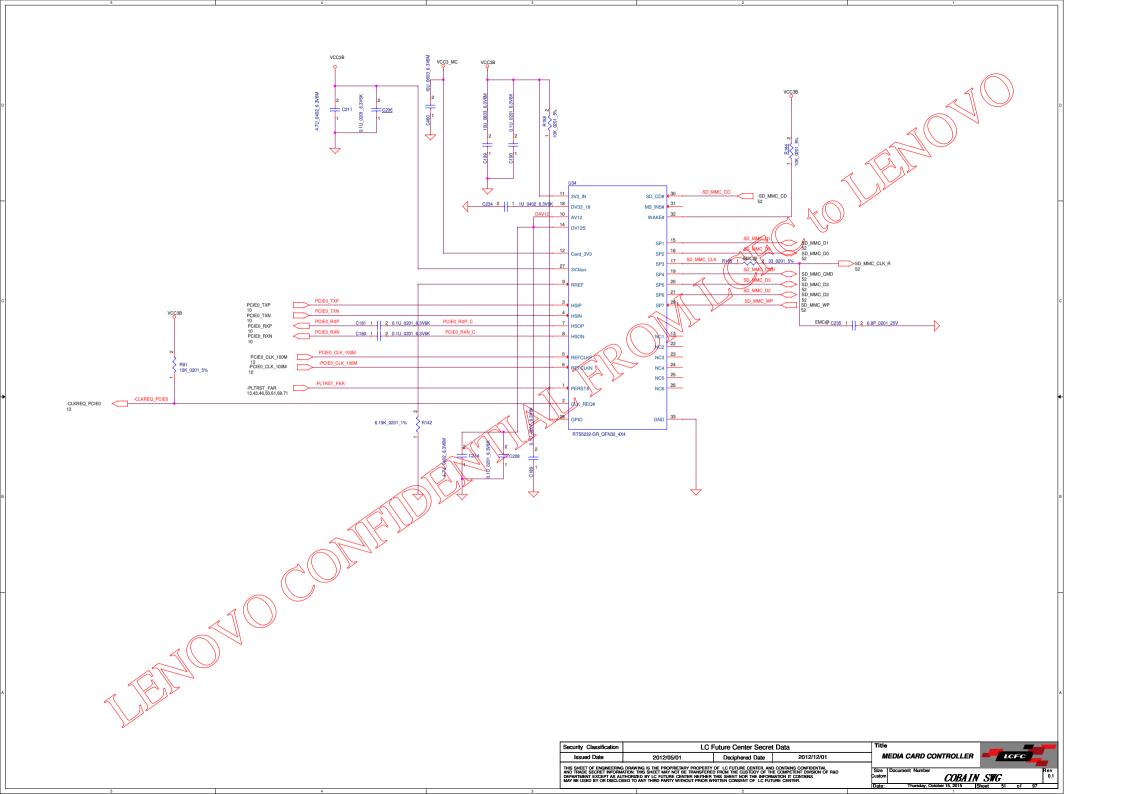


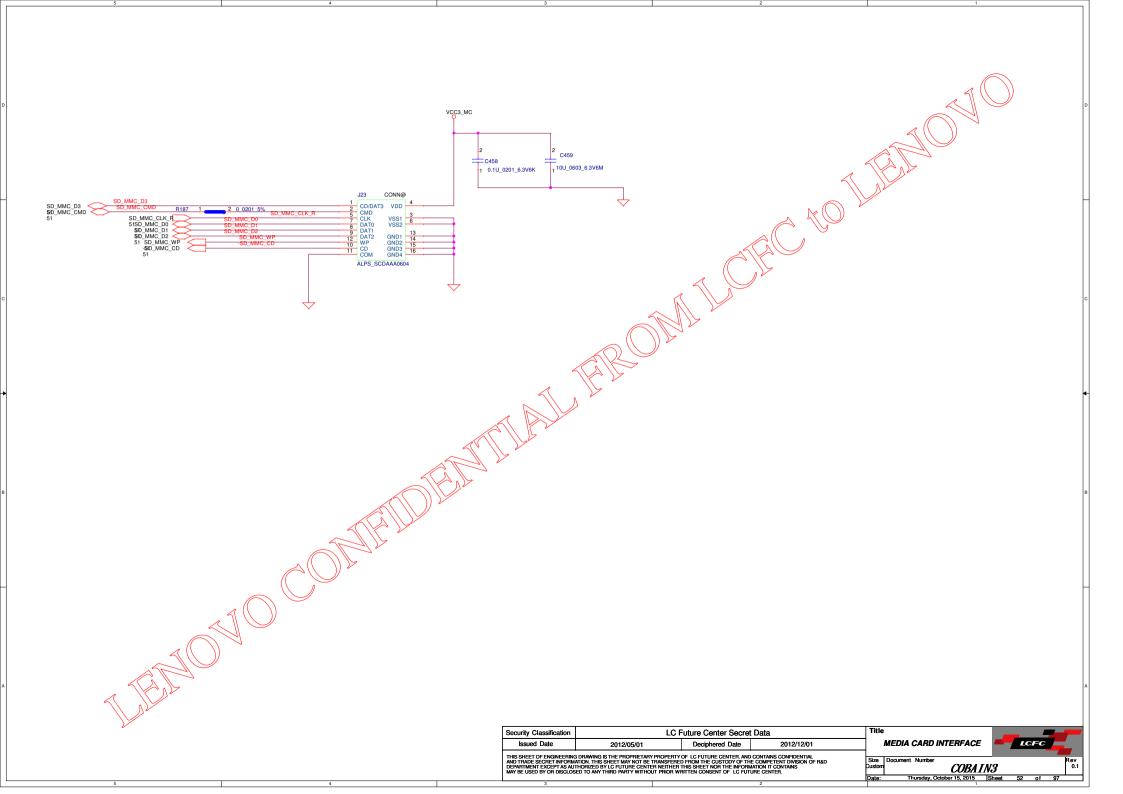


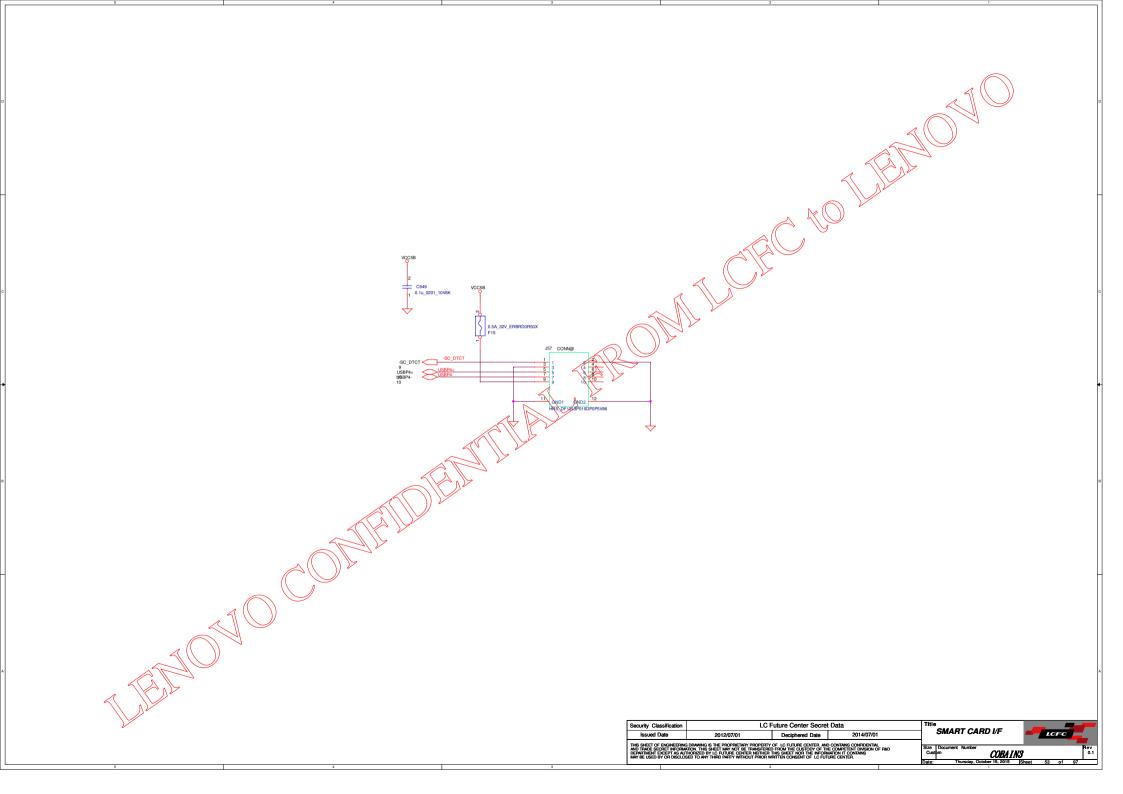


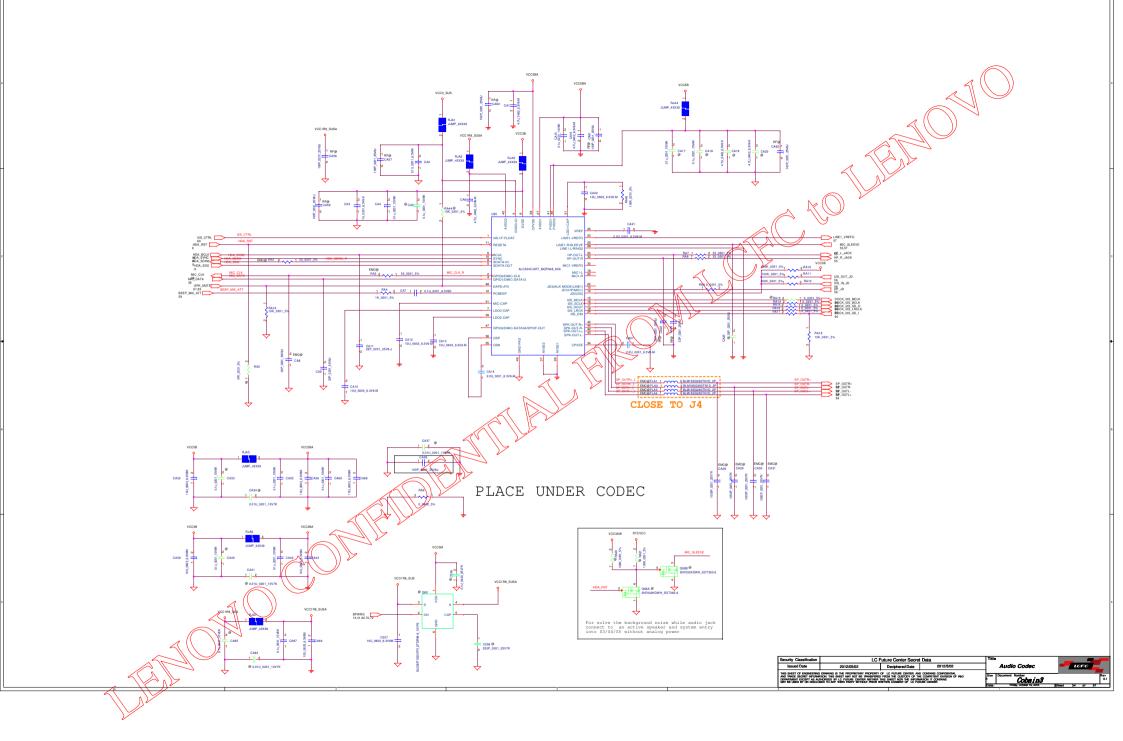


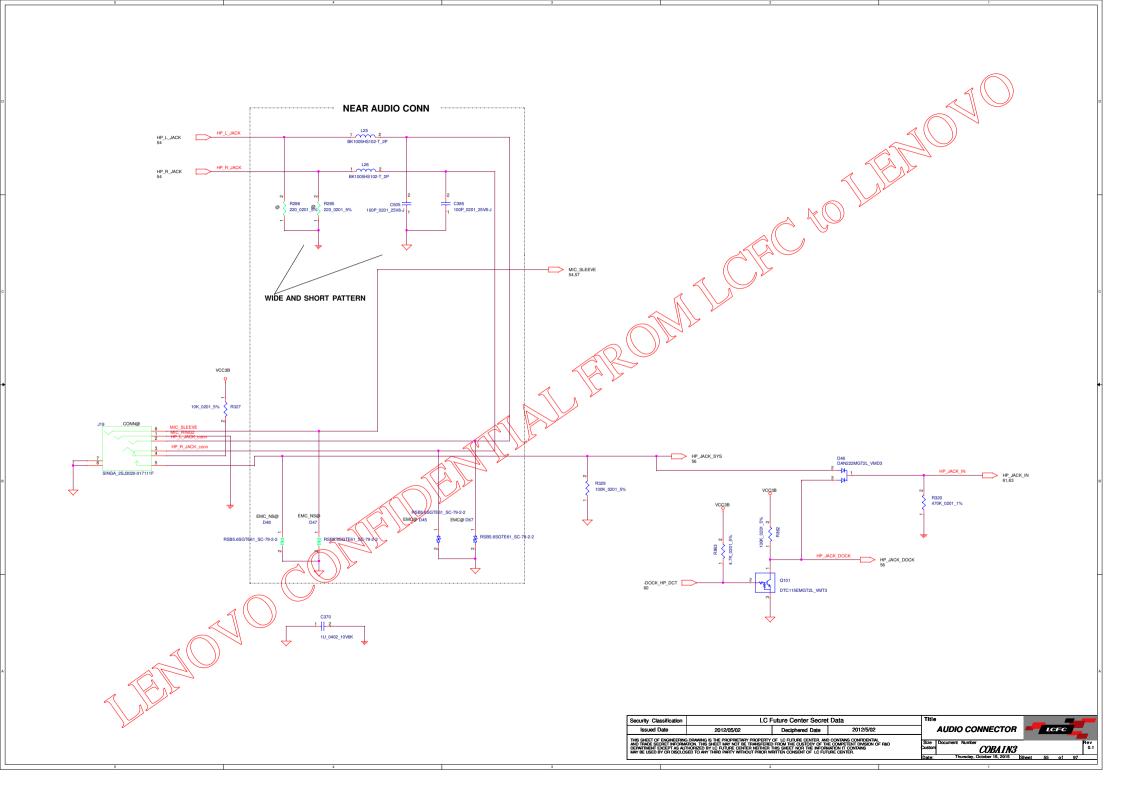


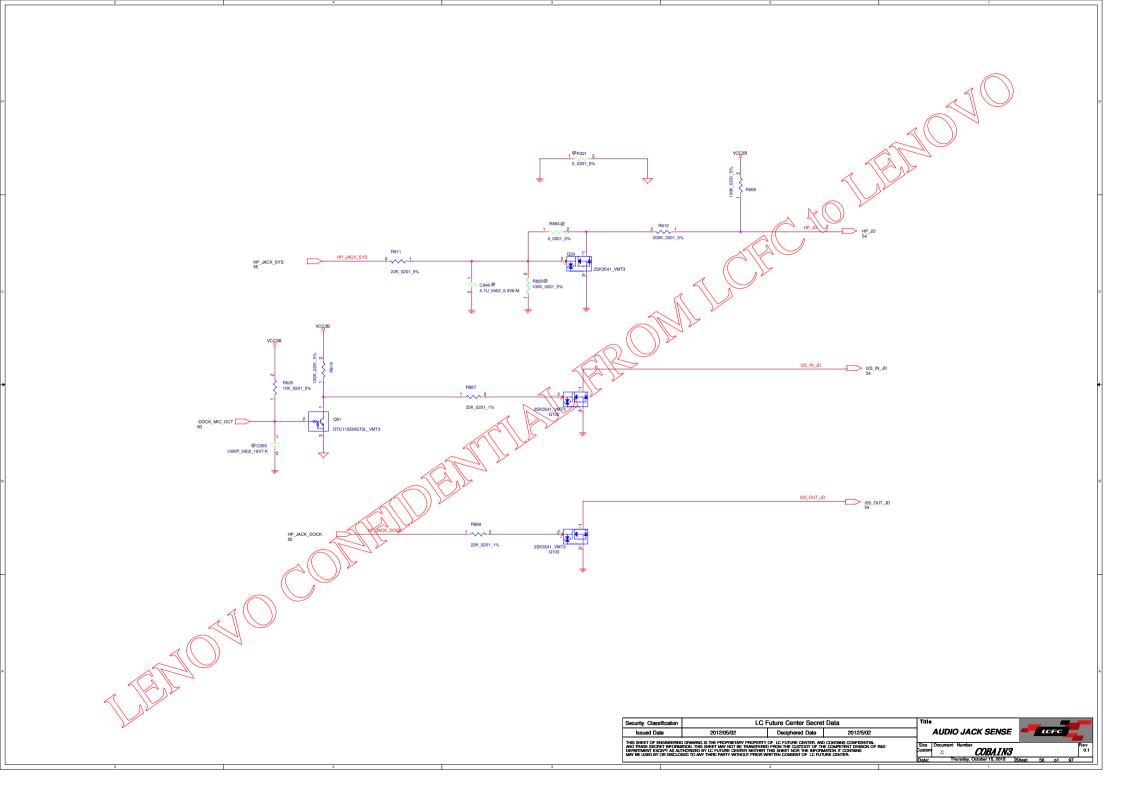


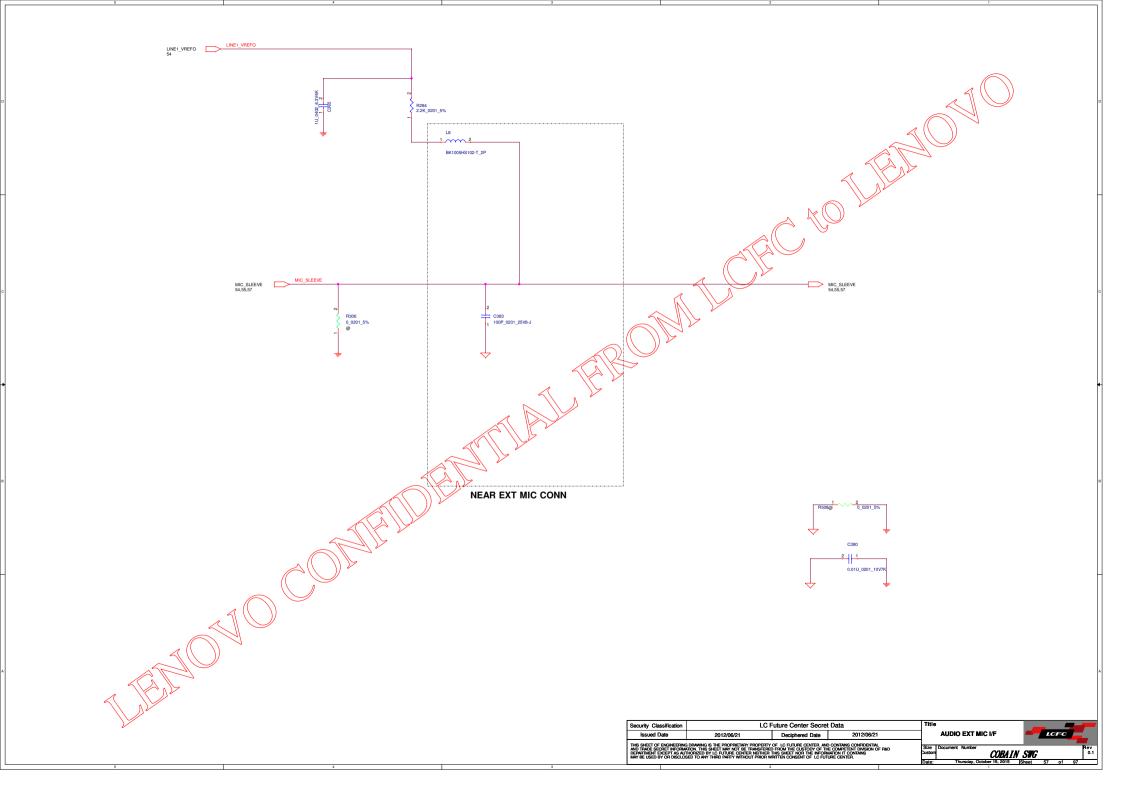


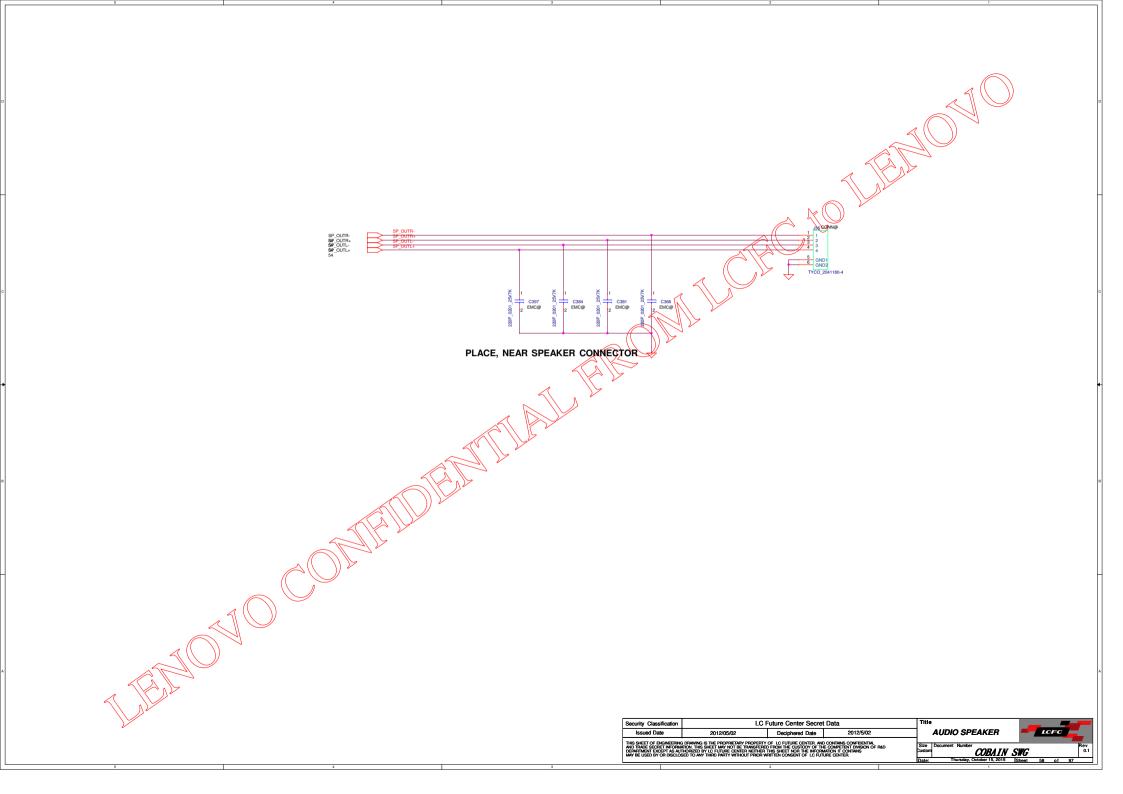


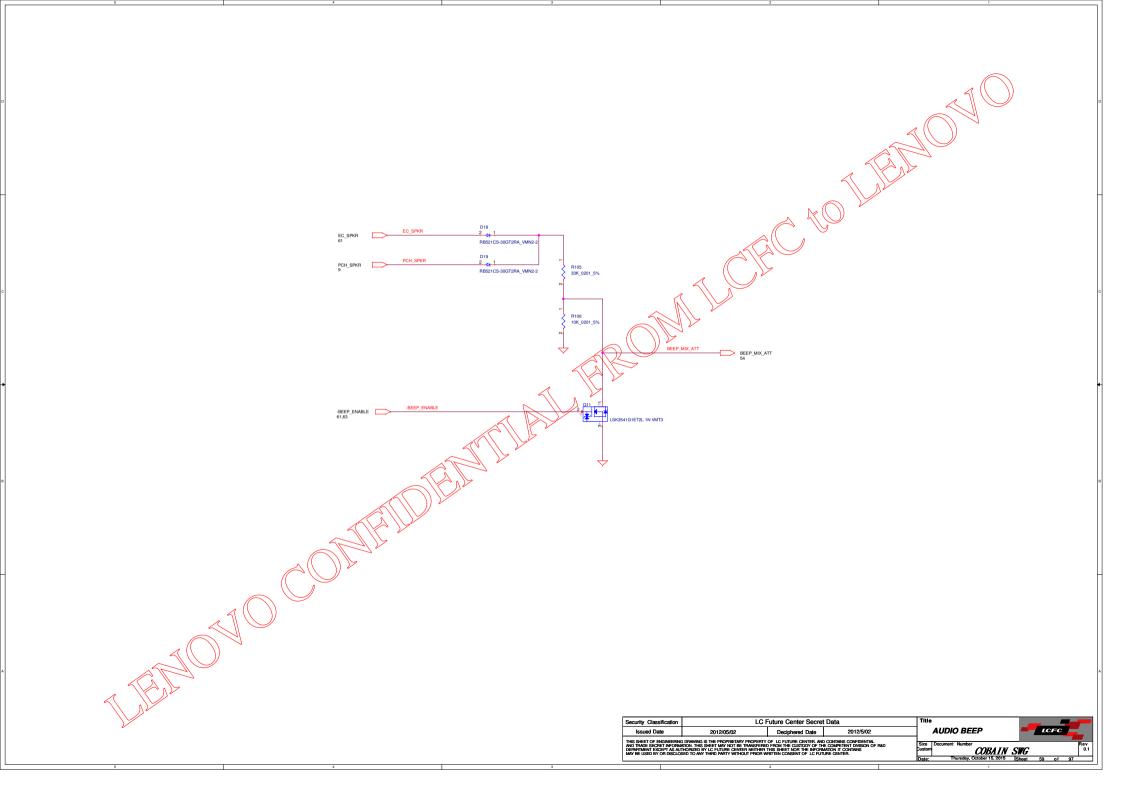


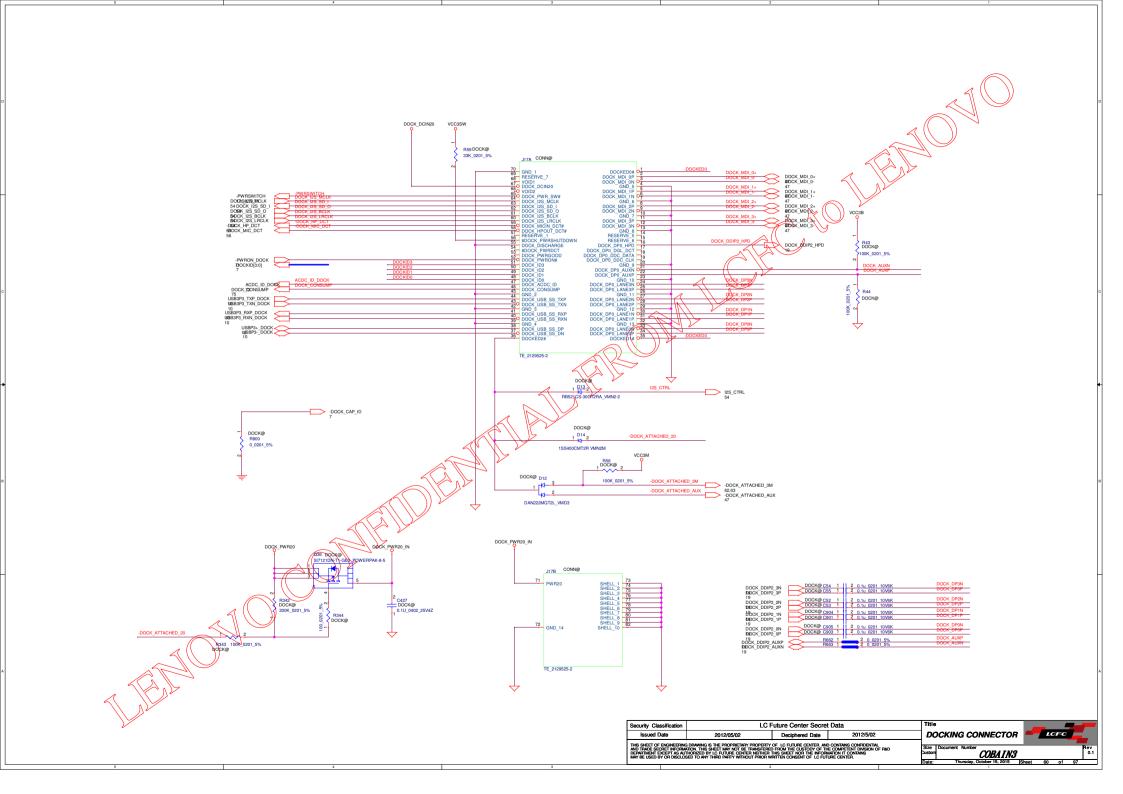


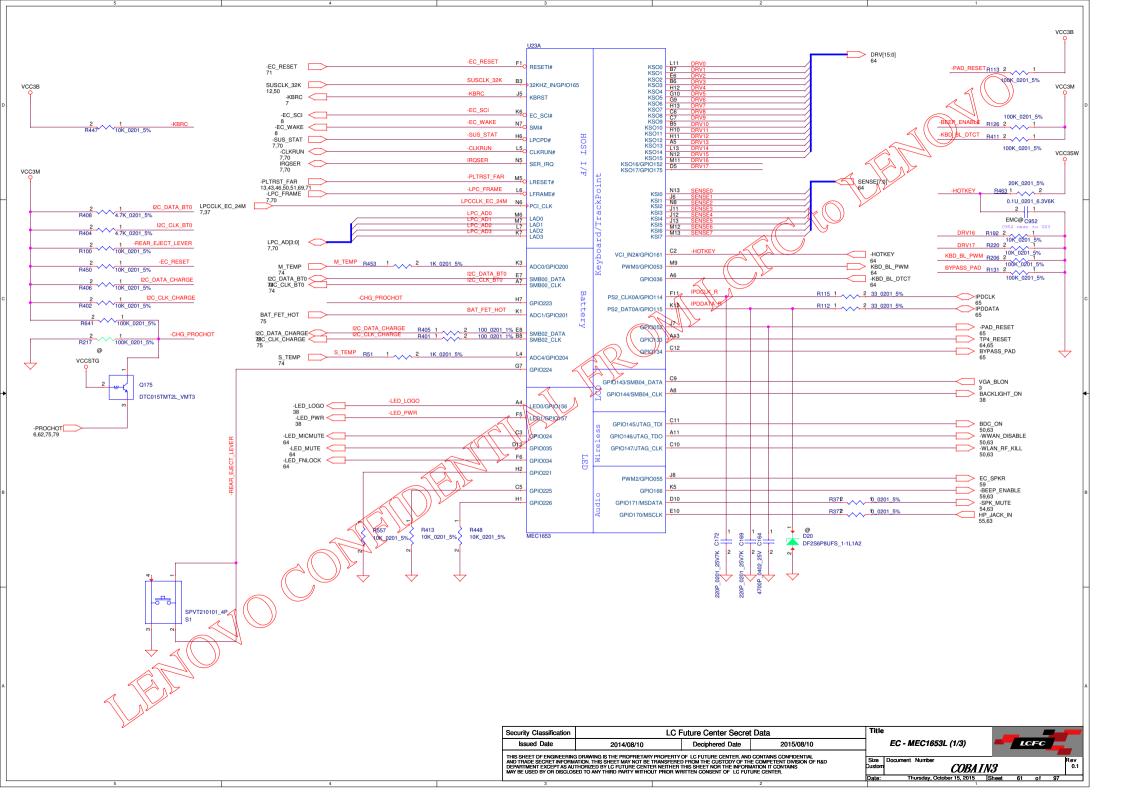


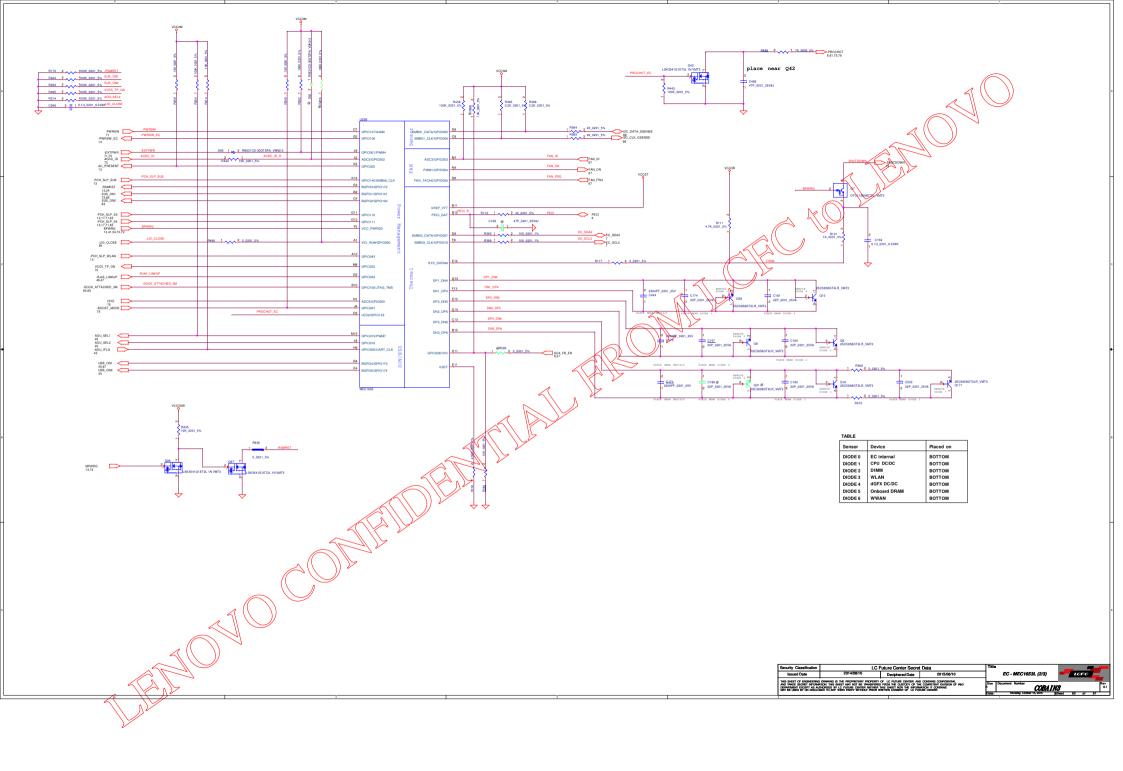


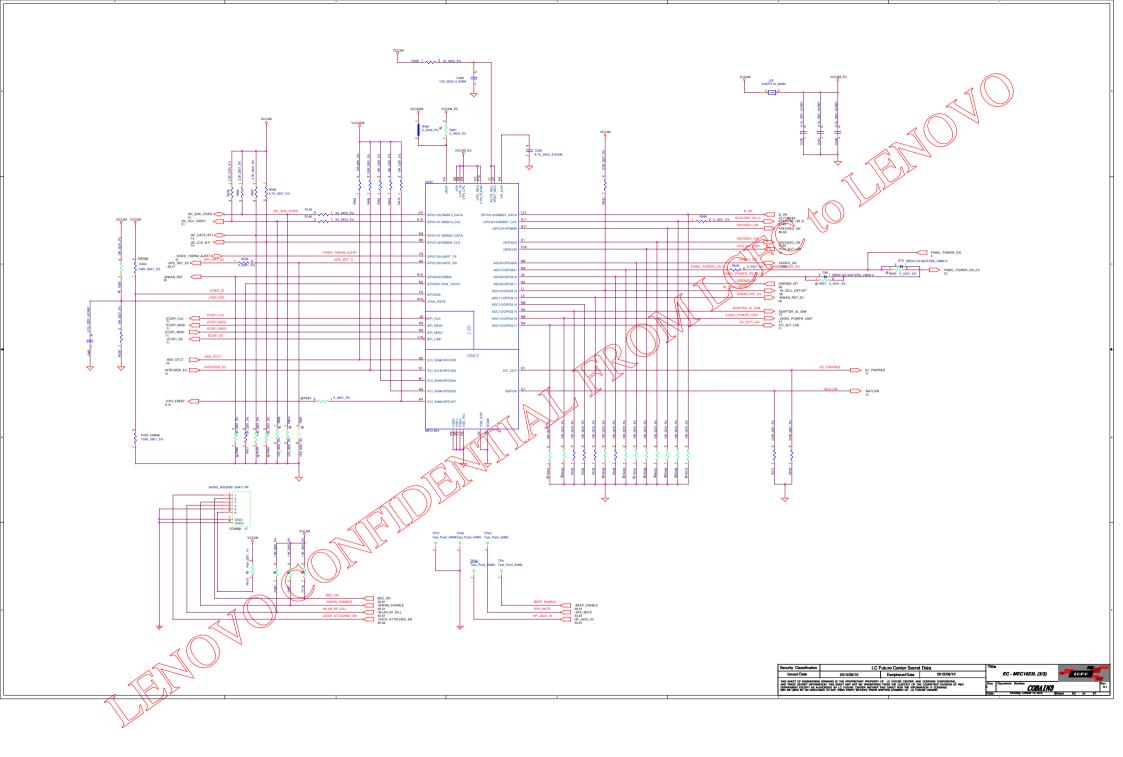


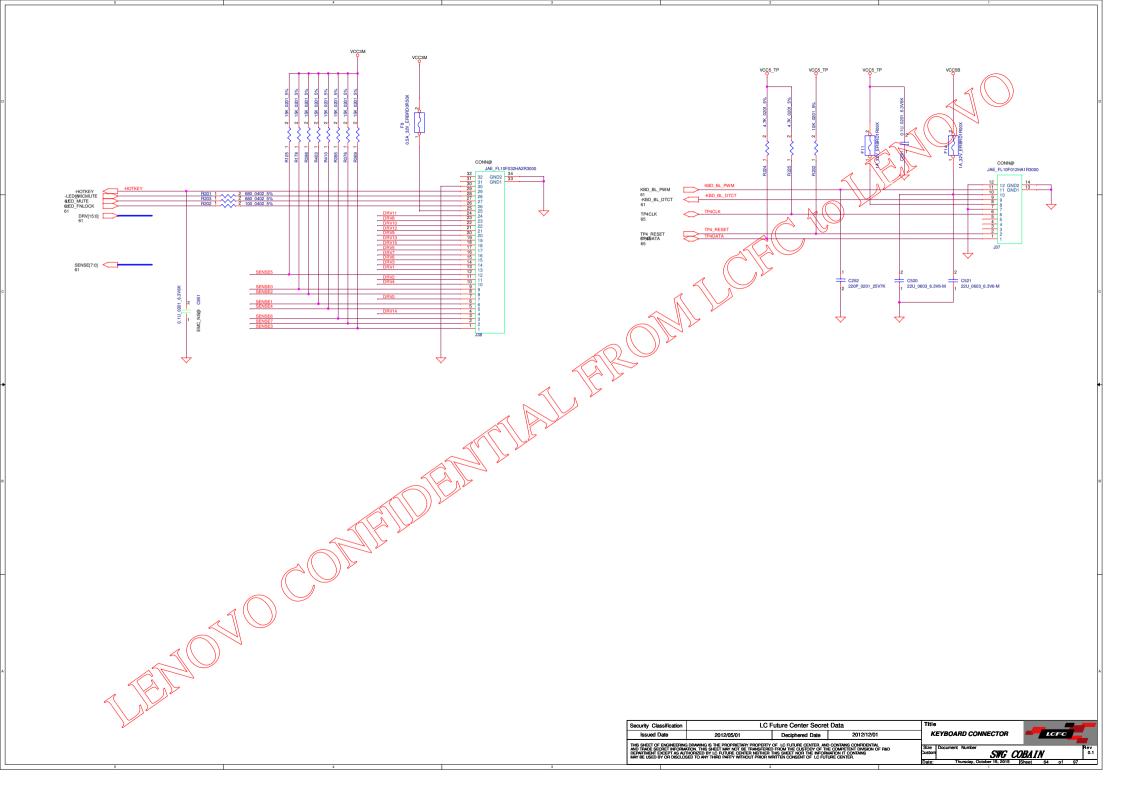


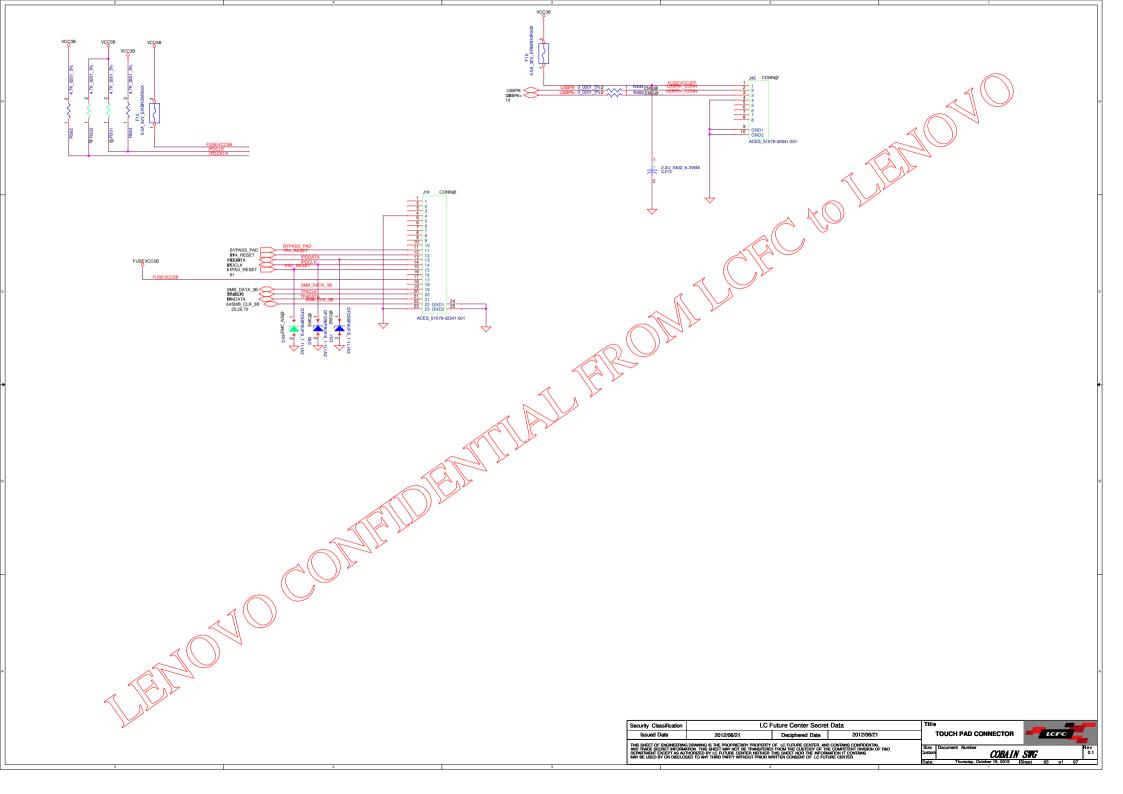




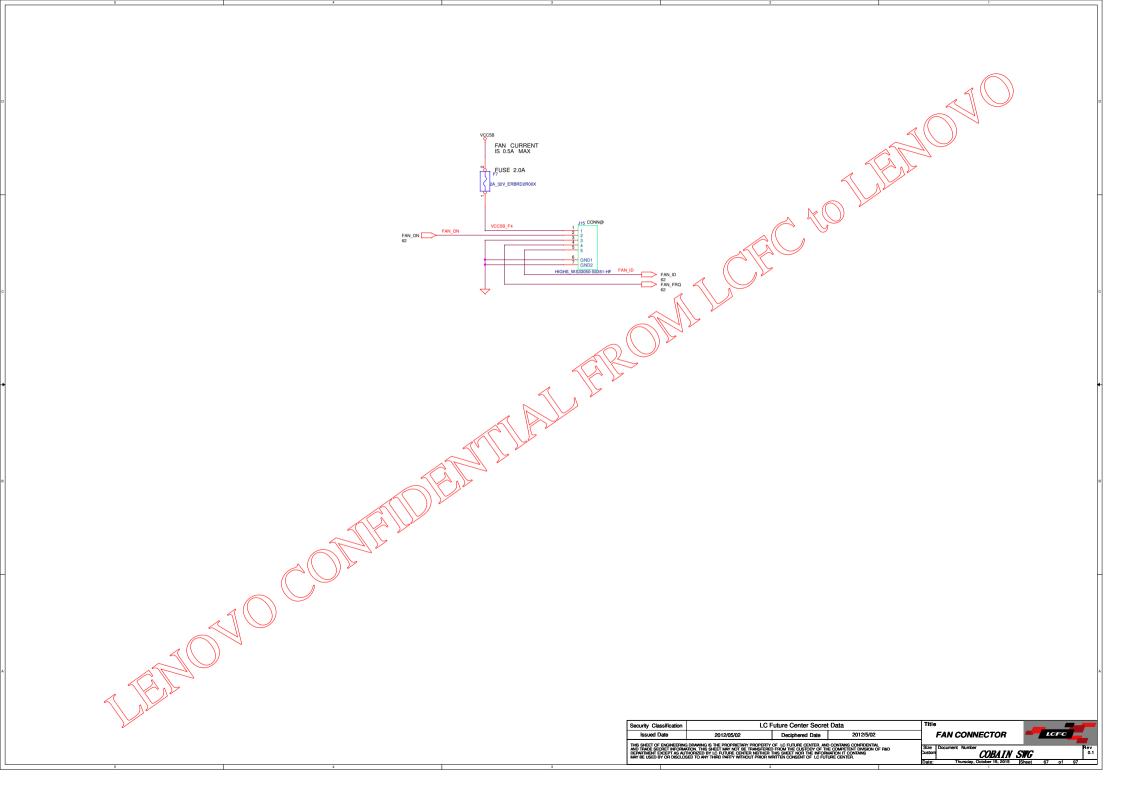


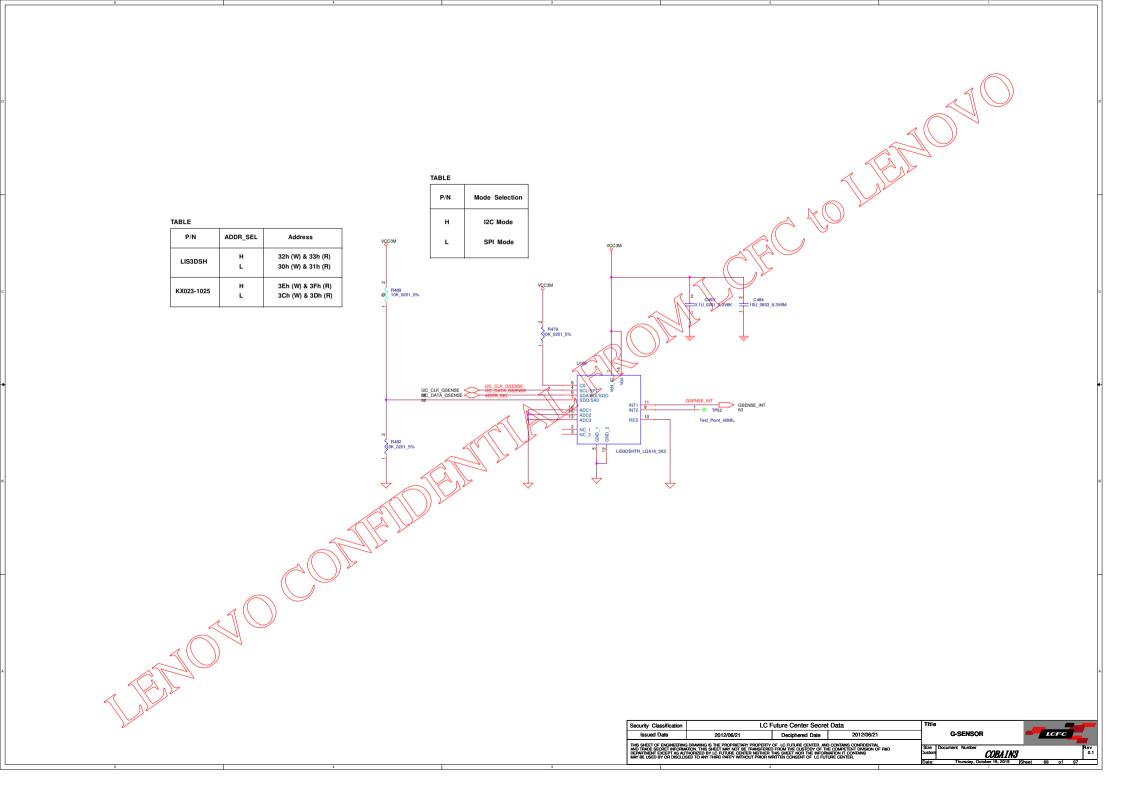


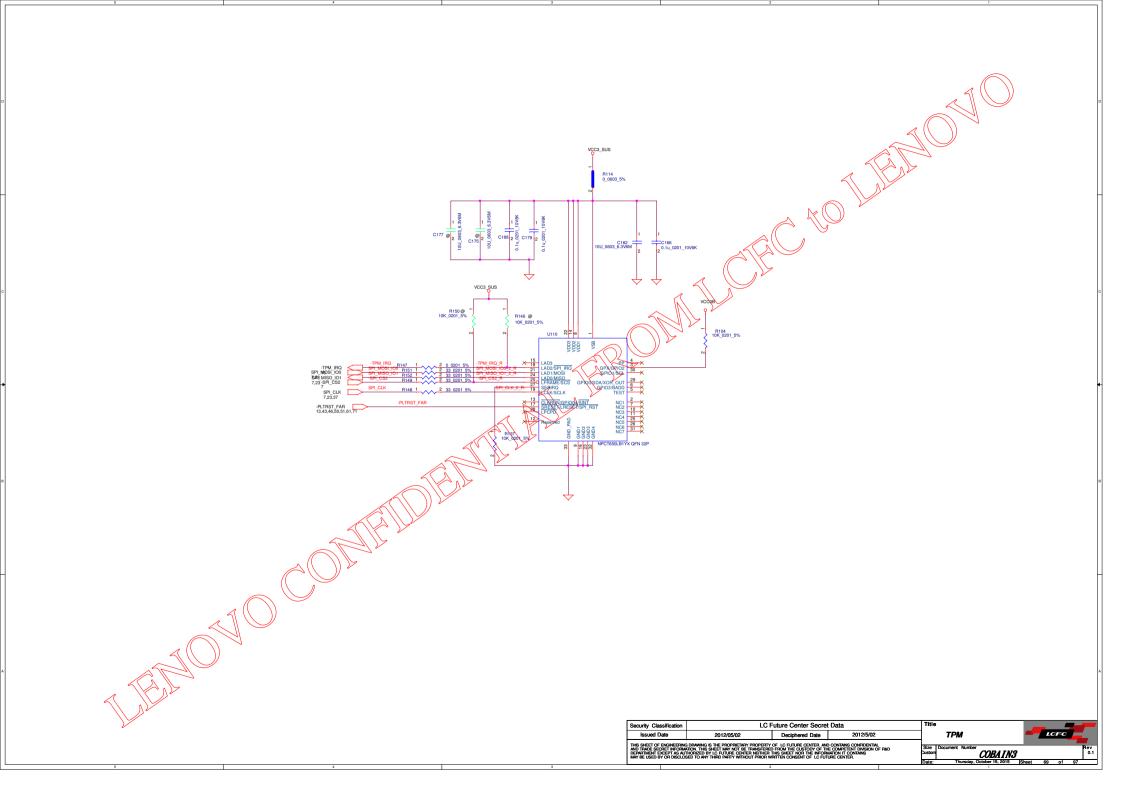


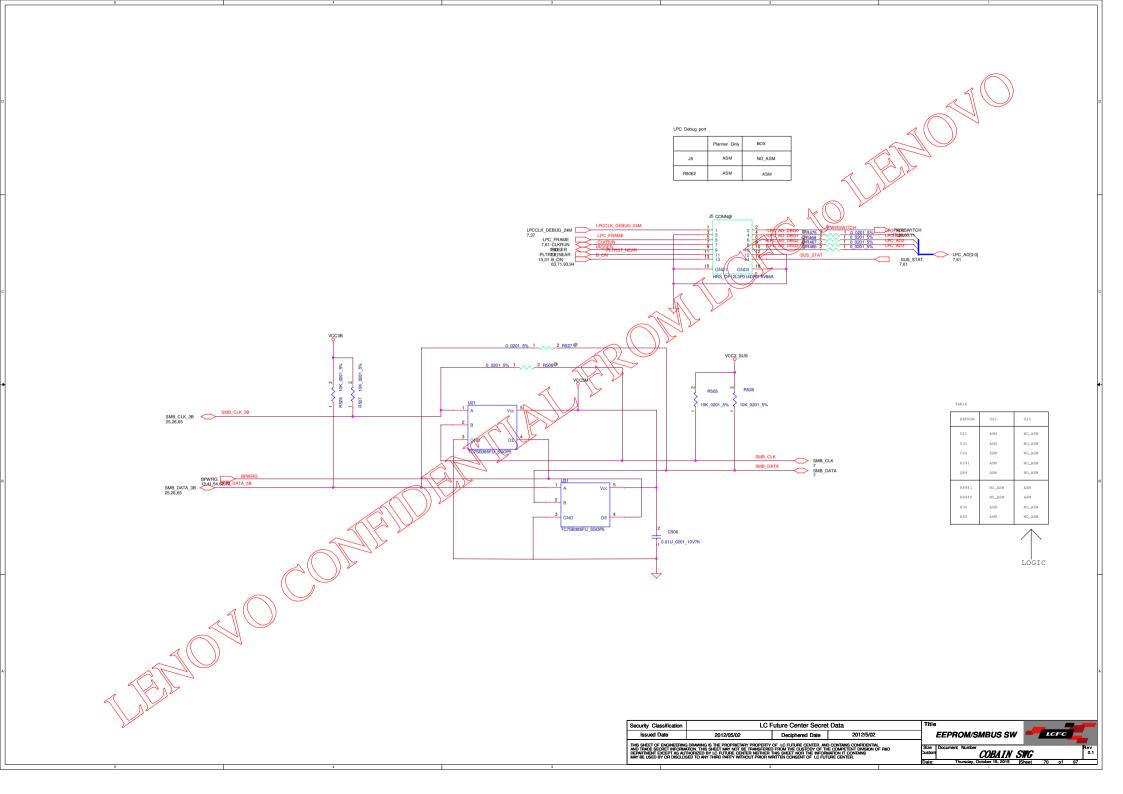


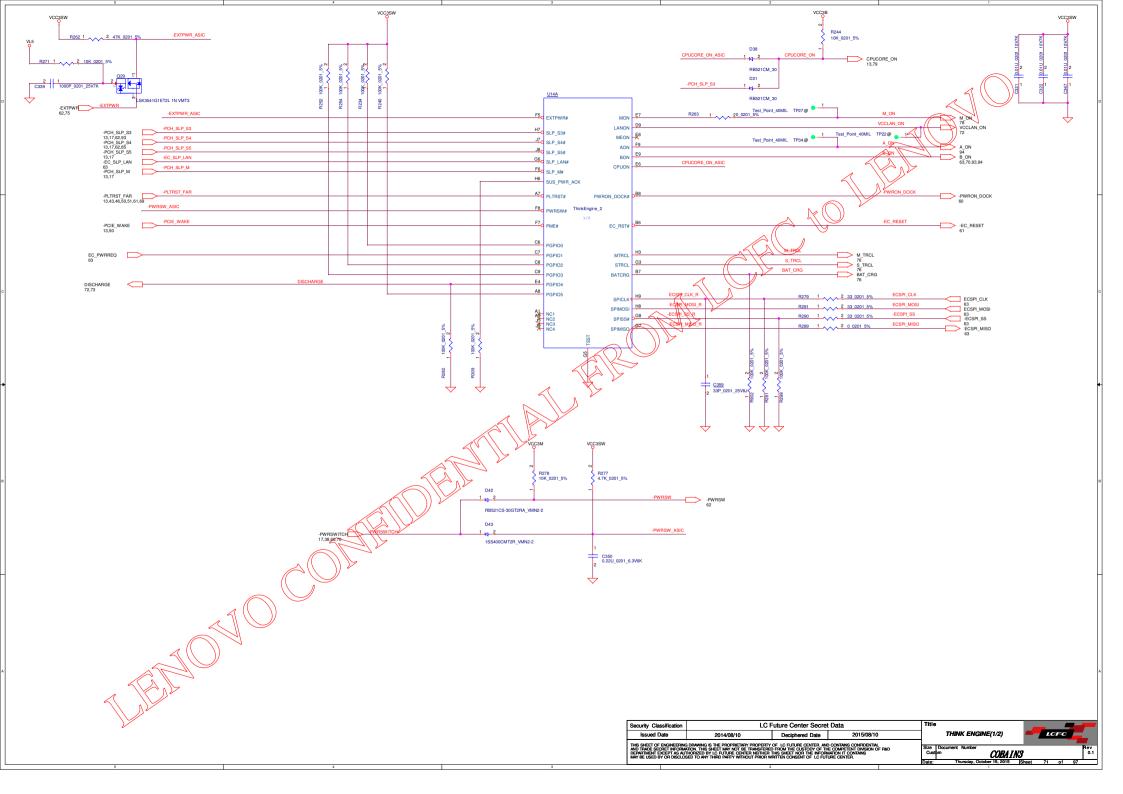
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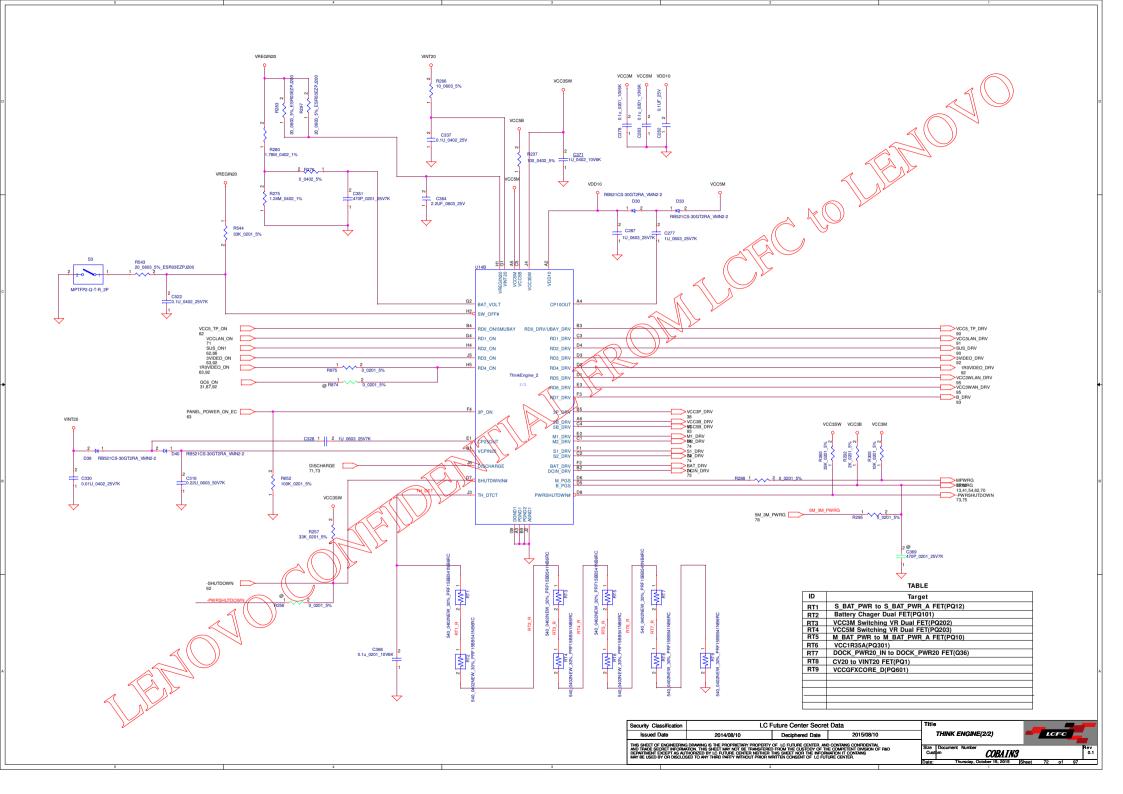


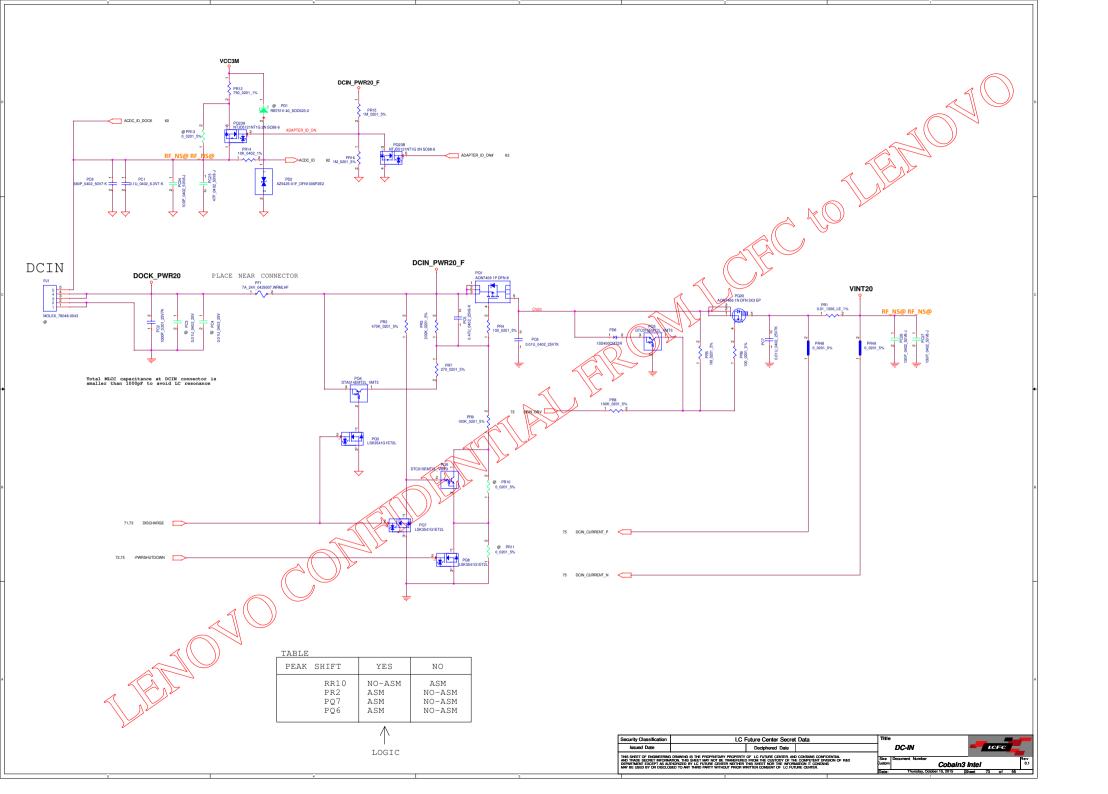


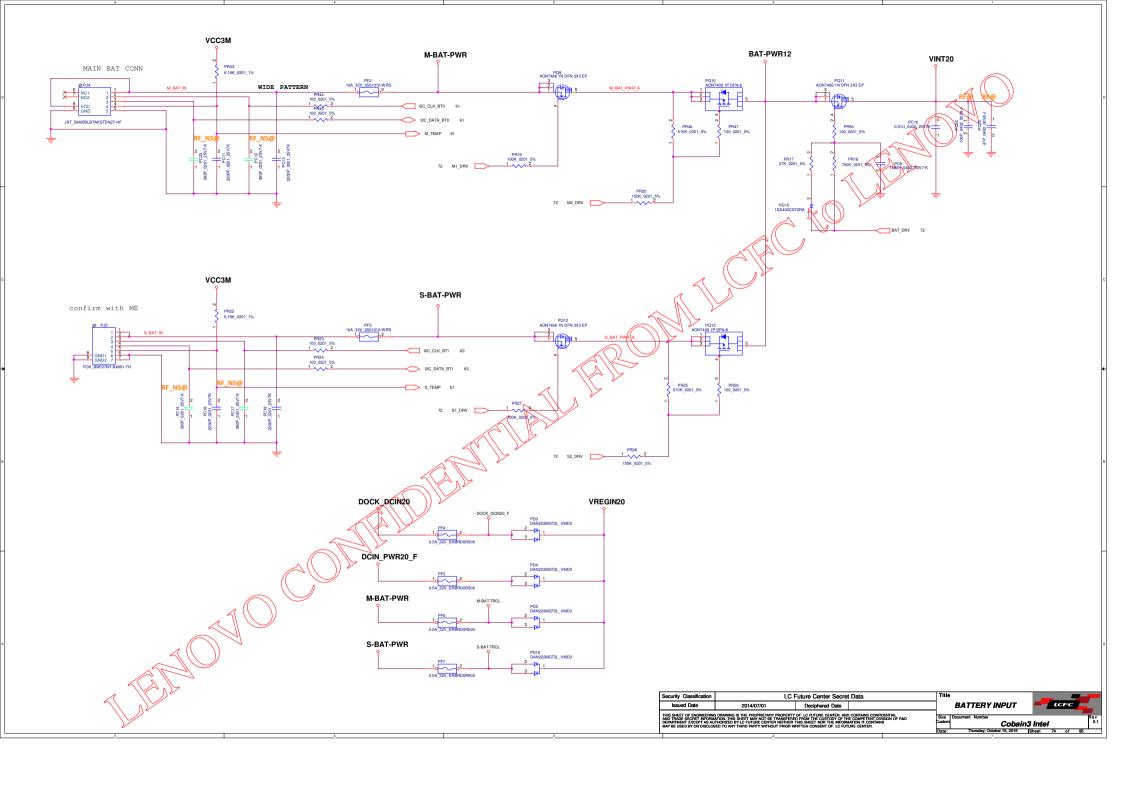


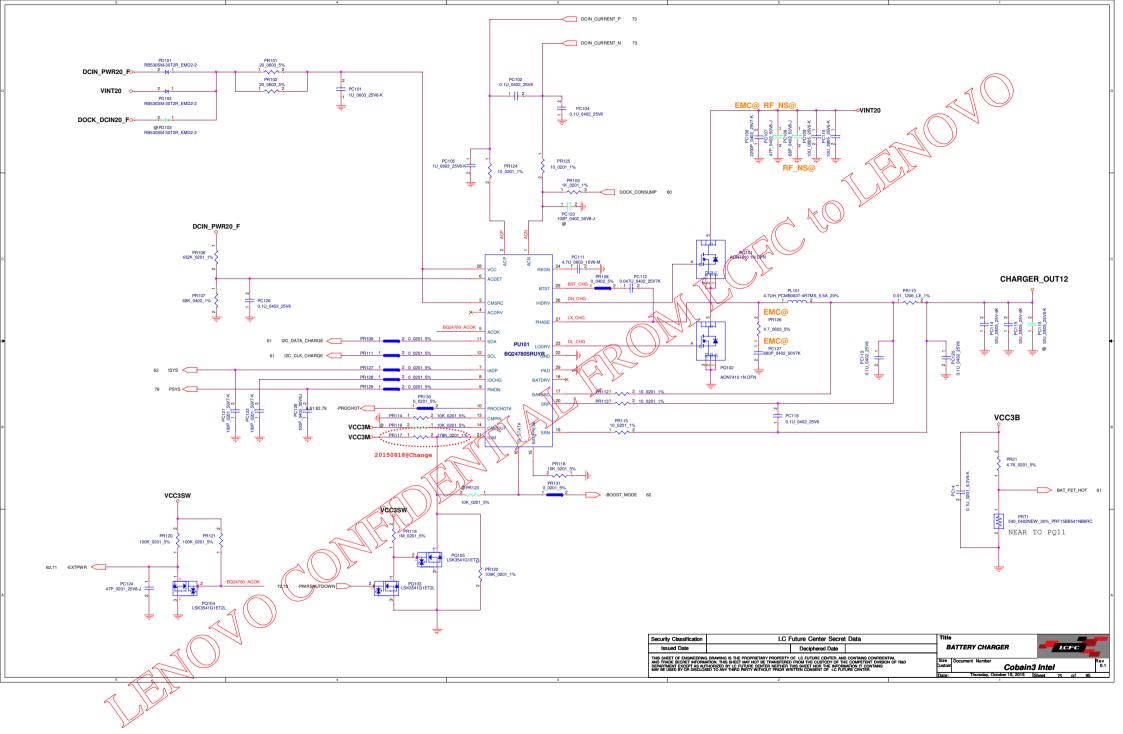


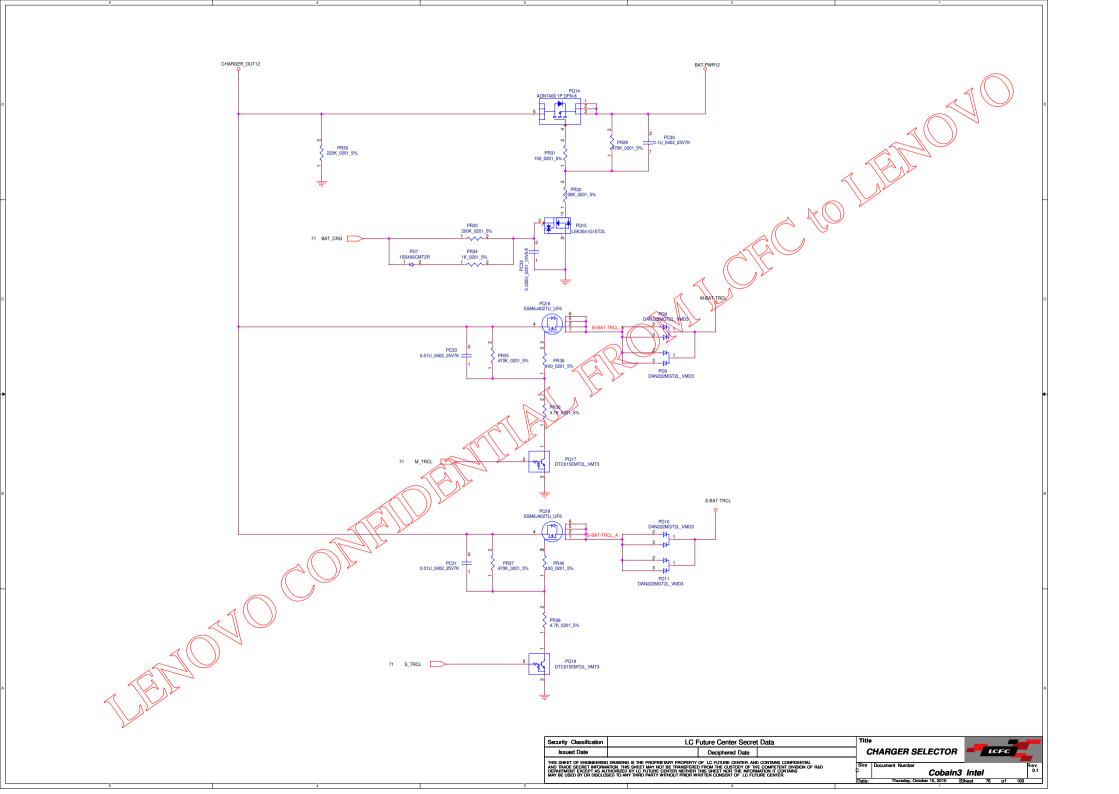






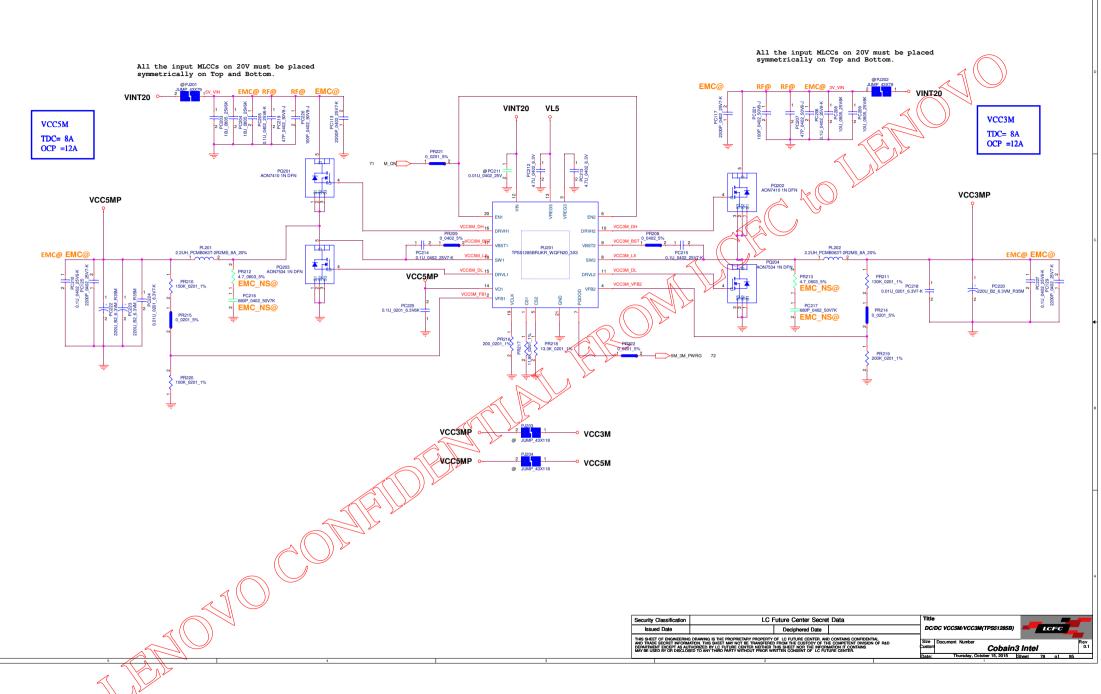


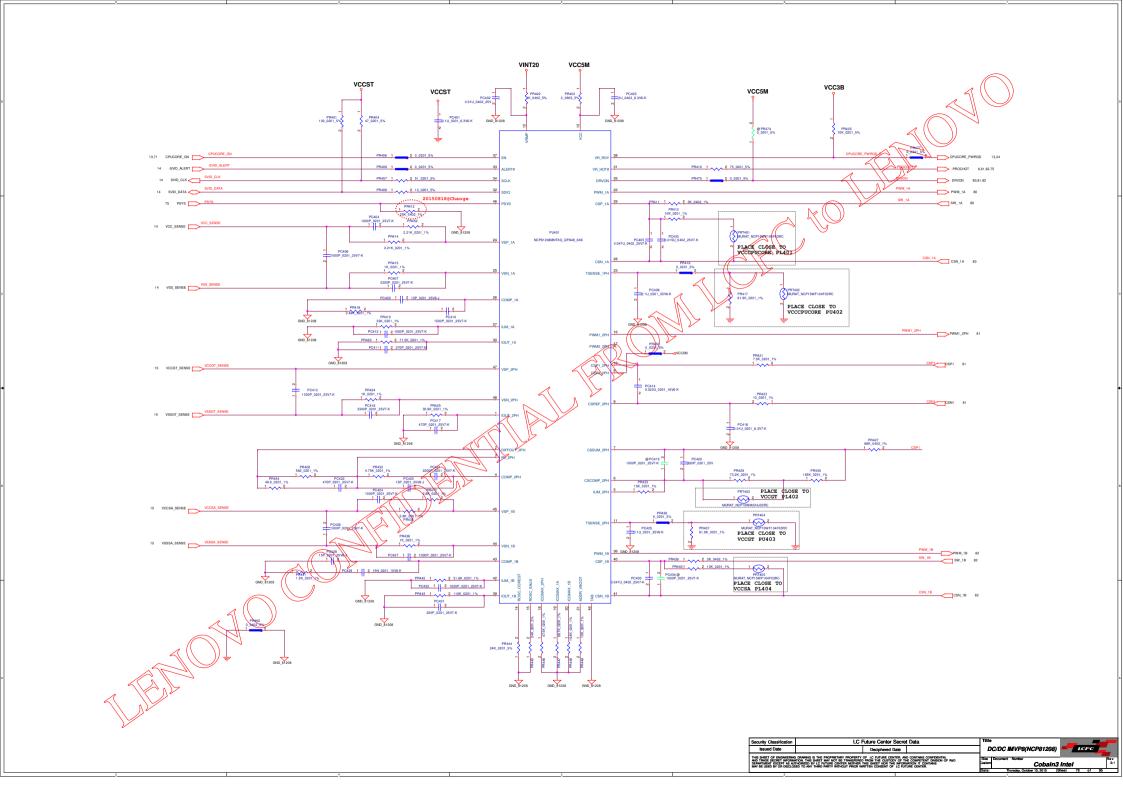


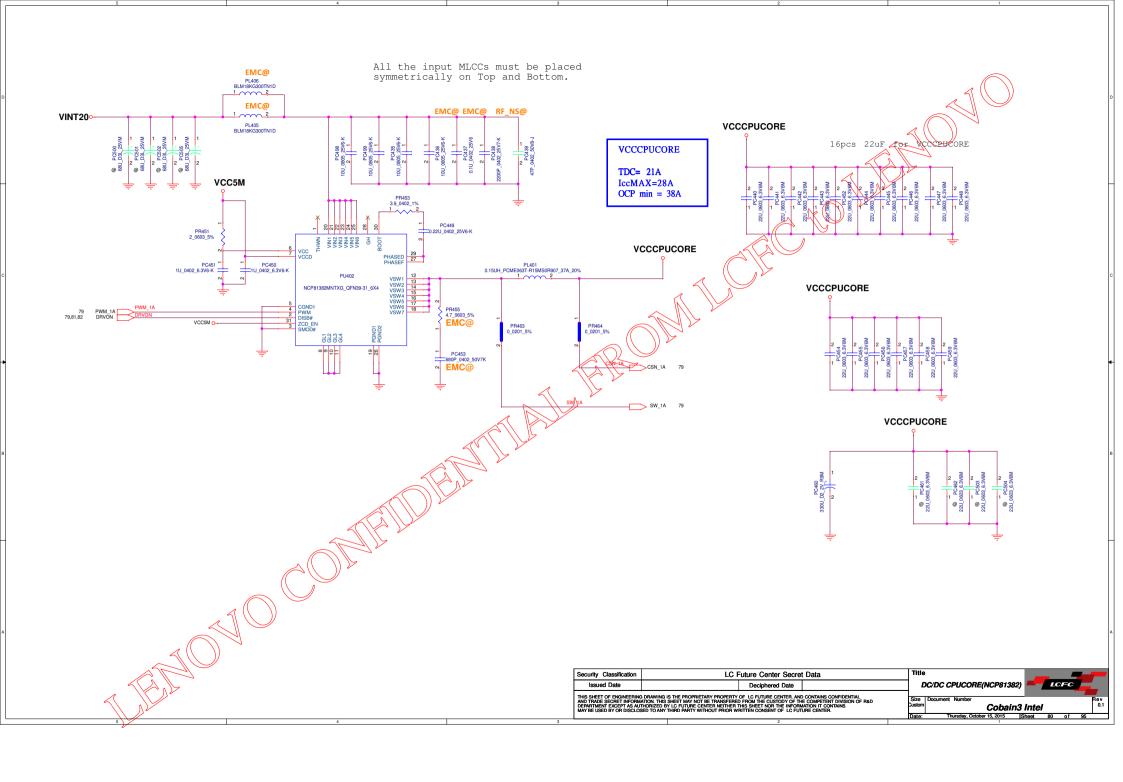


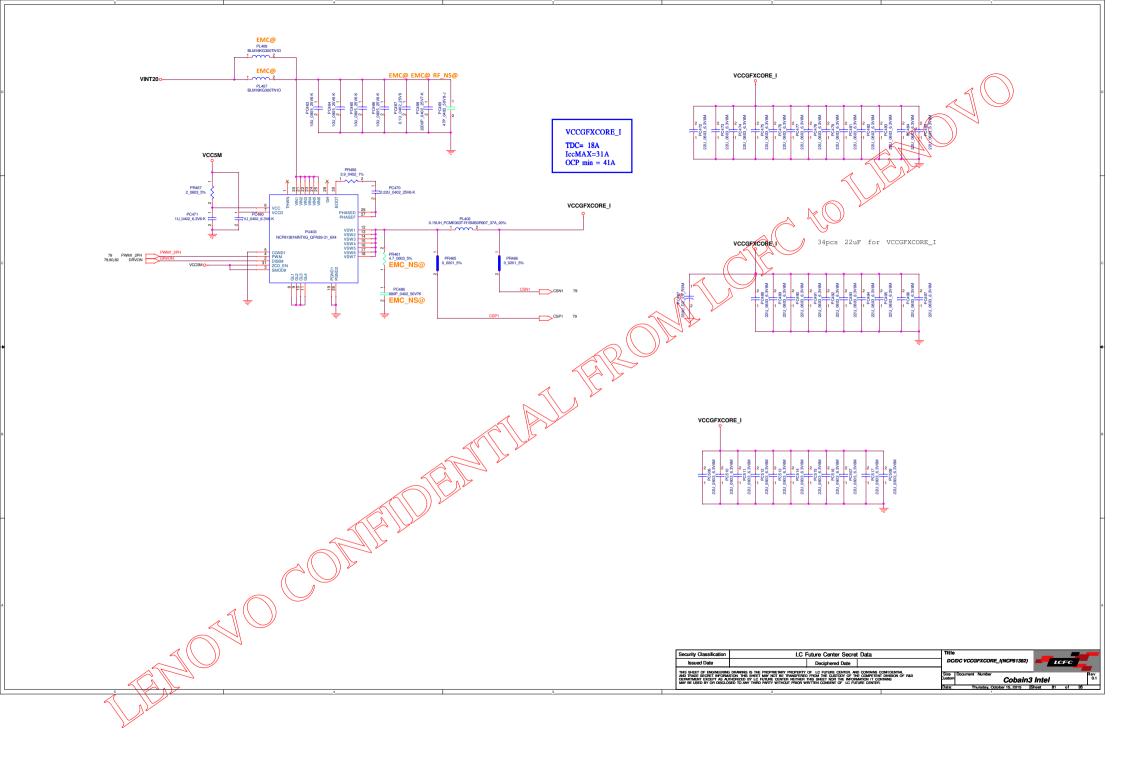
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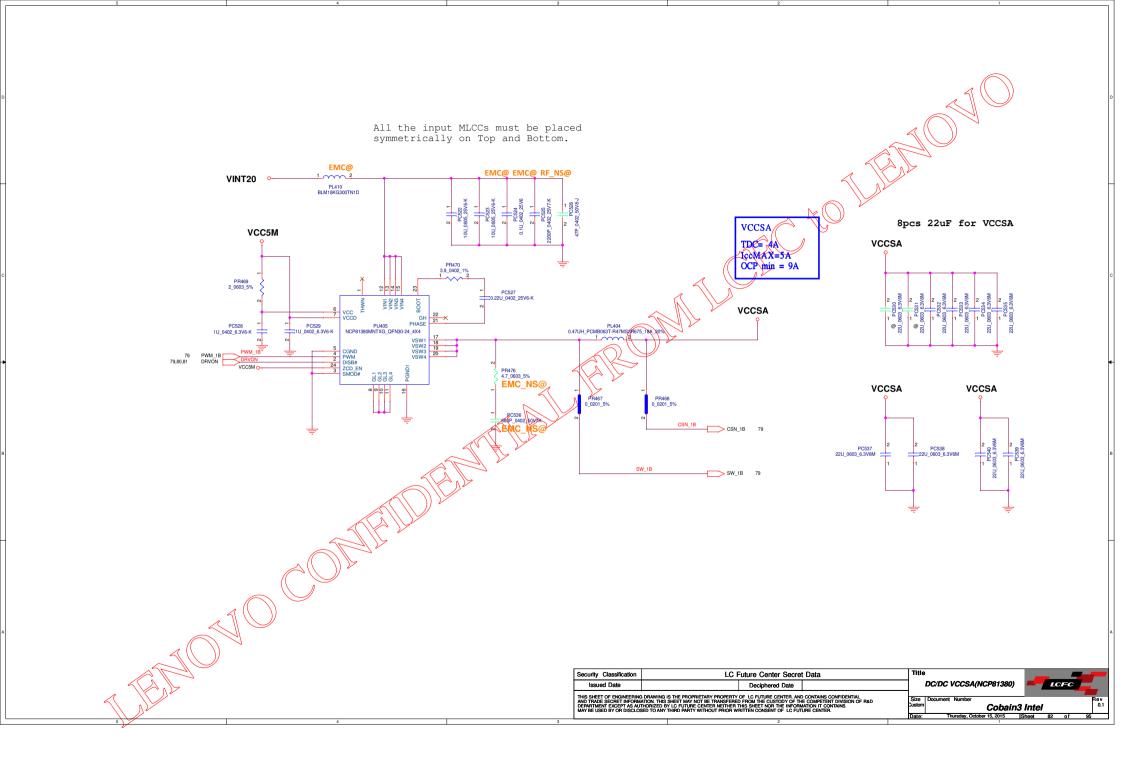
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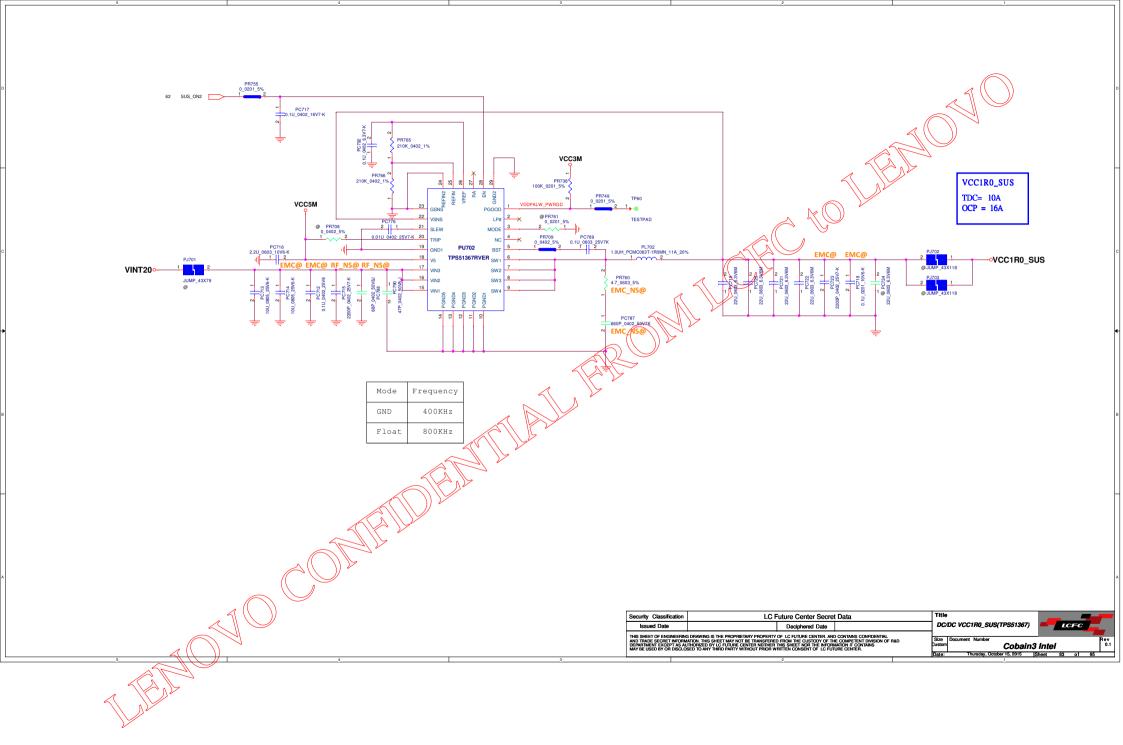












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