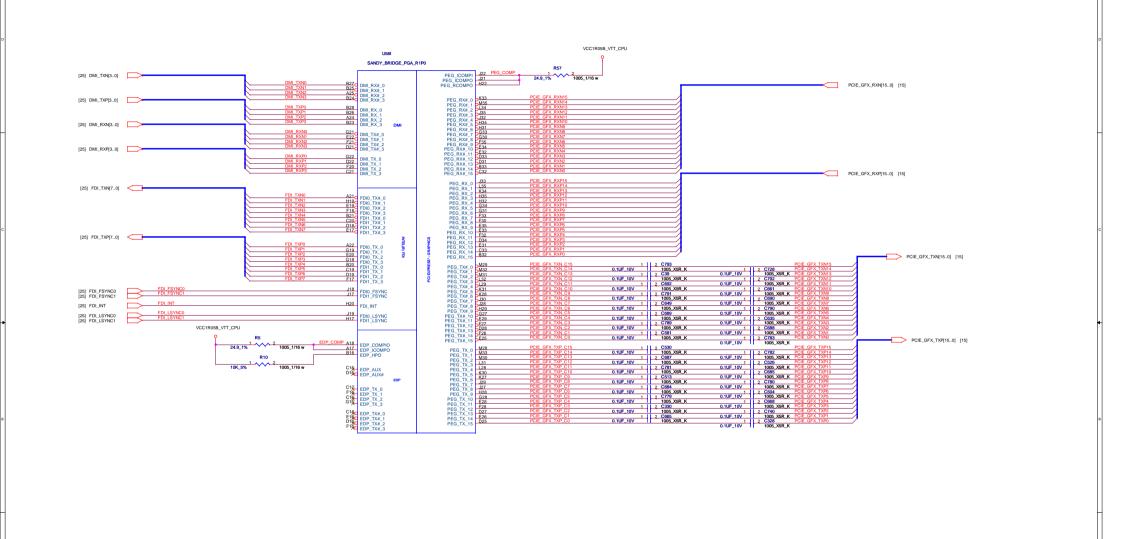
NOZOMI-3 SWG SDV2 LOGIC SCHEMATICS 1.TITLE PAGE 35.DISPLAY PORT CONNECTOR NZM3H-2 www.adzbwx.com 2.EC HISTORY **36.LVDS SWITCH VER 2.10** 3.CPU(1/8): DMI/EDP/PEG/FDI **37.DISPLAY PORT MUX** 4.CPU(2/8): CLK/MISC/JTAG JUNE/08/2010 **38.RTC BATTERY** 5.CPU(3/8) : DDR3 CHANNEL- A **39.SATA HDD CONN** BASE LOGIC :NZM3 SWG SDV 6.CPU(4/8): DDR3 **CHANNEL- B VER 1.22 40.SATA BAY I/F CONN 70.THERMAL SENSOR** APR/26/2010 7.CPU(5/8): PROCESSOR POWER **41.ESATA CONNECTOR** 71.EEPROM/SMBUS SW 8.CPU(6/8): GRAPHICS POWER **42.USB POWER/CONN 72.DC-IN** 9.CPU(7/8): GND 43.AUDIO CX20672-11Z 73.BATTERY INPUT 10.CPU(8/8): CFG/RESERVED **44.AUDIO CONNECTOR** 74.BATTERY CHARGER (BQ24742) 11.XDP CONNECTOR **45.AUDIO JACK SENSE** 75.CHARGE SELECTOR 12.DDR3 SO DIMM CHANNEL-A 46.AUDIO EXT MIC I/F **76.BATTERY MONITOR** 13.DDR3 SO DIMM CHANNEL-B **47.AUDIO SPEAKER** 77.POWER SEQUENCE 14.DDR3_DECOUPLING **48.AUDIO BEEP** 78.DC/DC VCC5M/VCC3M(TPS51220ARSNR) 15.N12M-NS(1/6) : PEG 1/F **49.MDC CONNECTOR** 79.DC/DC VCCCPUCORE(VT1316/VT1317) 16.N12M-NS(2/6): DIGITAL OUT I/F **50.GBE LEWISVILLE** 80.BLANK 17.N12M-NS(3/6): VRAM I/F **51.GBE LAN SWITCH** 81.DC/DC VCCGFXCORE_I(VT1317) 18.N12M-NS(4/6) : GPIO **52.GBE MAGNETICS** 82.VCCCPUCORE DECOUPLING 19.N12M-NS(5/6) : POWER **53.RJ45 CONNECTOR** 83.DC/DC VCCGFXCORE D(ADP3211) 20.N12M-NS(6/6) : GND **54.PCIE MINI CARD SLOT** 84.DC/DC VCC1R05B VTT(VT357) 21.VRAM CHANNEL-A 55.1394/MEDIA CARD CONTROLLER **85.DC/DC VCC1R05LAN(VT356)** 22.DYNAMIC MEMORY TERMINATION **56.MEDIA CARD INTERFACE** 57.EXPRESS CARD/SMART CARD I/F 86.DC/DC VCC1R5A(VT357) 23.PCH(1/9): HDA/JTAG/SPI/SATA 24.PCH(2/9): PCI-E/SMBUS/CLK 87.DC/DC VCC0R75B(MAX1510) **58.SLOT POWER CONTROL** 25.PCH(3/9) : DMI/FDI/PM NZM3_SWG_SDV2_EC077 88.DC/DC VCC1R5VIDEO(BD9139) NZM3_SWG_SDV2_ECOBA 59.SPI FLASH 26.PCH(4/9): LVDS/CRT/DDI 89.DC/DC VCC1R8B(TPS62290) **60.DOCKING CONNECTOR** 27.PCH(5/9): PCI/USB/NVRAM 90.DC/DC VCCSA(VT356) 61.H8S/2113 (1/2) 28.PCH(6/9): GPIO/NCTF/RSVD 91.DC/DC RINKAN-2 62.H8S/2113 (2/2) 29.PCH(7/9): POWER 92.LOAD SW LAN **63.KEYBOARD CONNECTOR** 93.LOAD SW VIDEO 30.PCH(8/9): POWER **64.TOUCH PAD CONNECTOR** 31.PCH(9/9): GND 94.LOAD SW AMT/ MEPWRG **65.WIRELESS DISABLE SW** 32.LCD CONNECTOR 95.LOAD SW B **66.FAN CONNECTOR** 33.RGB SWITCH 96.LOAD SW VCC5MUBAY 67.G-SENSOR **34.EXT CRT INTERFACE** 97.LOAD SW WAN & WLAN 68.THINKER-1 98.PTH FOR SCREW HOLES **69.TPM FLEX** Computing 99.BLANK

EC HISTORY NOZOMI-3 PRE-DV :BASE LOGIC NZM1 EXT 512MB SIT VER.7.03 12/01/2009 VER.0.01 12/10/2009 APPLIED PDV EC001 VER.0.02 12/14/2009 APPLIED PDV EC002-012 VER.0.03 12/15/2009 APPLIED PDV EC013-025 VER.0.04 12/16/2009 APPLIED PDV EC026-033 VER 0.05 12/17/2009 APPLIED PDV FC034-038 VER.0.06 12/18/2009 APPLIED PDV EC039-041.043-45.047-054 VER.0.07 12/21/2009 APPLIED PDV EC042.046.055-066 VER.0.08 12/22/2009 APPLIED PDV EC067-080 VER.0.09 12/24/2009 APPLIED PDV EC081-085 VER.0.10 12/25/2009 APPLIED PDV EC086-089 VER.0.11 12/28/2009 APPLIED PDV EC090-095 VER.0.12 01/06/2010 APPLIED PDV_EC096-112 VER.0.13 01/07/2010 APPLIED PDV EC113-120 VER.0.14 01/08/2010 APPLIED PDV EC121 VER.0.15 01/12/2010 APPLIED PDV EC122 VER.0.16 01/13/2010 APPLIED PDV_EC123-125 VER.0.17 01/14/2010 APPLIED PDV EC126-128.130 VER.0.18 01/15/2010 APPLIED PDV EC131-133 VER.0.19 01/18/2010 APPLIED PDV EC134-137 VER.0.20 01/19/2010 APPLIED PDV_EC138 VER.0.21 01/20/2010 APPLIED PDV EC139.140 VER.0.22 01/21/2010 APPLIED PDV EC141-146 VER.0.23 01/22/2010 APPLIED PDV EC147,148 VER.0.24 01/25/2010 APPLIED PDV_EC149-160 VER.0.25 01/26/2010 APPLIED PDV EC162-168 VER.0.26 01/27/2010 APPLIED PDV EC169-176 VER.0.27 01/28/2010 APPLIED PDV EC177-179 VER.0.28 01/29/2010 APPLIED PDV EC180 VER.0.29 02/01/2010 APPLIED PDV EC181-189 VER.0.30 02/02/2010 APPLIED PDV EC190-193 VER.0.31 02/03/2010 APPLIED PDV EC194-197 VER.0.32 02/04/2010 APPLIED PDV_EC198-202 NOZOMI-3 SDV :BASE LOGIC NZM3 PRE-DV VER.0.32 02/04/2010 VER.1.00 02/05/2010 APPLIED SDV EC001-004 VER.1.01 02/08/2010 APPLIED SDV EC005-007 VER.1.02 02/09/2010 APPLIED SDV EC010 VER.1.03 02/10/2010 APPLIED SDV EC011-013 VER.1.04 02/15/2010 APPLIED SDV EC014 VER.1.05 02/16/2010 APPLIED SDV EC015-019 VER.1.06 02/17/2010 APPLIED SDV EC020-022 VER.1.07 02/18/2010 APPLIED SDV EC024.025.027 VER.1.08 02/19/2010 APPLIED SDV EC028,030-032 VER.1.09 02/22/2010 APPLIED SDV_EC033-035 VER.1.10 02/23/2010 APPLIED SDV EC036-038 VER.1.11 03/18/2010 APPLIED SDV EC045,046 VER.1.12 03/19/2010 APPLIED SDV EC040-043,CNV EC061-066 VER.1.13 03/22/2010 APPLIED SDV EC048-052 VER.1.14 03/24/2010 APPLIED SDV EC053-059, ECR001-003 VER.1.15 03/26/2010 APPLIED SDV EC061 VER.1.16 04/1/2010 APPLIED SDV EC065-075, except SDV EC069, SDV EC076-079 VER.1.17 04/6/2010 APPLIED SDV EC080-084, ECR004, ECR008 and ECR009 VER.1.18 04/8/2010 APPLIED SDV_EC085-091, SDV_ECR010-013 VER.1.19 04/13/2010 APPLIED SDV_EC092-094, change PCB footprint of all resistors from xxx to xxx-R, SDV_EC103 and EC047 VER.1.20 04/16/2010 APPLIED SDV EC105-110 and ECR023, ECR026 and ECR027 VER.1.21 04/21/2010 APPLIED ECR028 ▼ER.1.22 04/26/2010 APPLIED EC111-113, EC115-117 NZM3_SWG_SDV2_EC077 NOZOMI-3 SWG SDV2:BASE LOGIC NZM3 SWG SDV VER1.22 04/26/2010 NZM3 SWG SDV2.E0077 VER.2.00 04/28/2010 APPLIED NZM3_SWG_SDV2_EC003-021 VER.2.01 04/30/2010 APPLIED NZM3 SWG SDV2 EC022-033 VER.2.02 05/04/2010 APPLIED NZM3 SWG SDV2 EC035-061 VER.2.03 05/07/2010 APPLIED NZM3 SWG SDV2 EC062-065 VER.2.04 05/12/2010 APPLIED NZM3_SWG_SDV2_EC066-071 VER.2.05 05/13/2010 APPLIED NZM3 SWG SDV2 EC072 VER.2.06 05/21/2010 APPLIED NZM3 SWG SDV2 EC073, EC076 and NZM3 SWG SDV2 ECR001-003 VER.2.07 05/25/2010 APPLIED NZM3_SWG_SDV2_EC077,EC078, EC079, EC082, EC083, EC084, EC086, EC087, EC088, EC089 and EC095 VER.2.08 06/02/2010 APPLIED NZM3 SWG SDV2 EC096-EC100, EC104, EC106 and EC107 VER.2.09 06/03/2010 APPLIED NZM3 SWG SDV2 EC108-EC110 FLEX Computing VER.2.10 06/08/2010 APPLIED NZM3_SWG_SDV2_EC105 Project Name : Title : EC HISTORY



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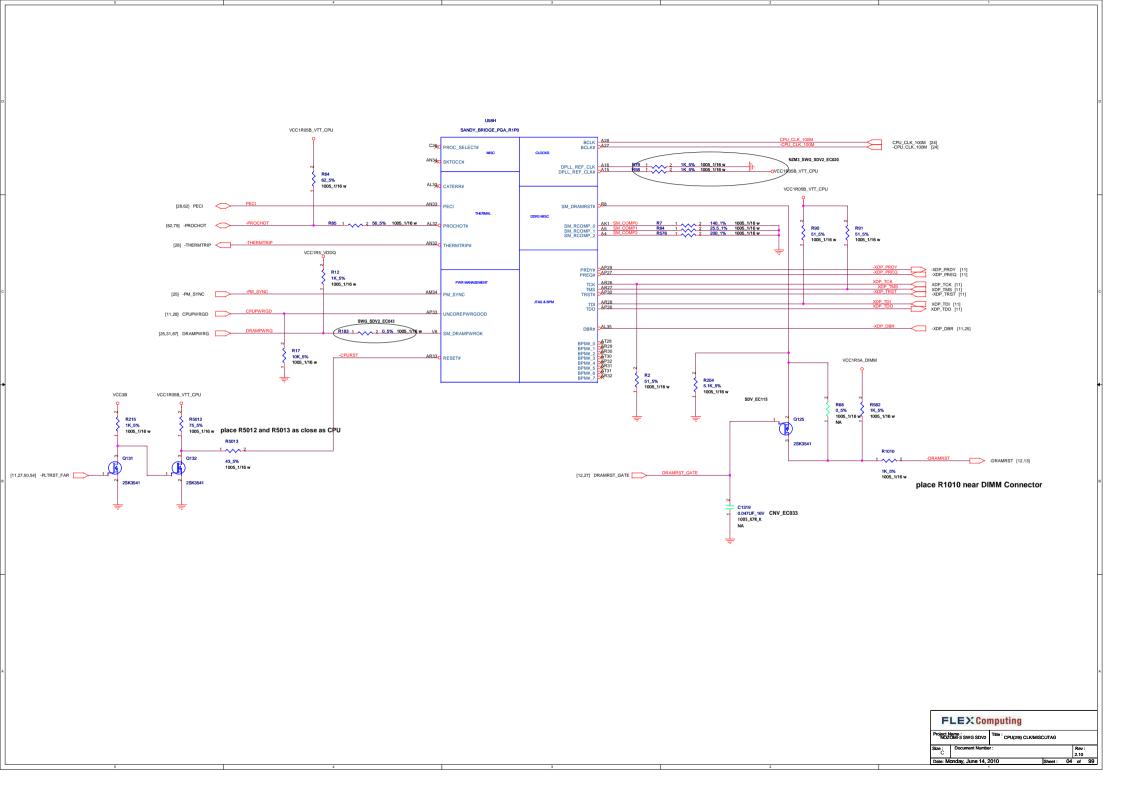
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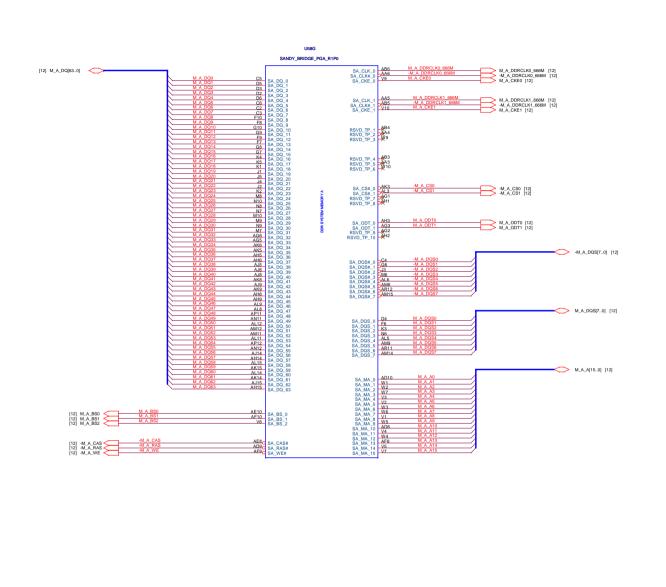
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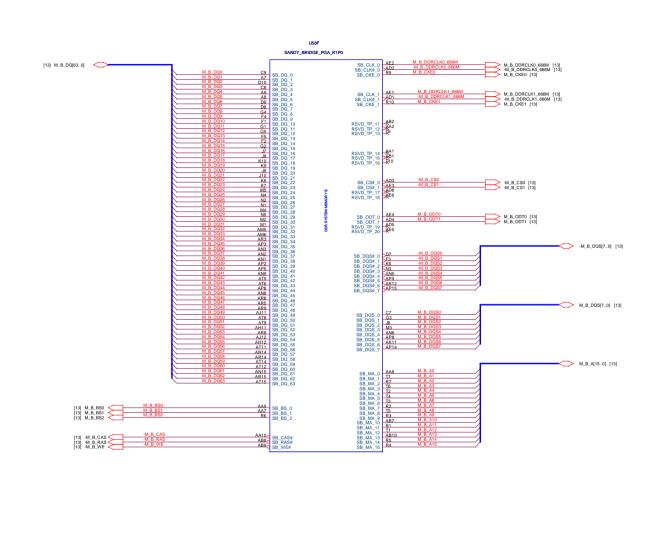
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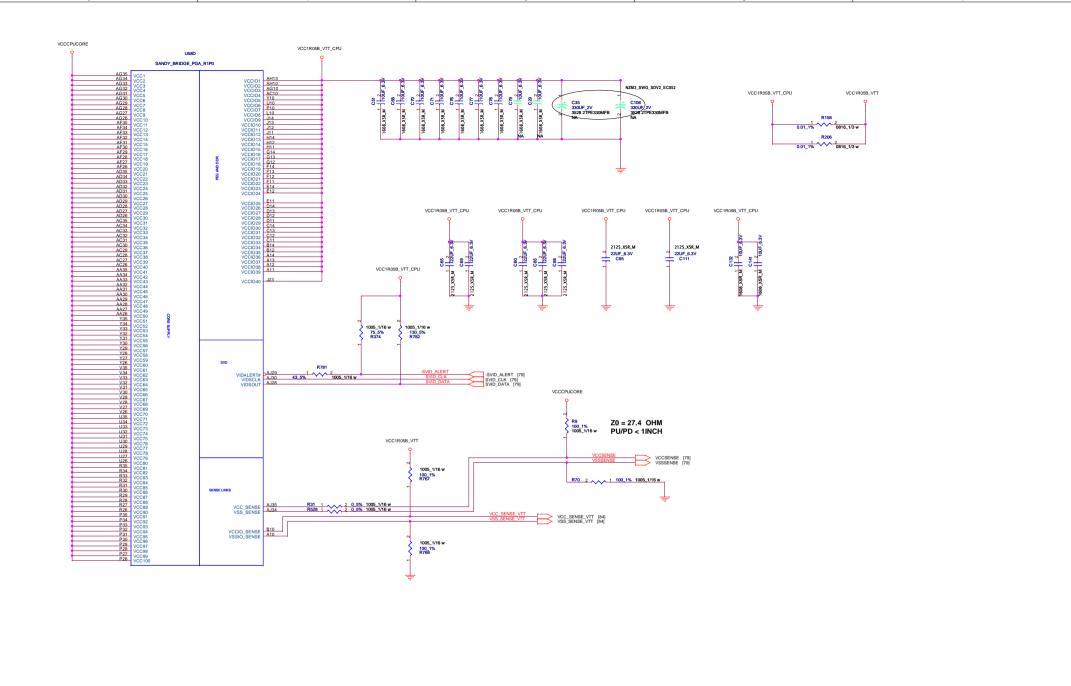
Date: Monday, June 14, 2010 Sheet : 03 of 99

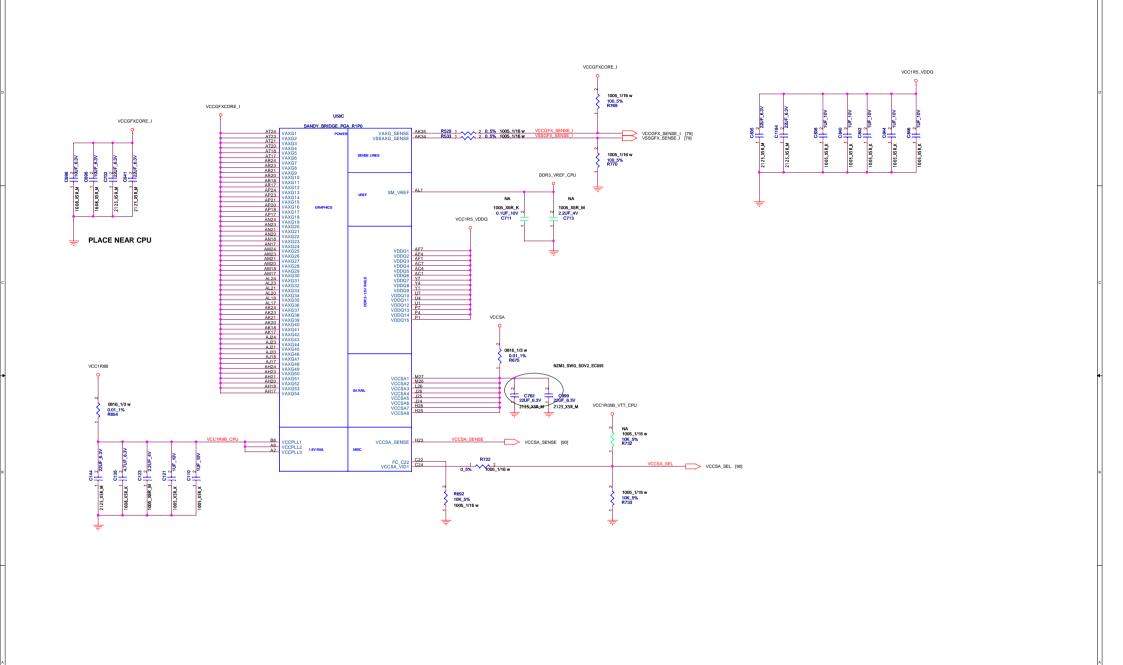






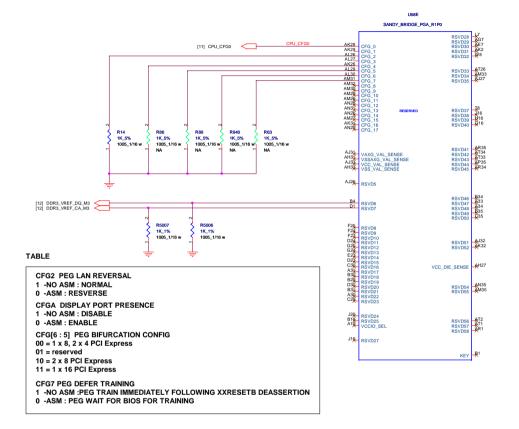
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FLEX Computing NZM3_SWG_SDV2_EC077 Project Name : NOZOMI-3 SWG SDV2 Talle : CPU(6/8) GRAPHICS POWER Date: Monday, June 14, 2010





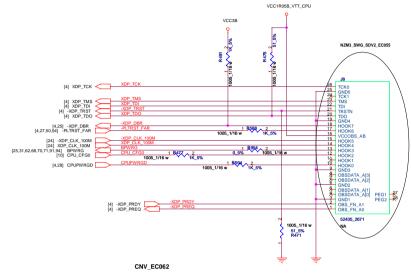
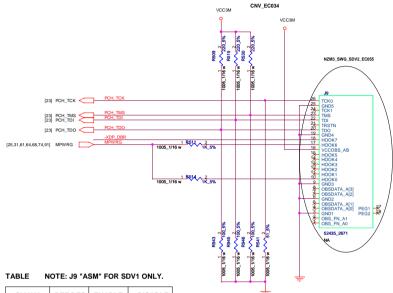


TABLE NOTE: J8 "ASM" FOR SDV1 ONLY.

TABLE NOTE. 36 ASM FOR SEVE ONET.						
SIGNAL	REF DES	ENABLE	DISABLE			
TDO	R475	ASM	NO ASM			
TRST#	R471	ASM	ASM			
DBRST#	R491	ASM	ASM			
RESET#	R588	ASM	NO ASM			
CFG0	R477	ASM	NO ASM			
PWRGD	R594	ASM	NO ASM			
BPWRG	R954	ASM	NO ASM			
	J8	ASM	NO ASM			
	•	\uparrow				

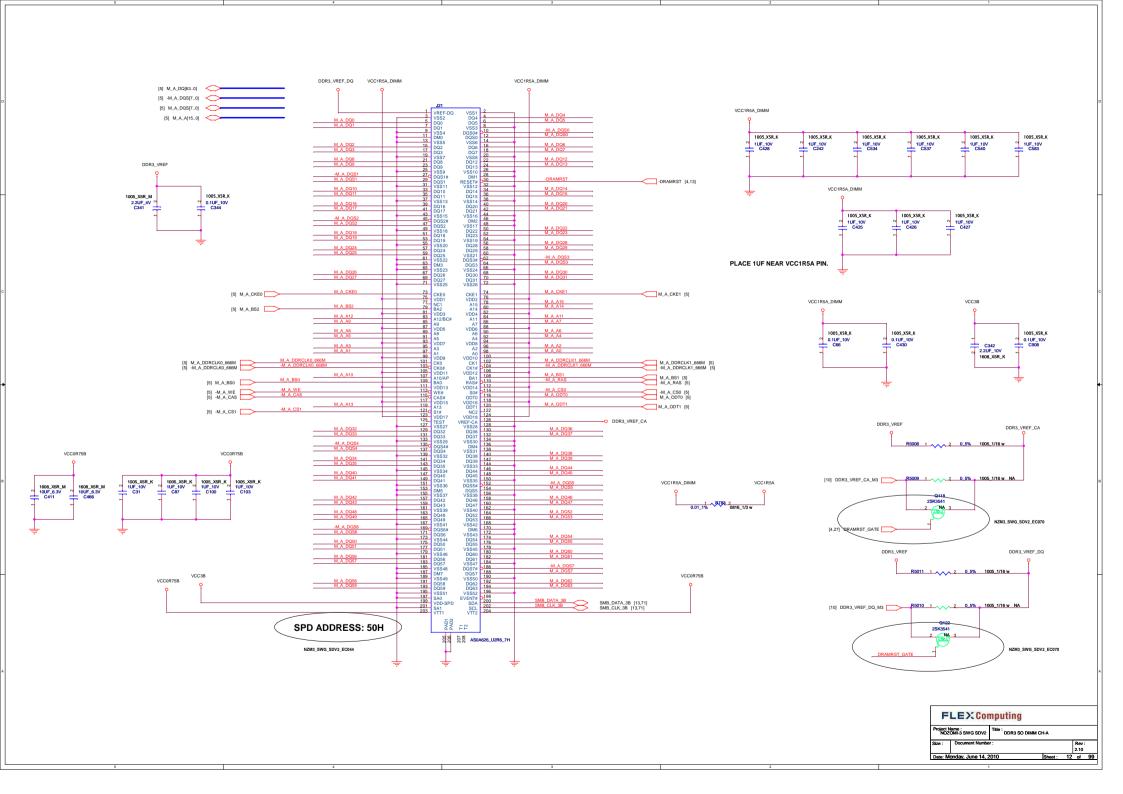
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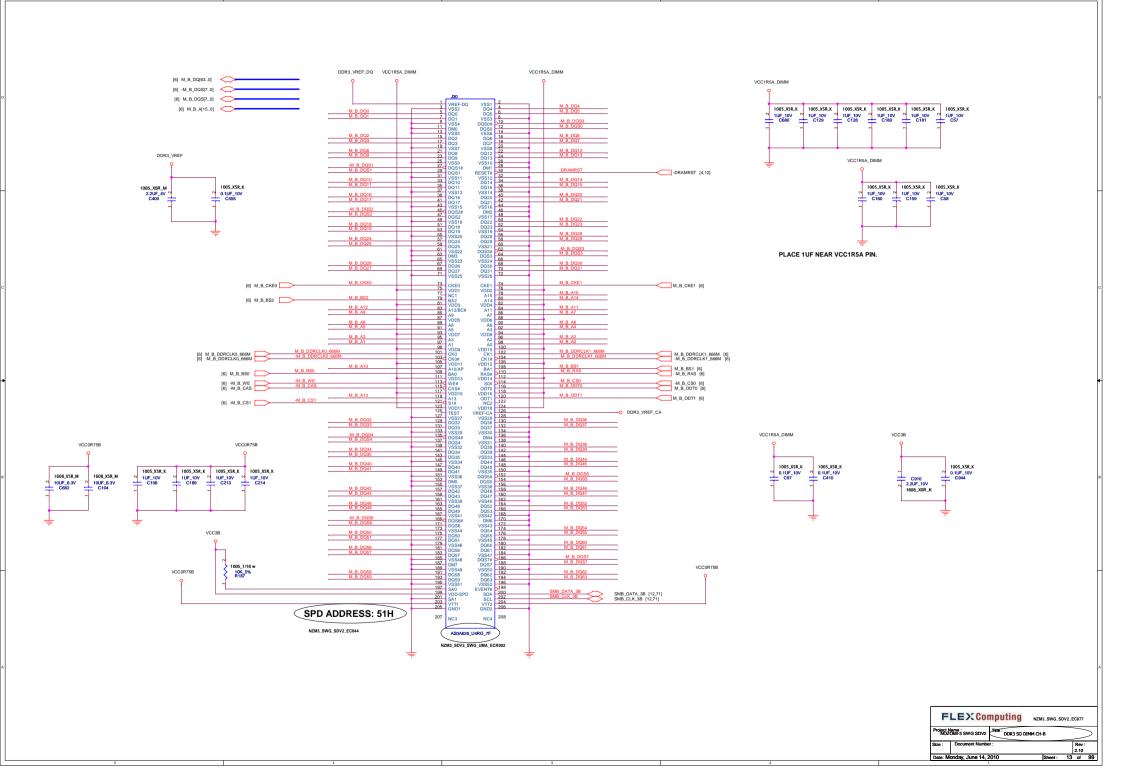


SIGNAL	REF DES	ENABLE	DISABLE
TDO	R509	200	NO ASM
100	R943	100	NO ASM
TMS	R530	220	NO ASM
TIVIS	R946	100	NO ASM
TDI	R515	220	NO ASM
1 Di	R945	100	NO ASM
тск	R541	51	51
MPWRG	R511	ASM	NO ASM
	R514	ASM	NO ASM
	J9	ASM	NO ASM
	•		•

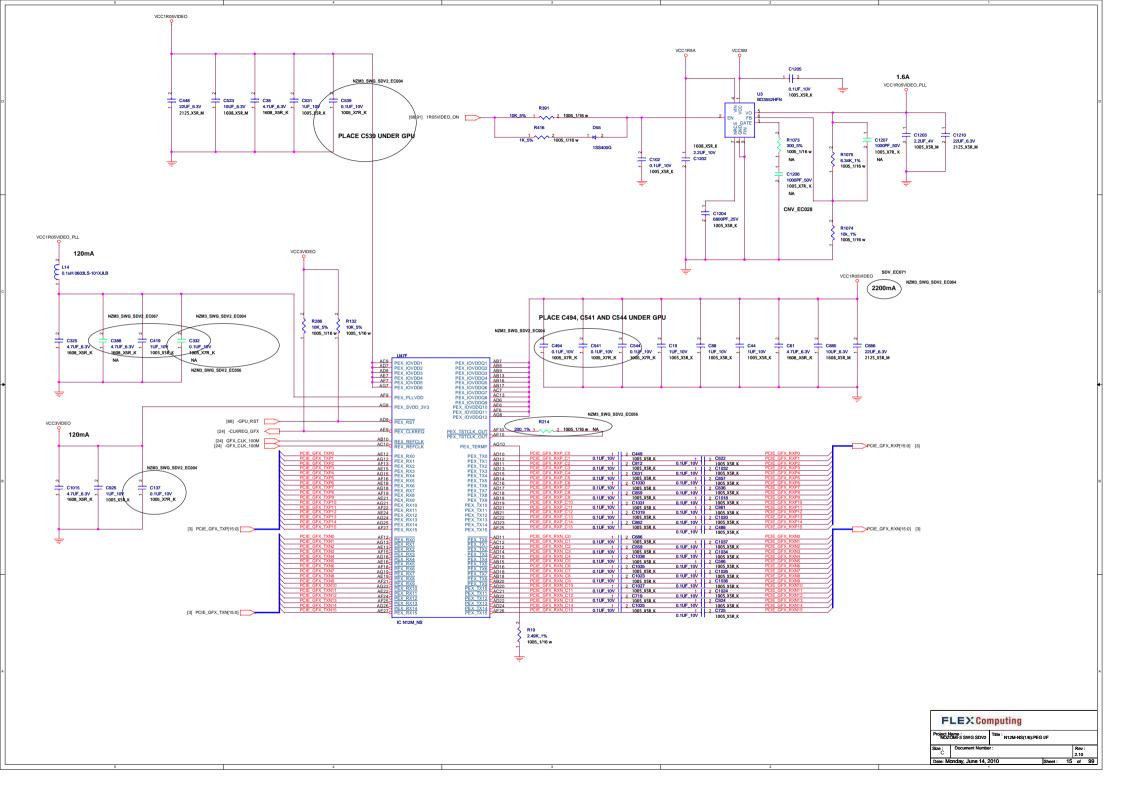


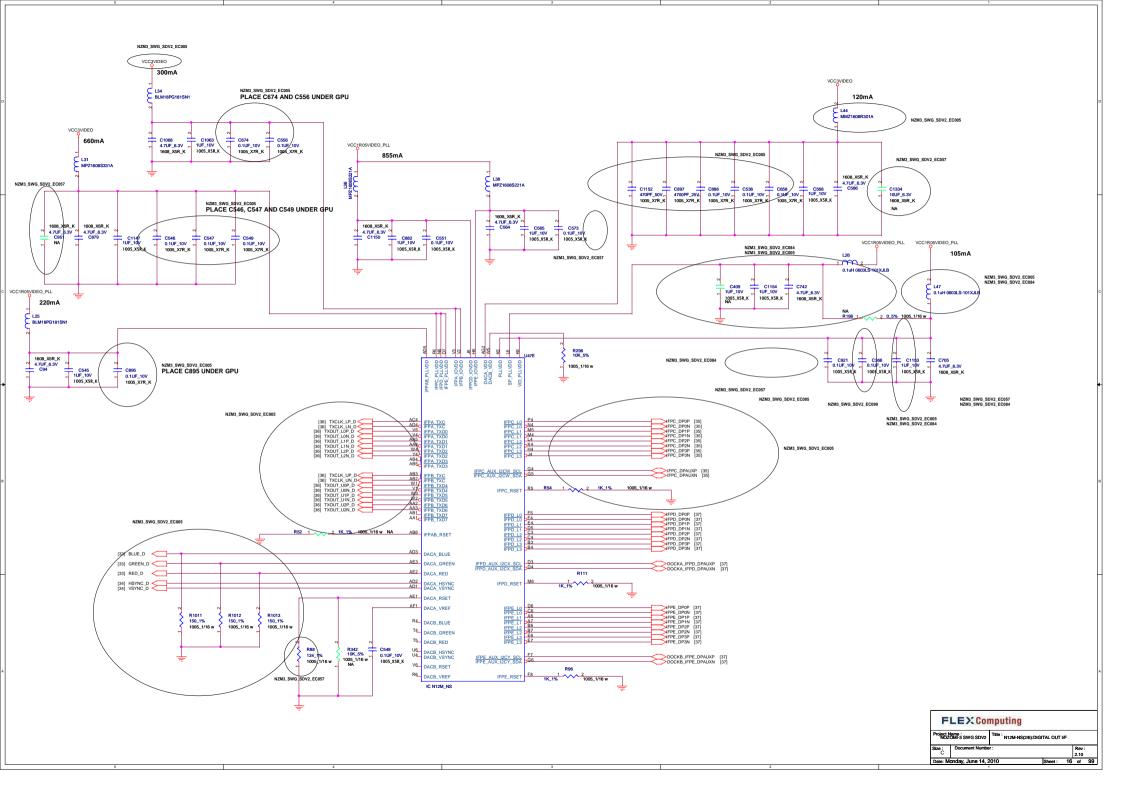
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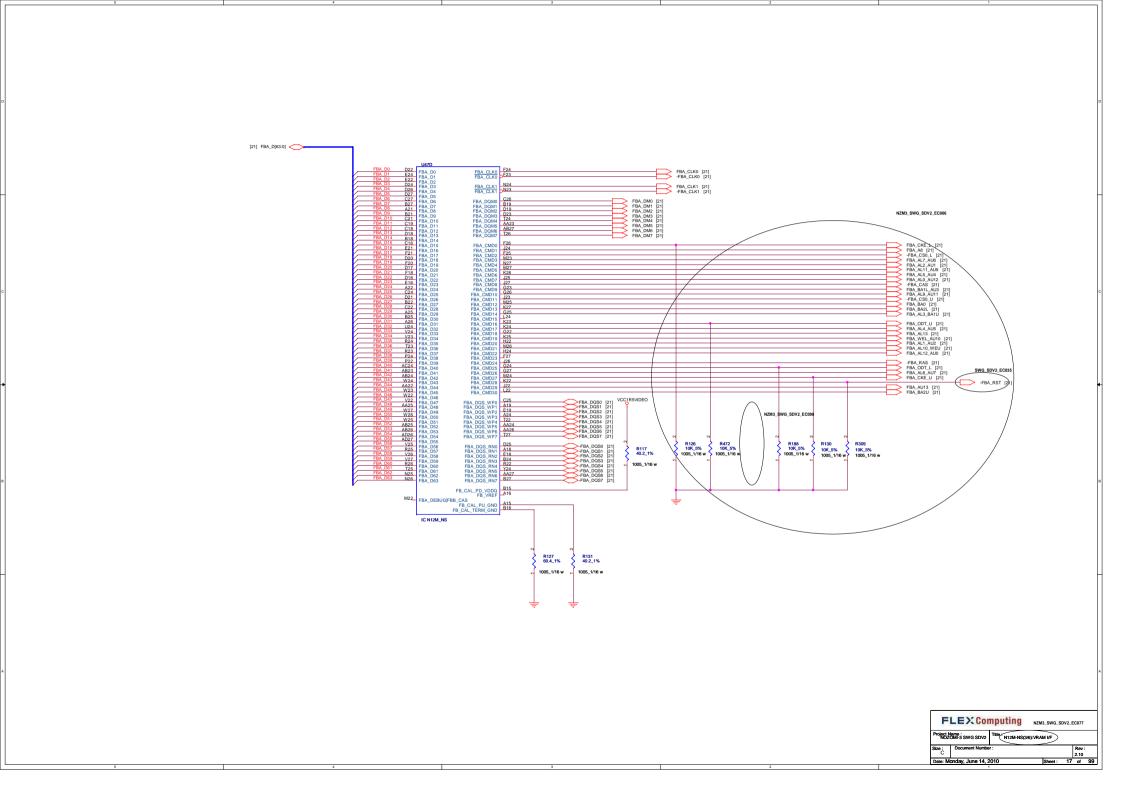


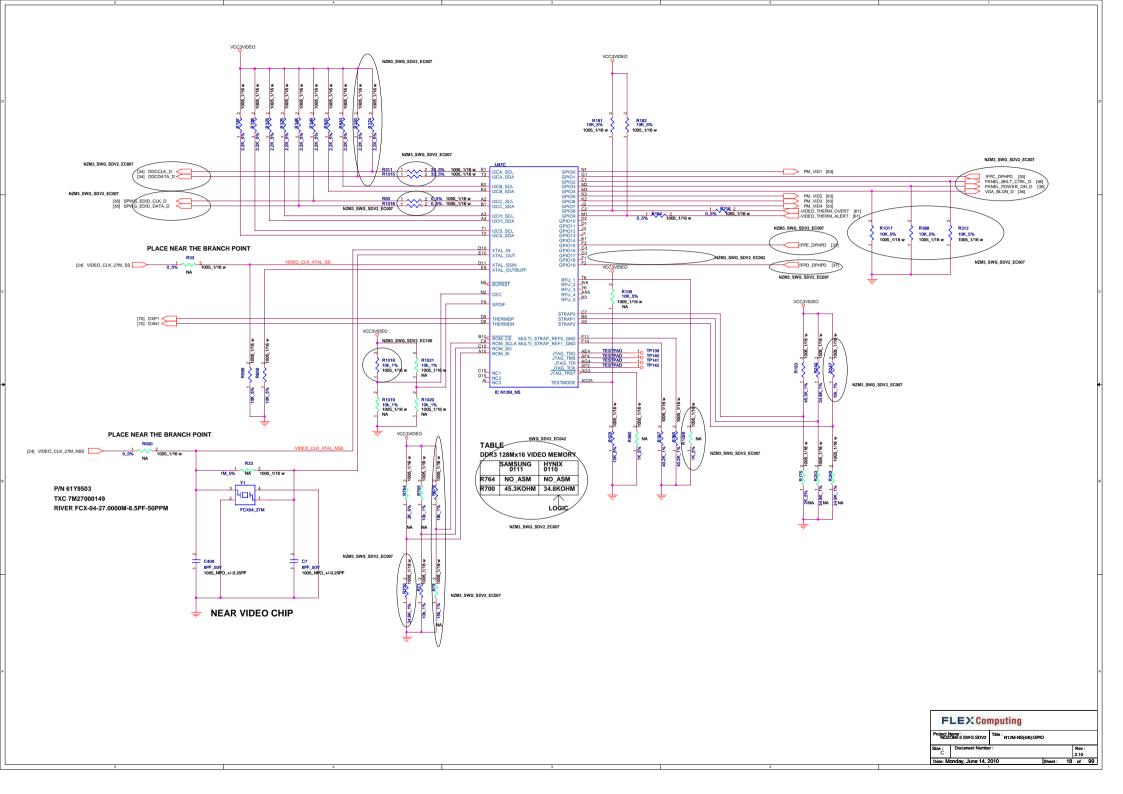


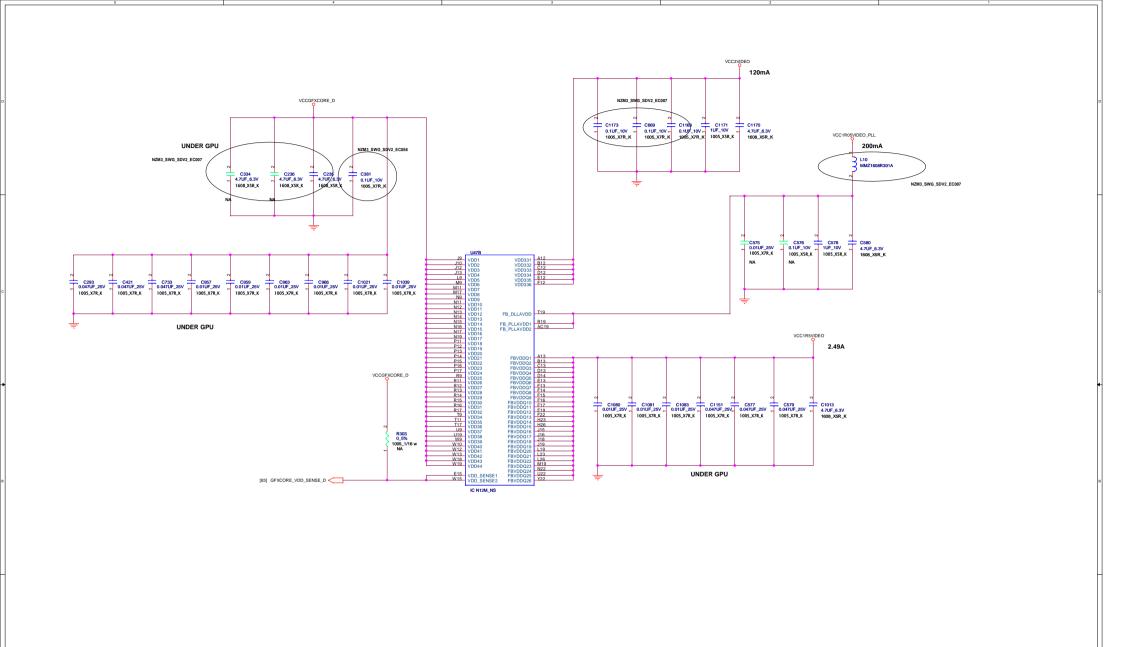




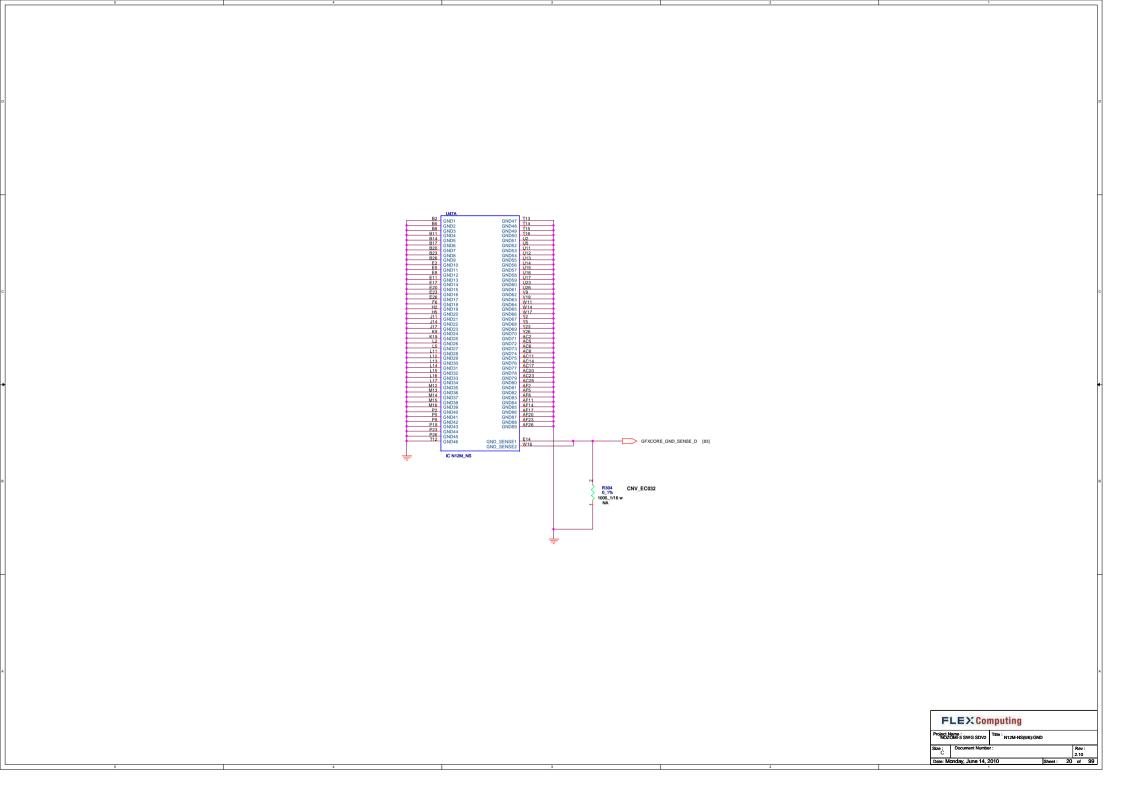


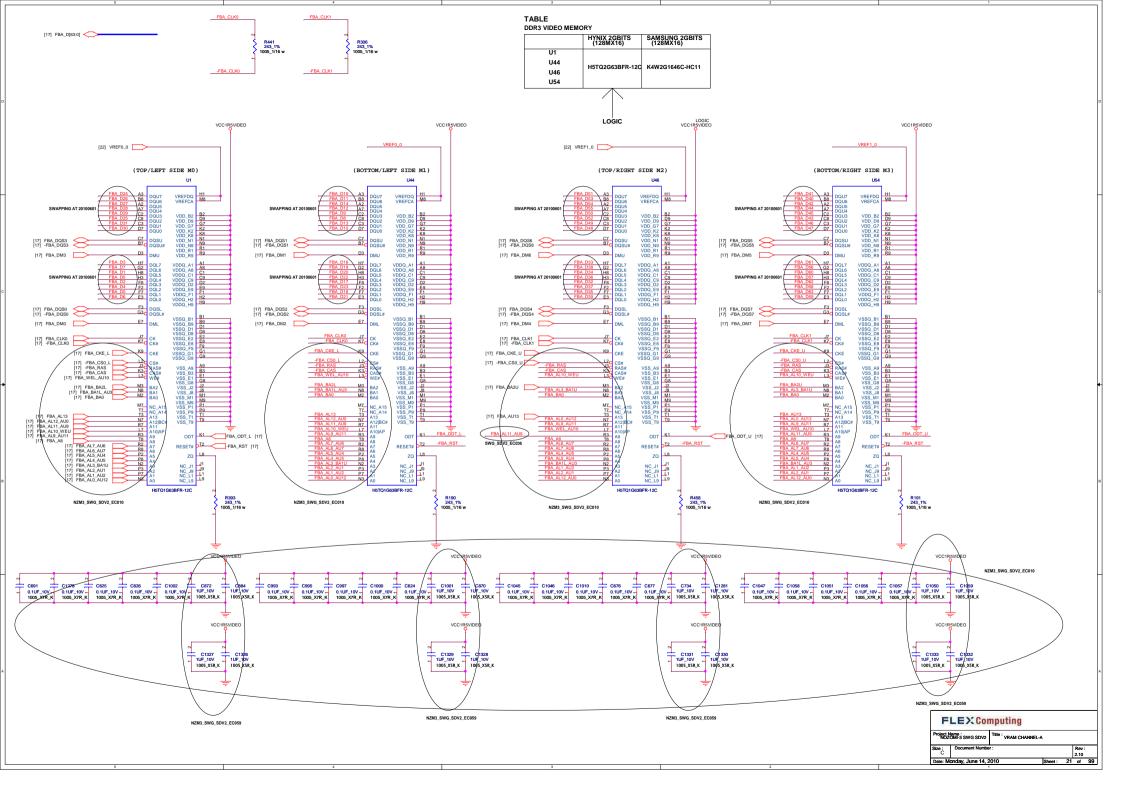


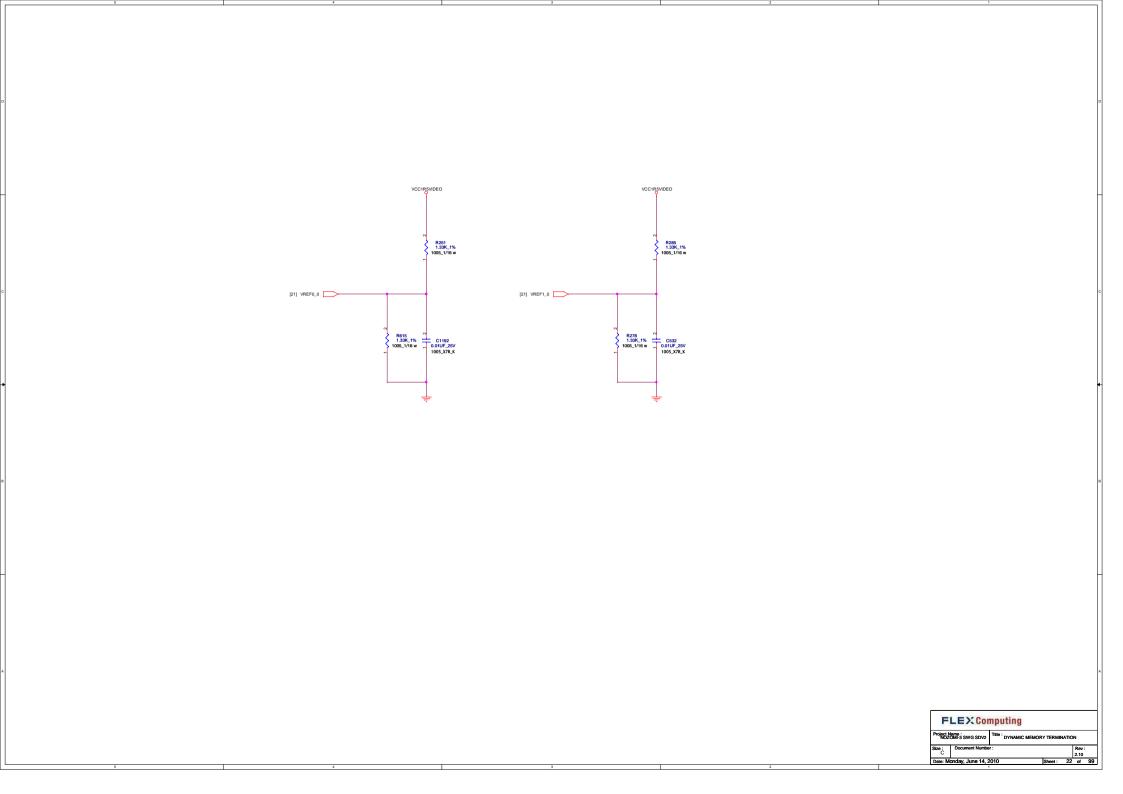


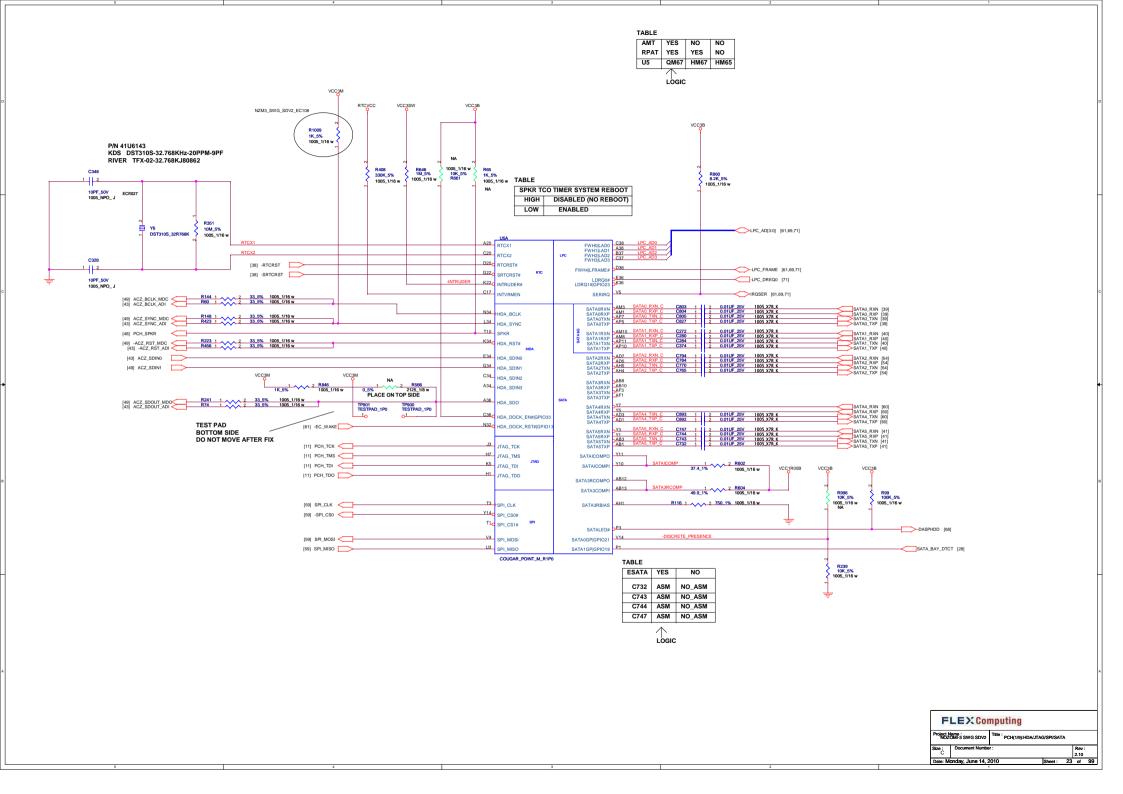


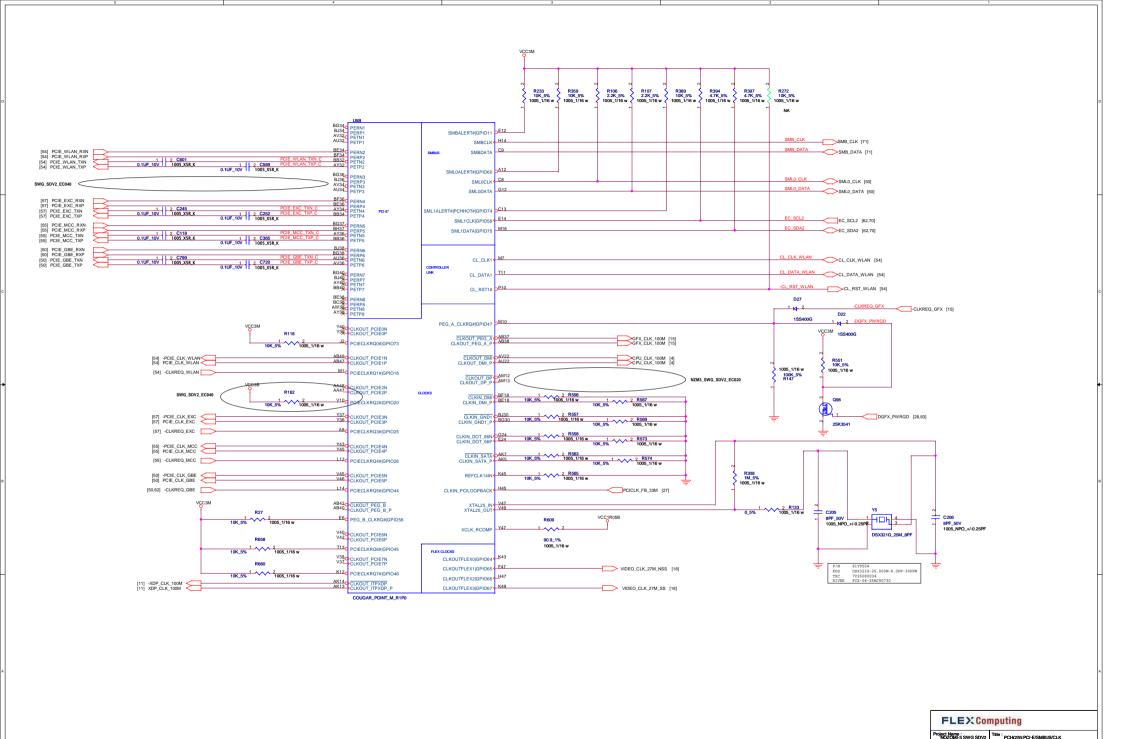
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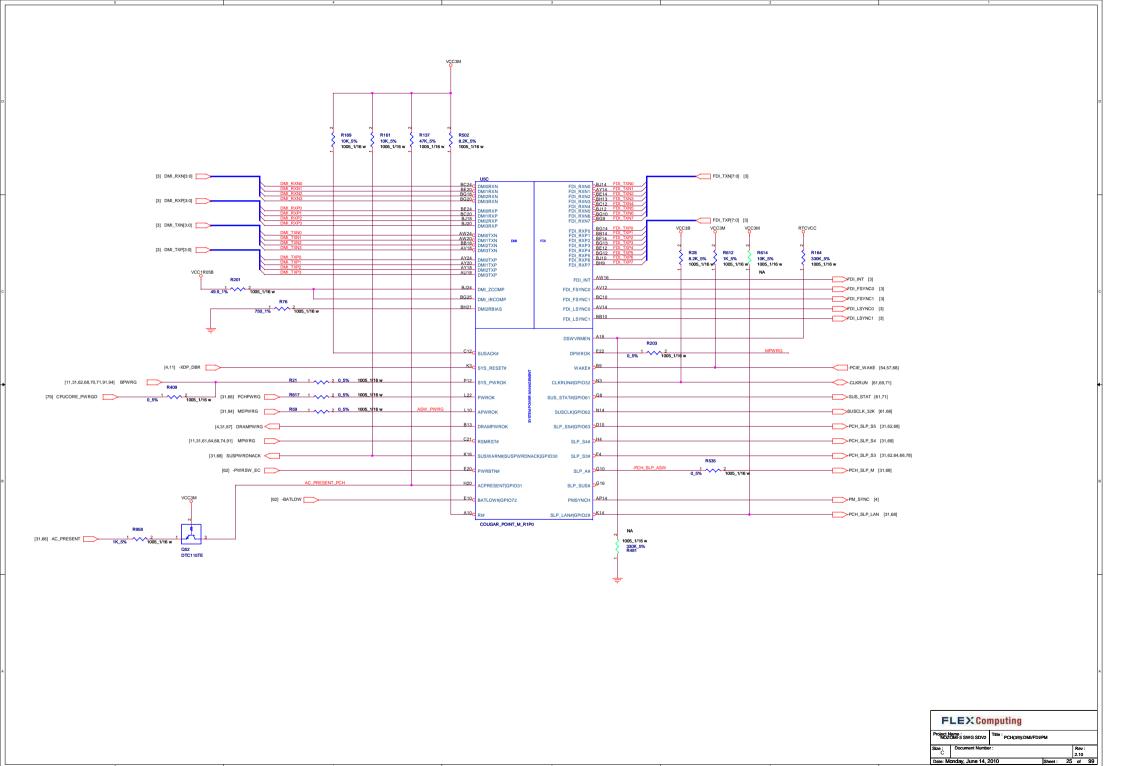


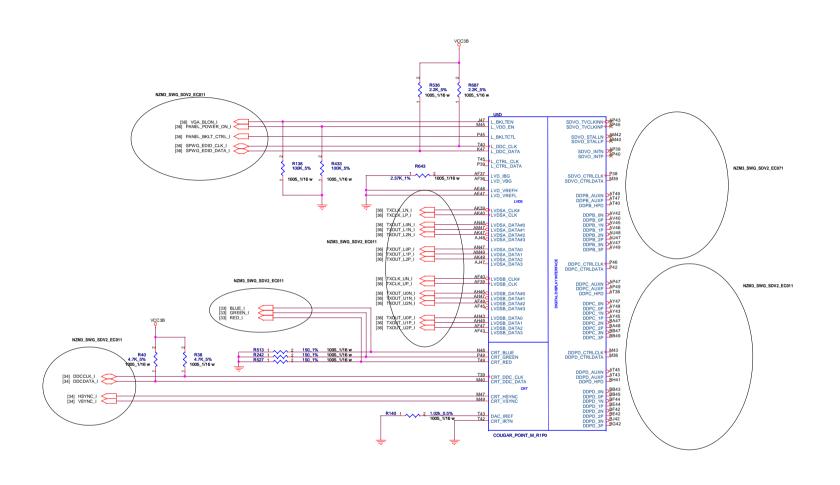




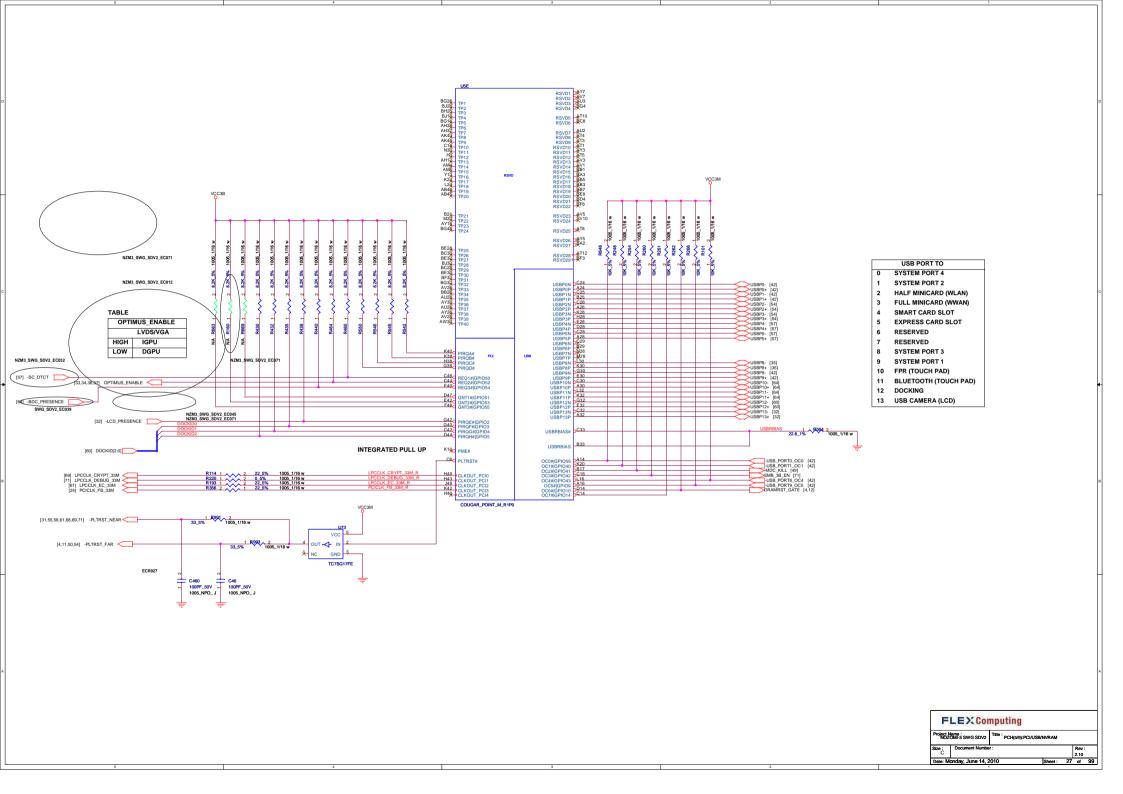


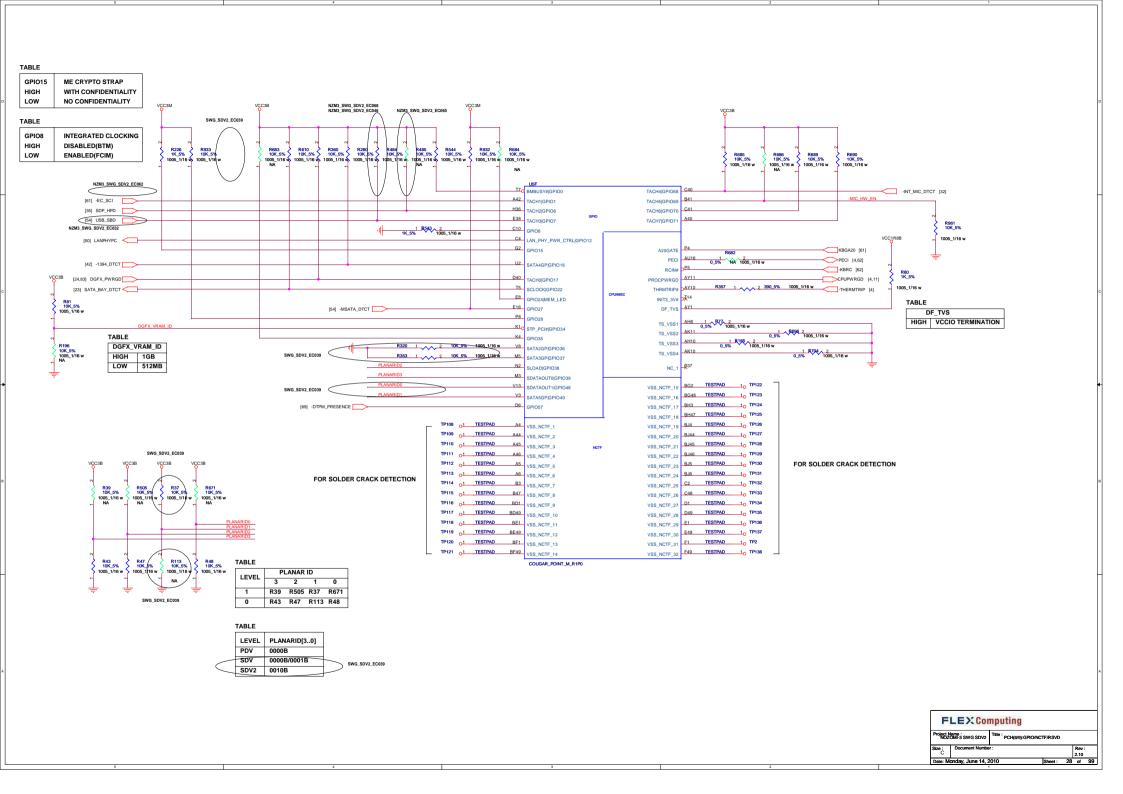
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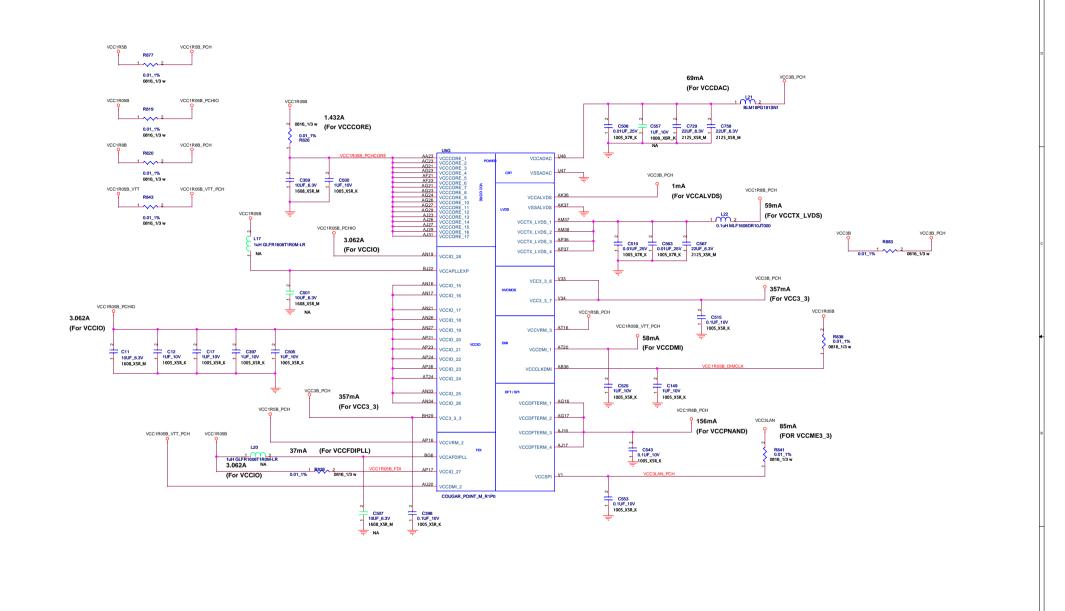


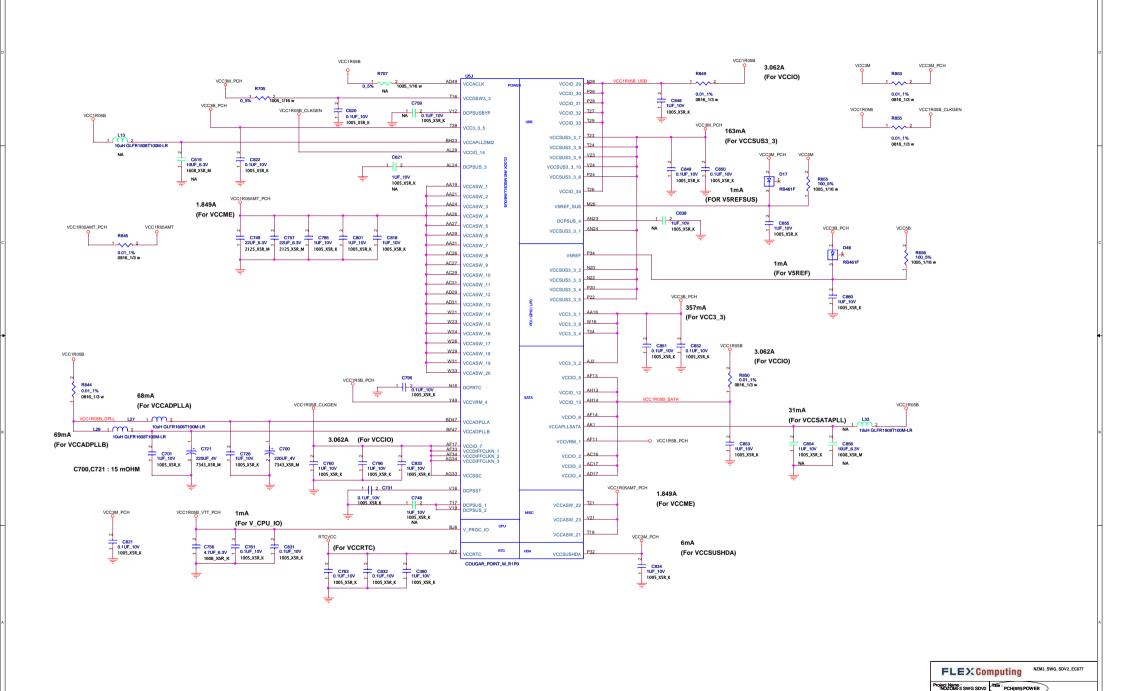


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Size : Document Number : Rev :	Project Name : NOZOMI-3 SWG SDV2 Title : PCH(4/9):LVDS/CRT/DDI						
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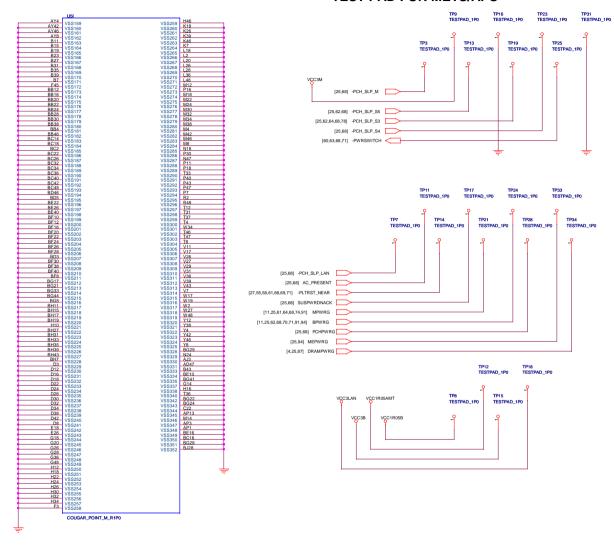






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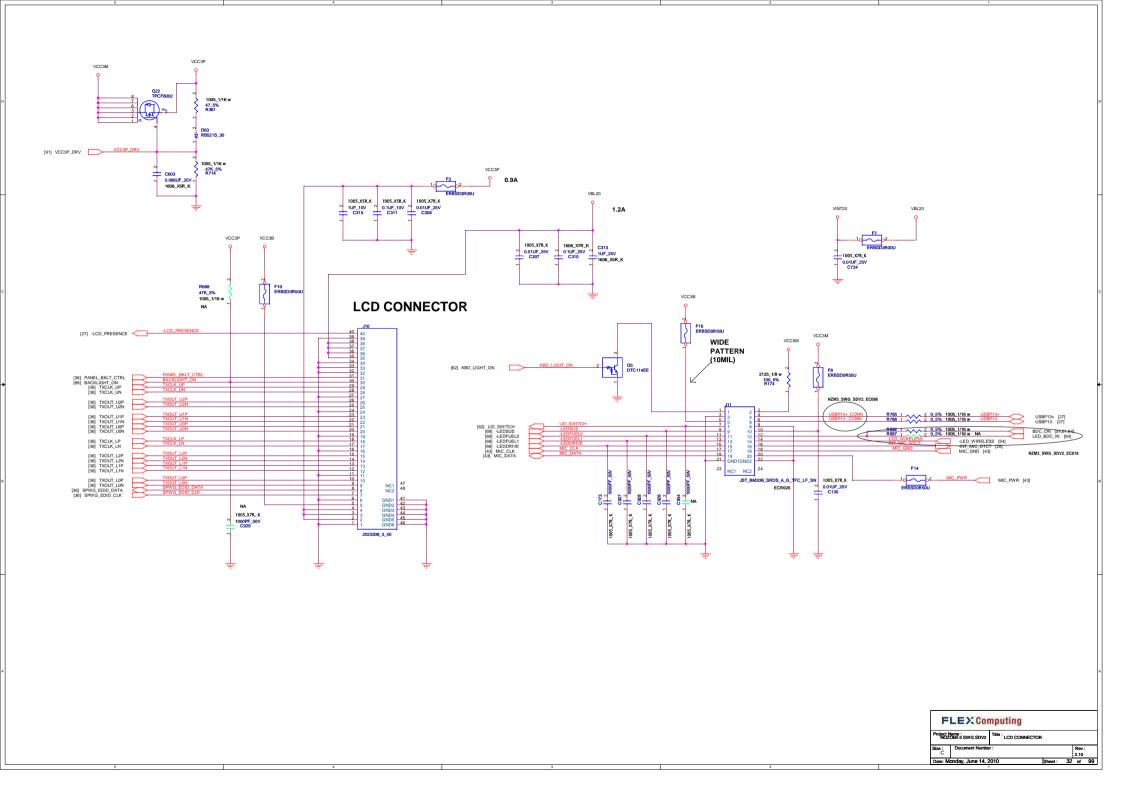
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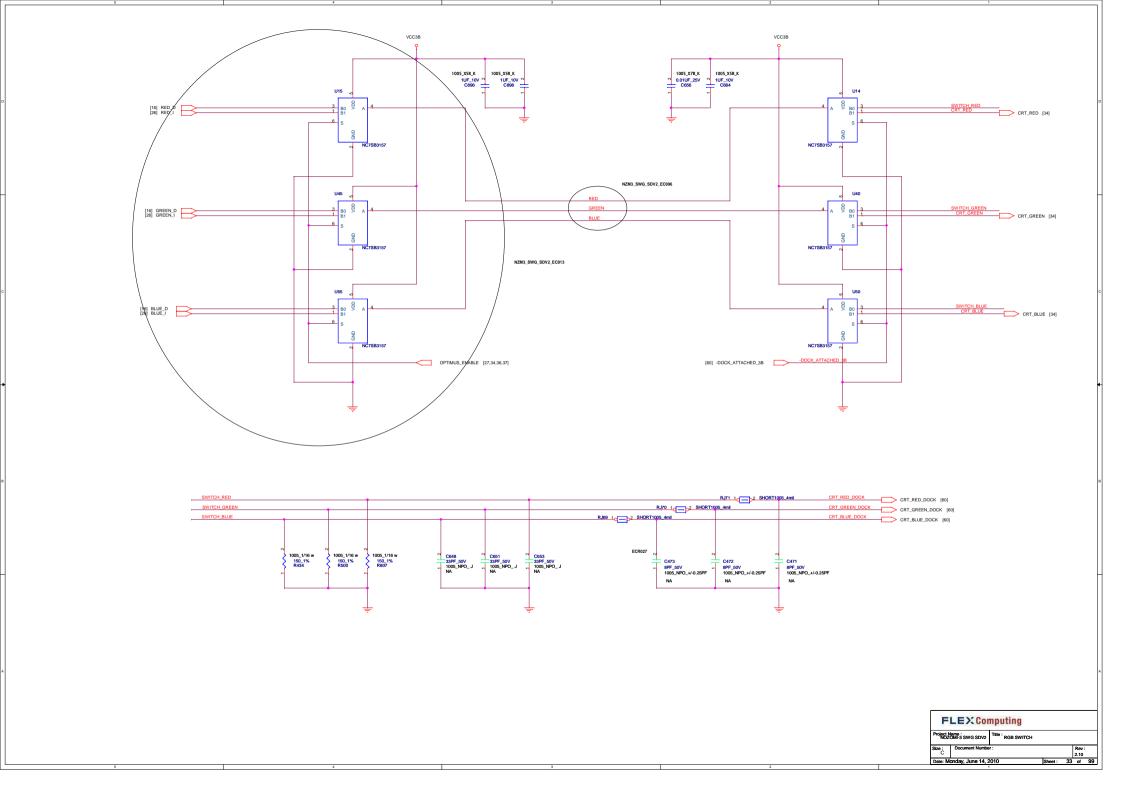


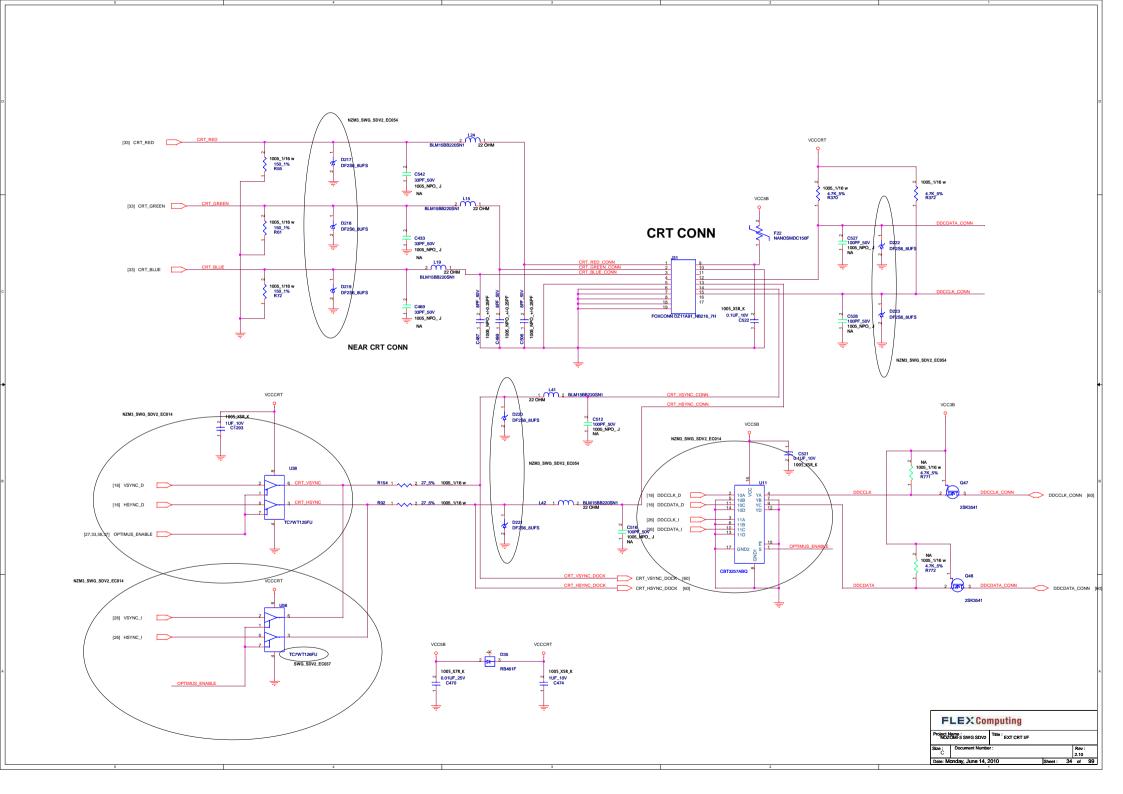
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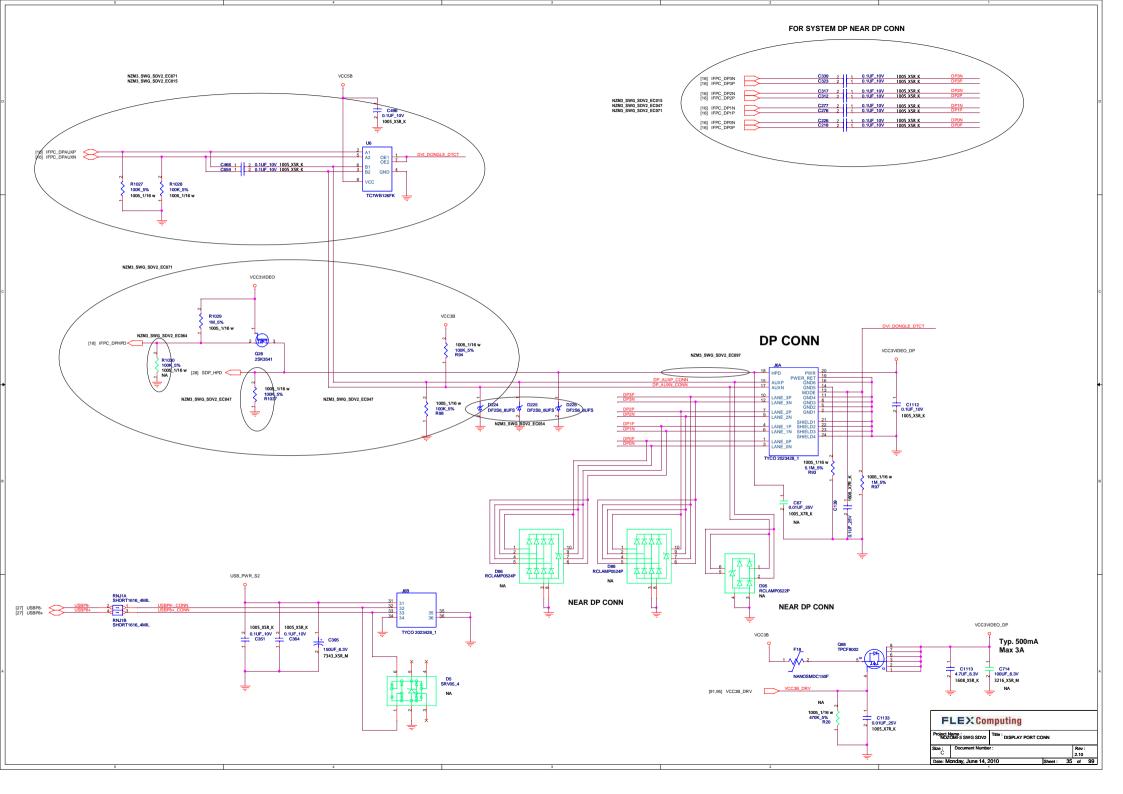
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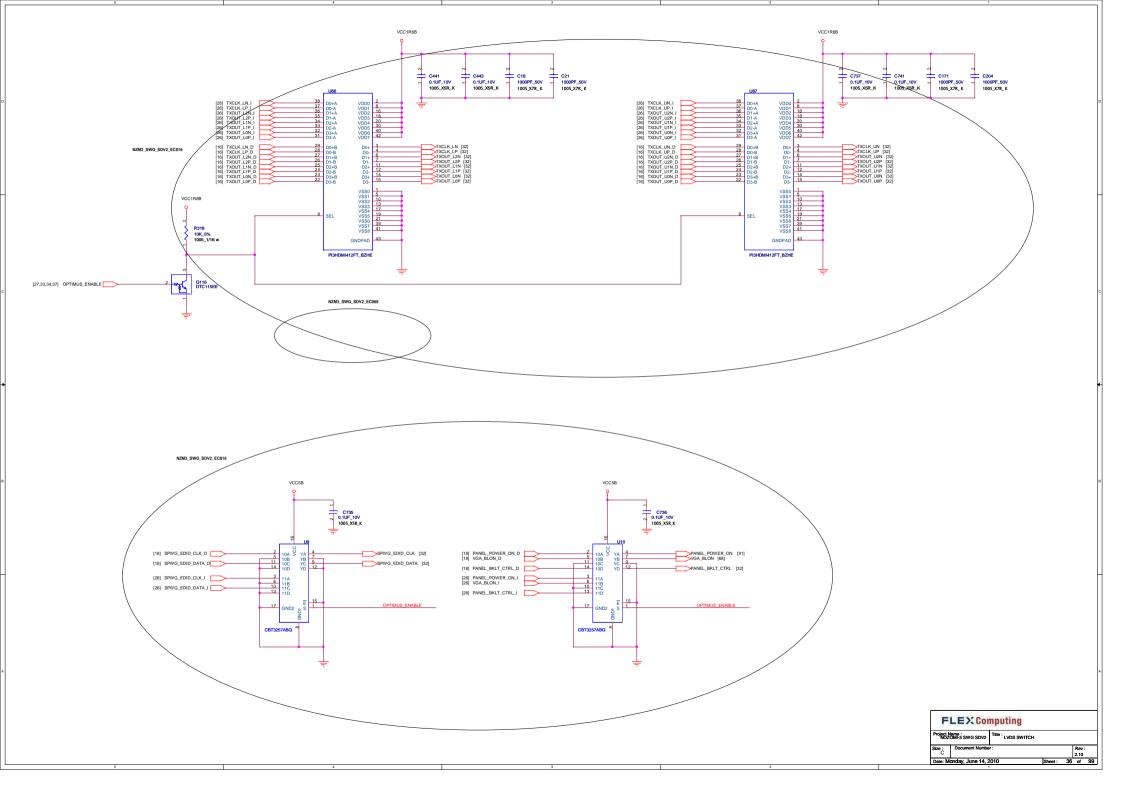
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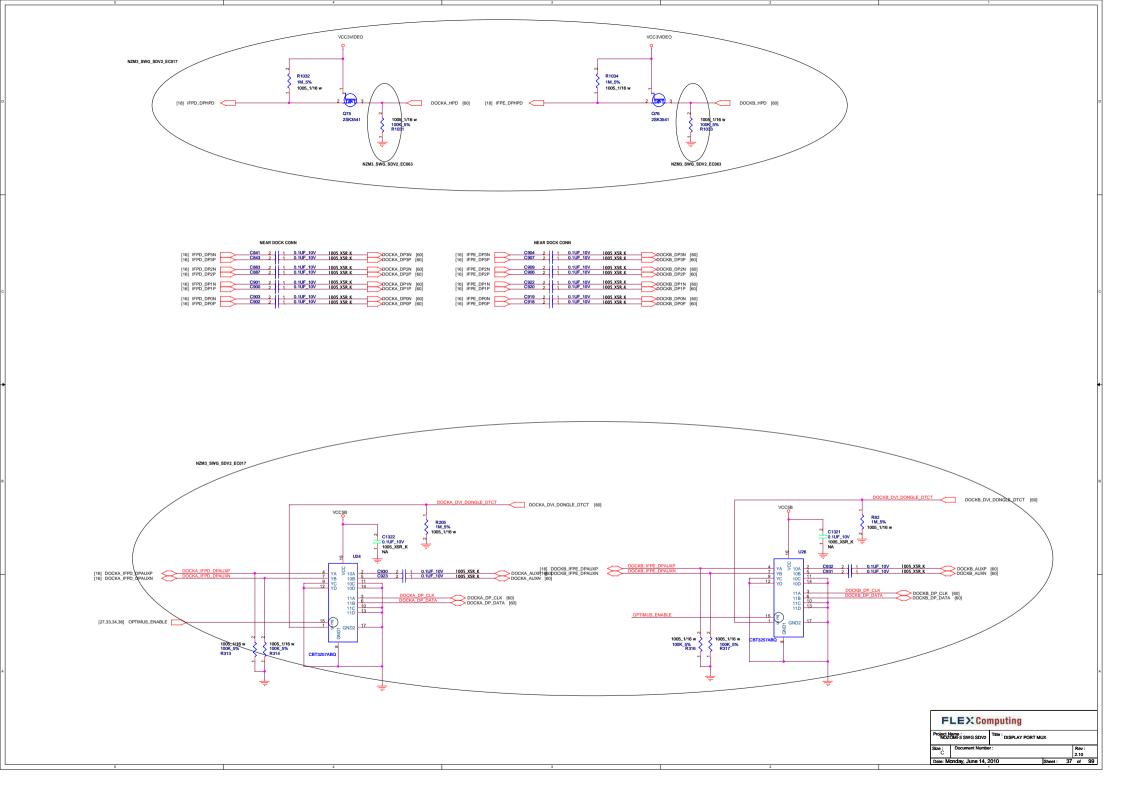


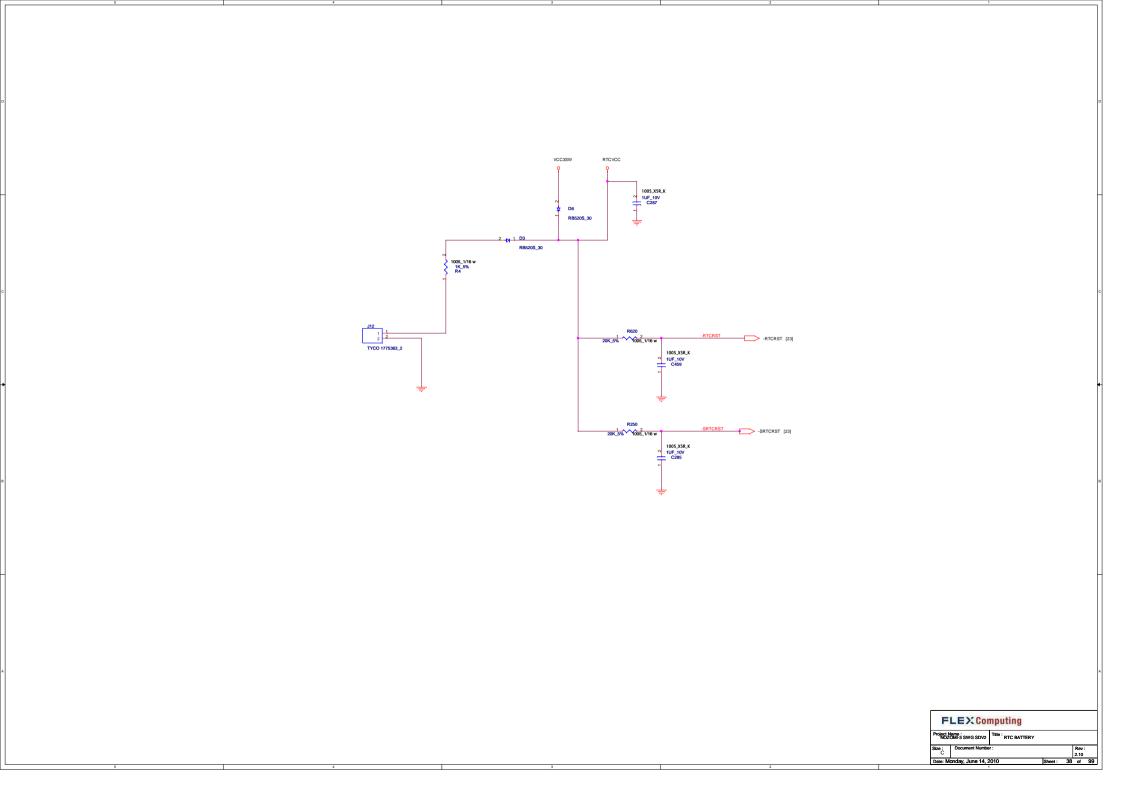


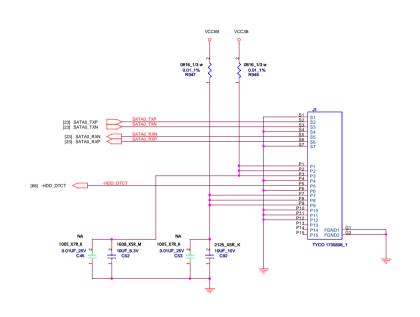




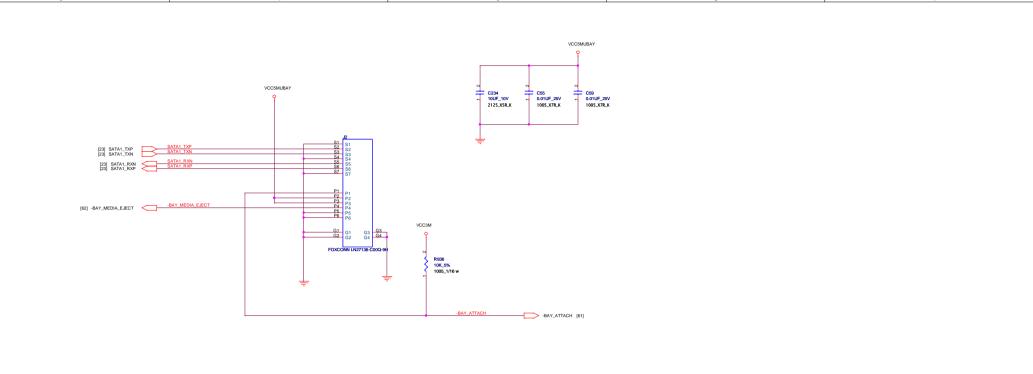




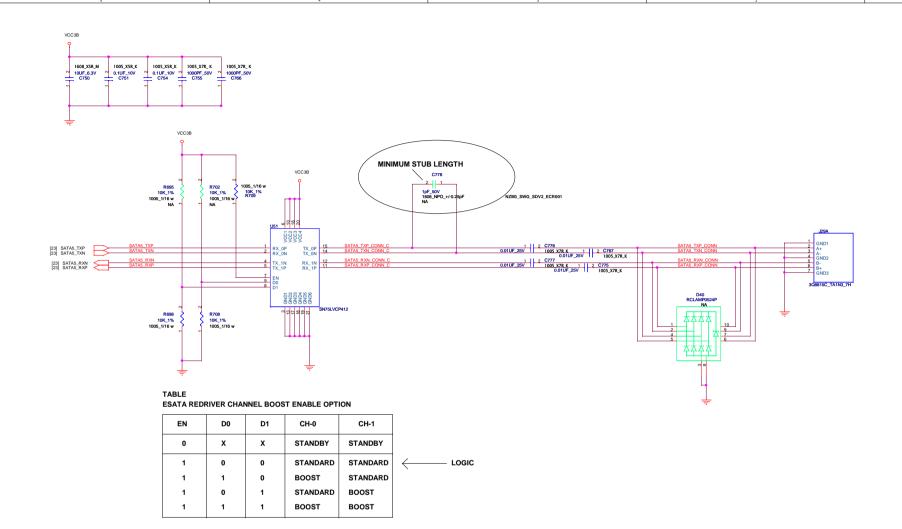




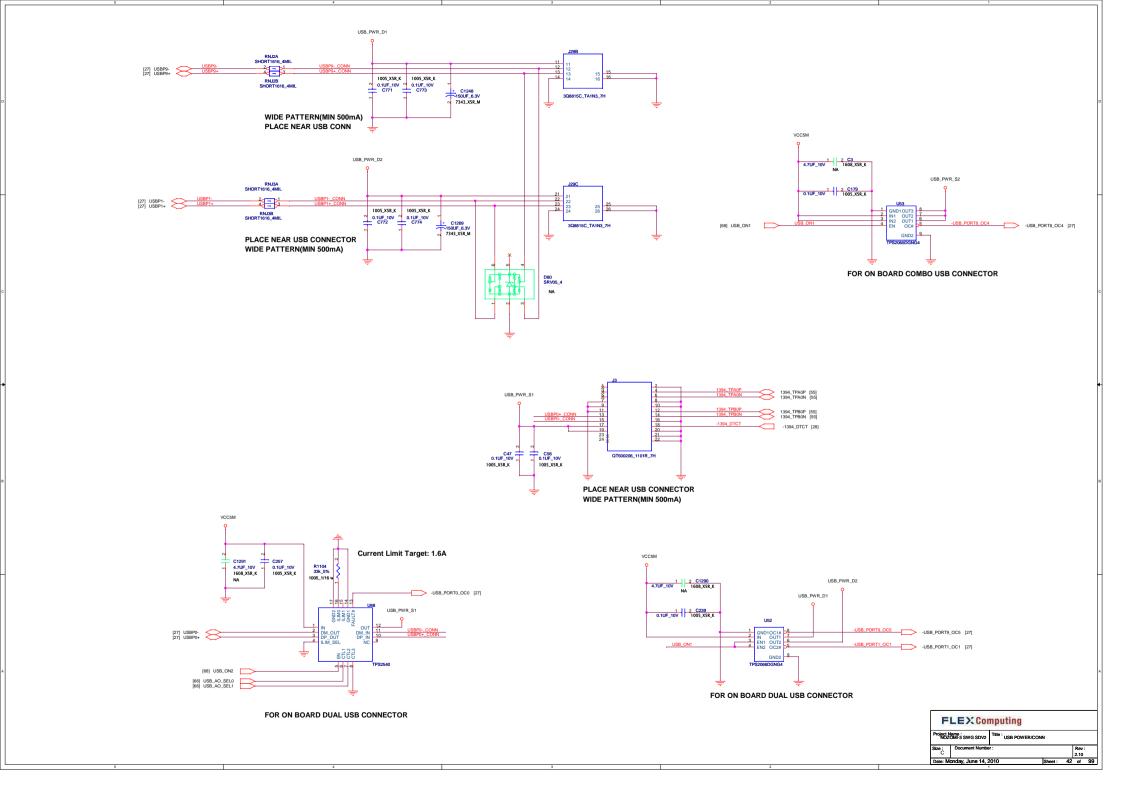
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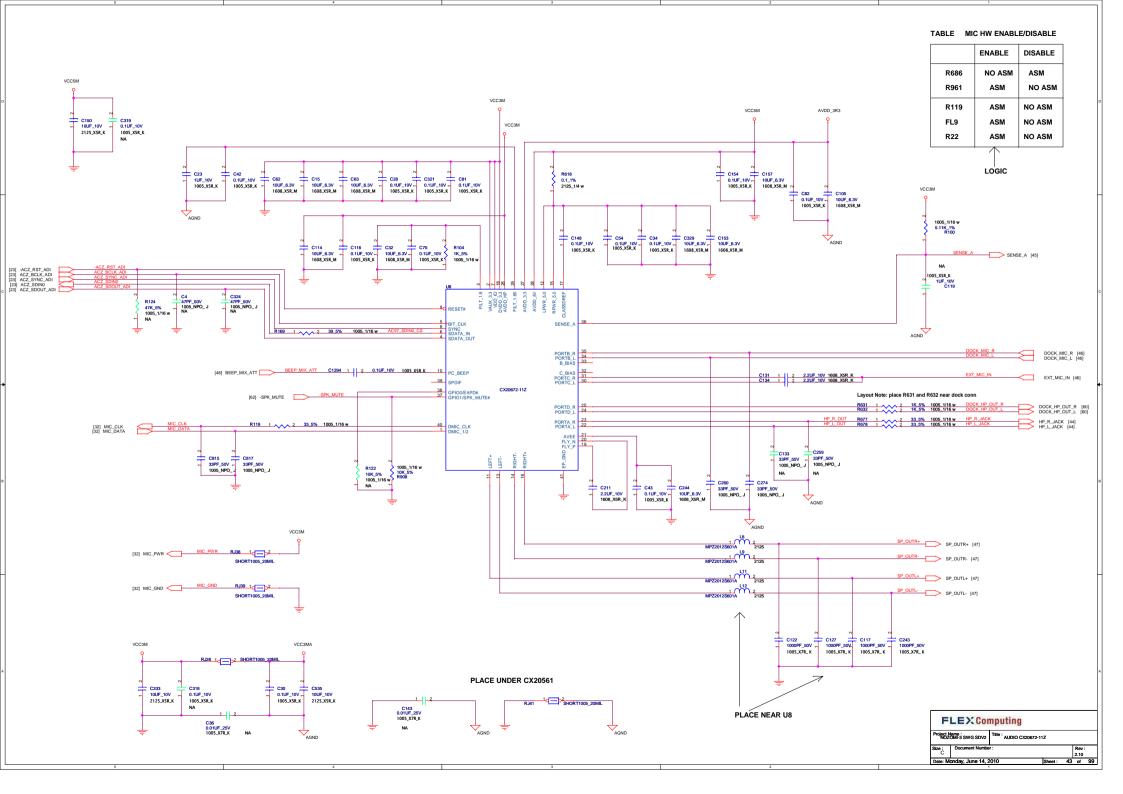


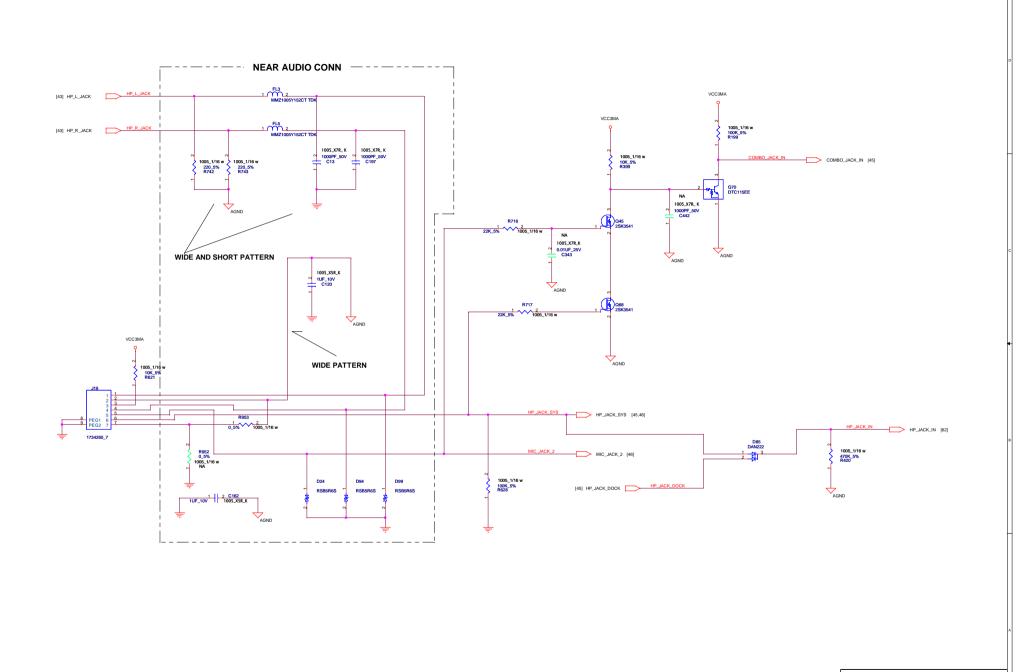
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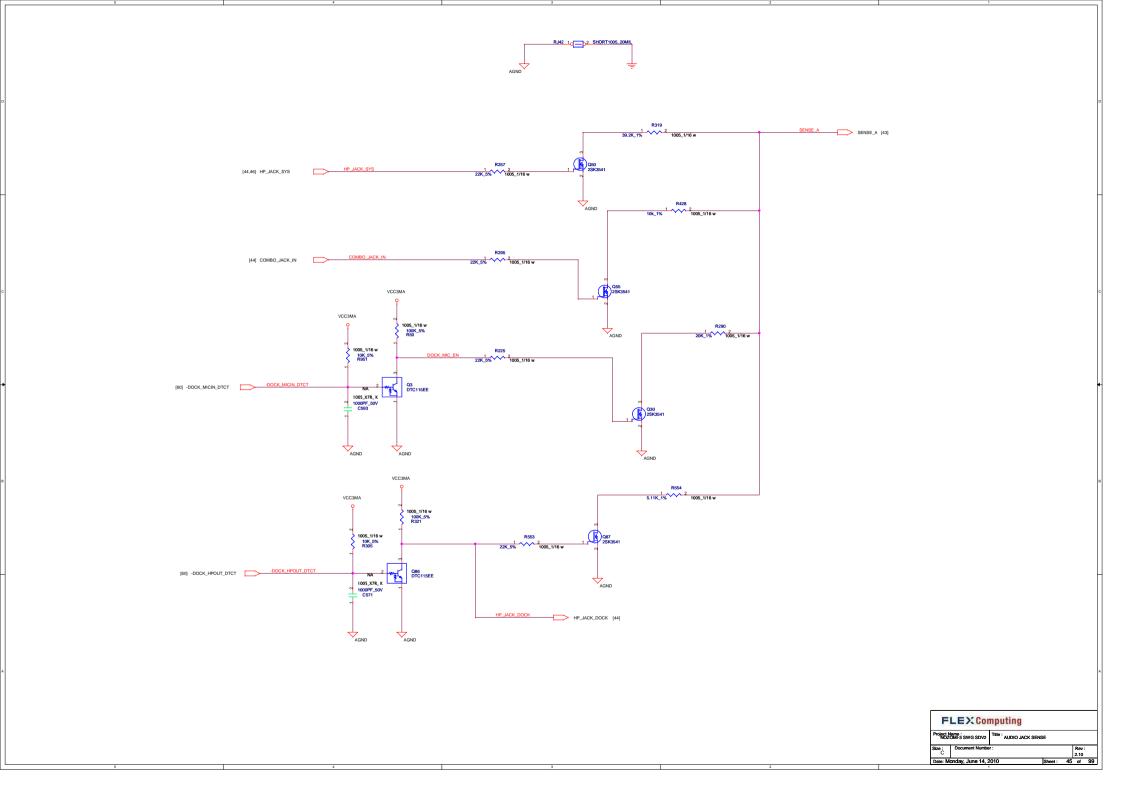


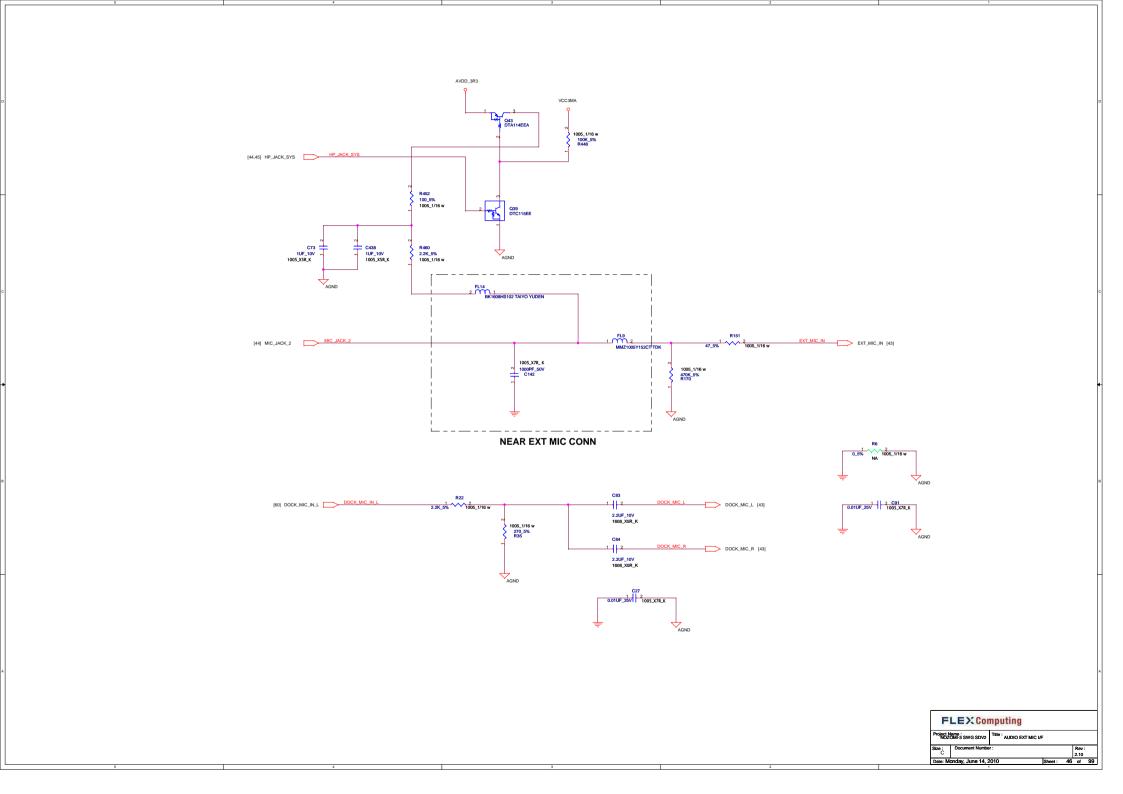
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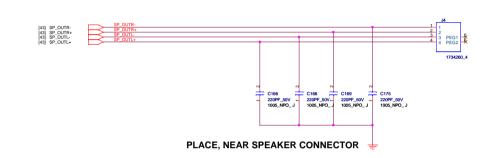
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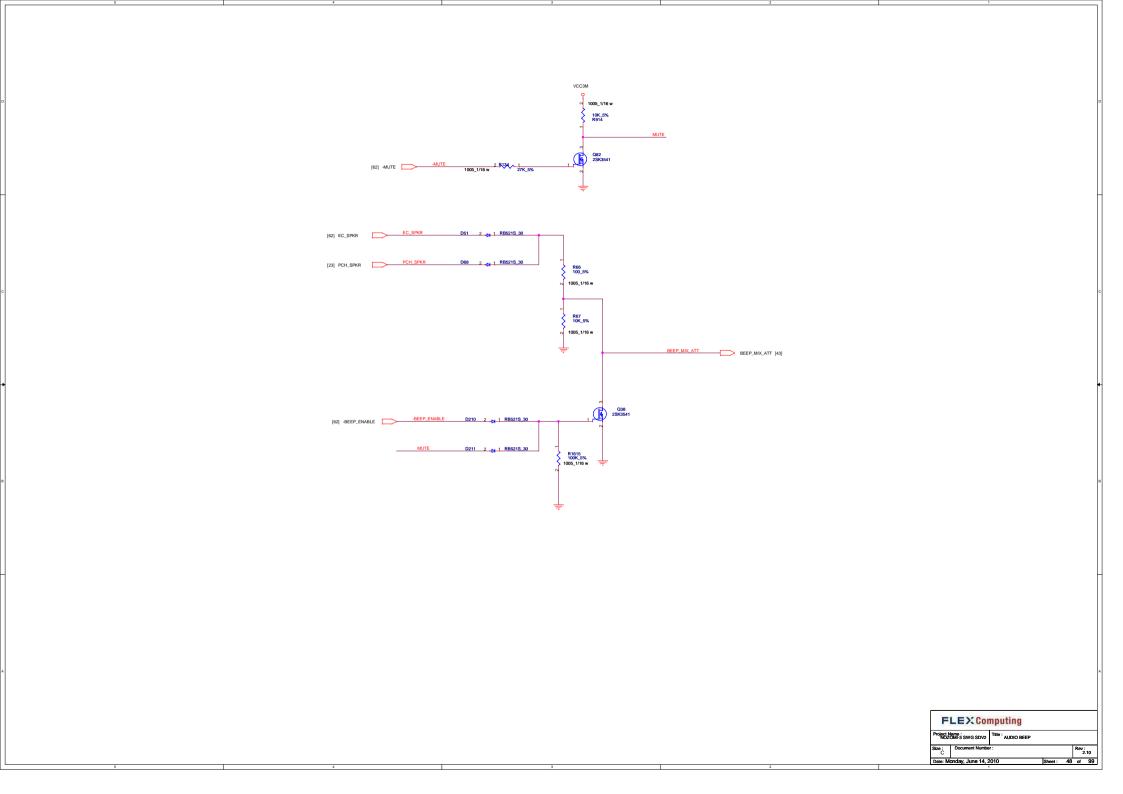


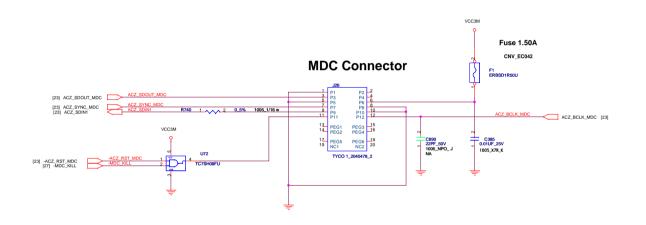


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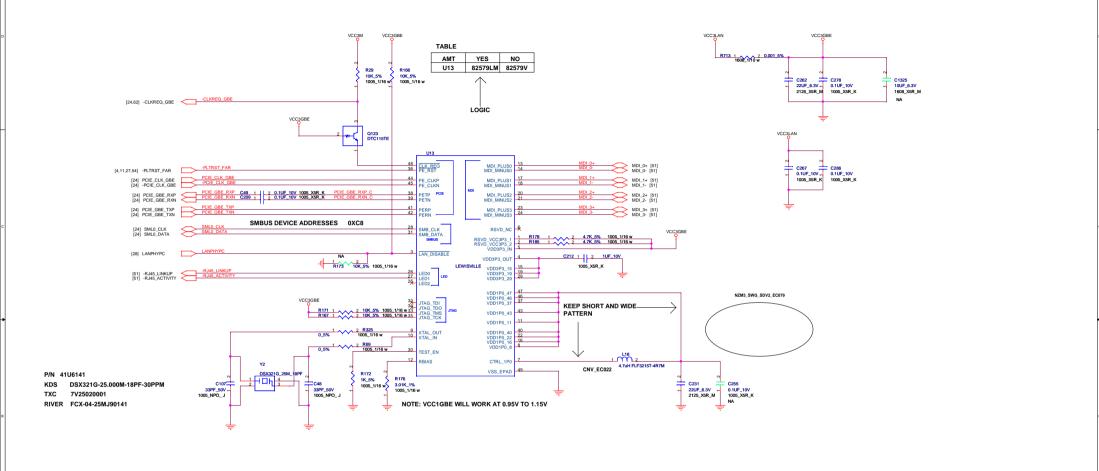
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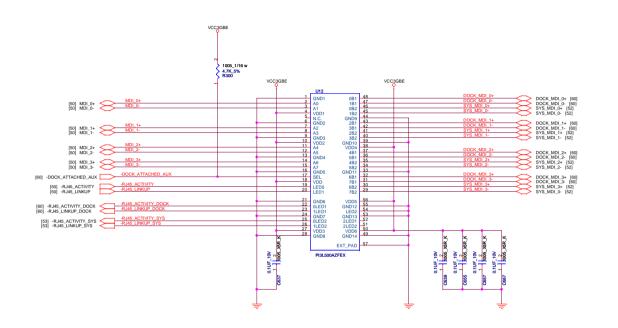


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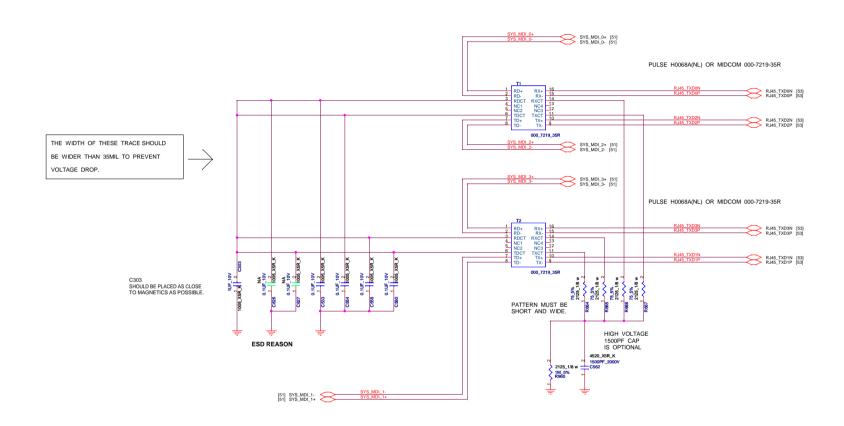
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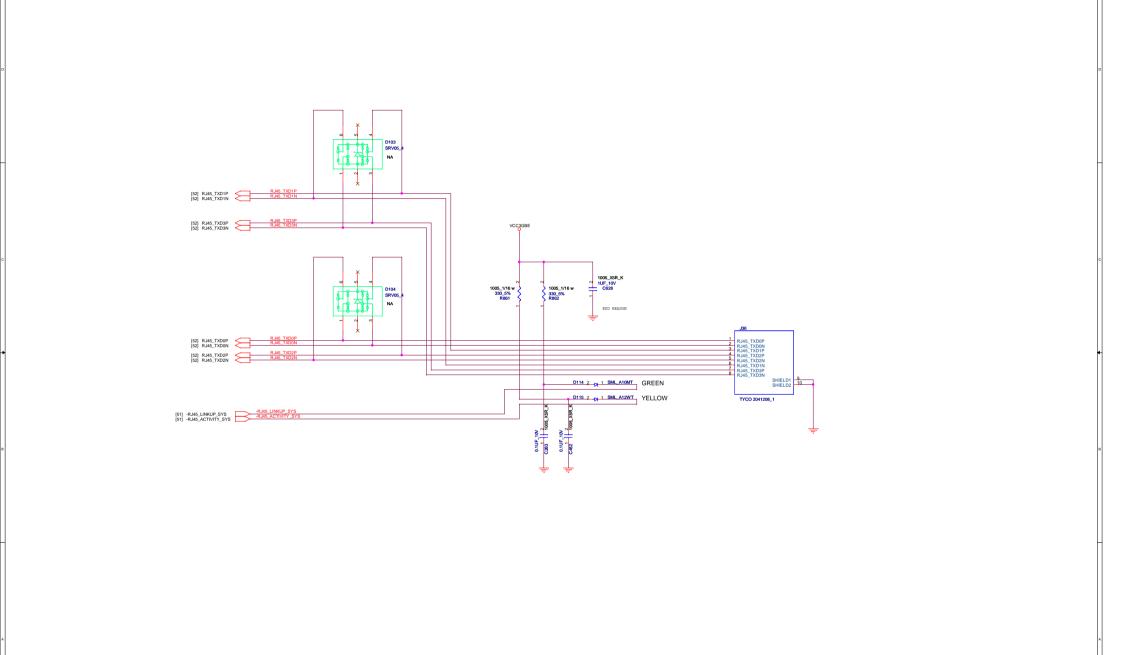
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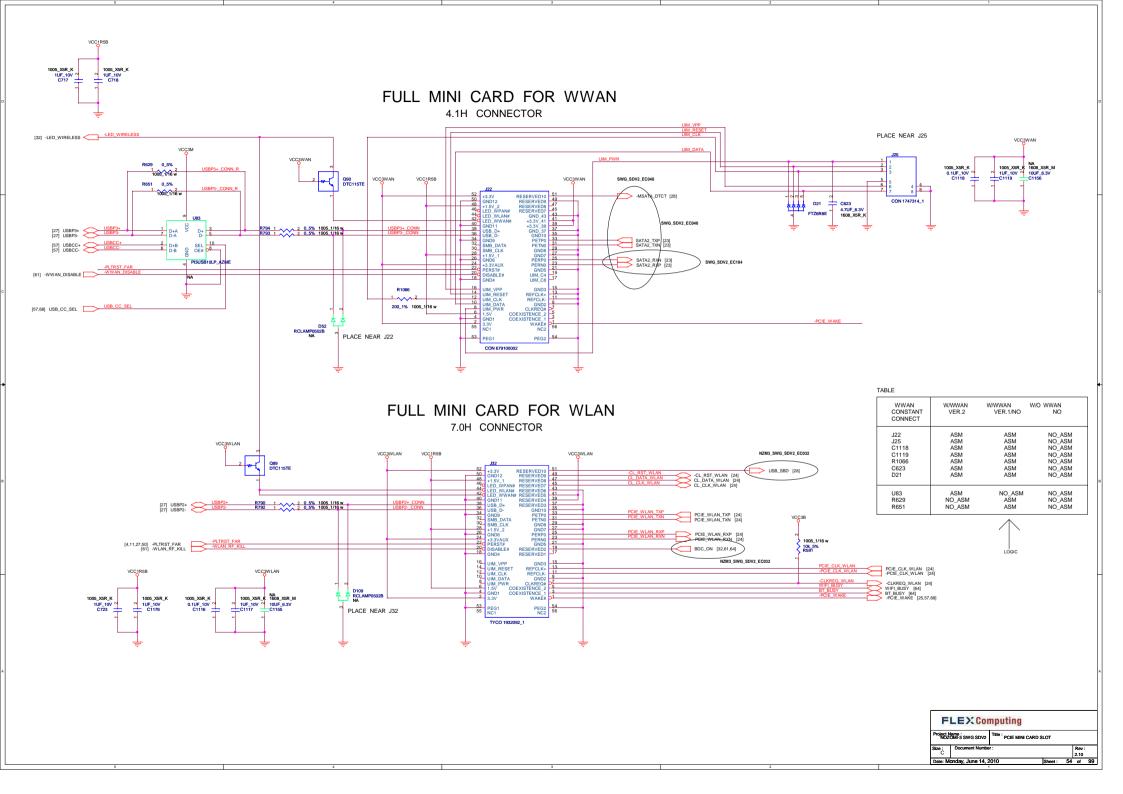
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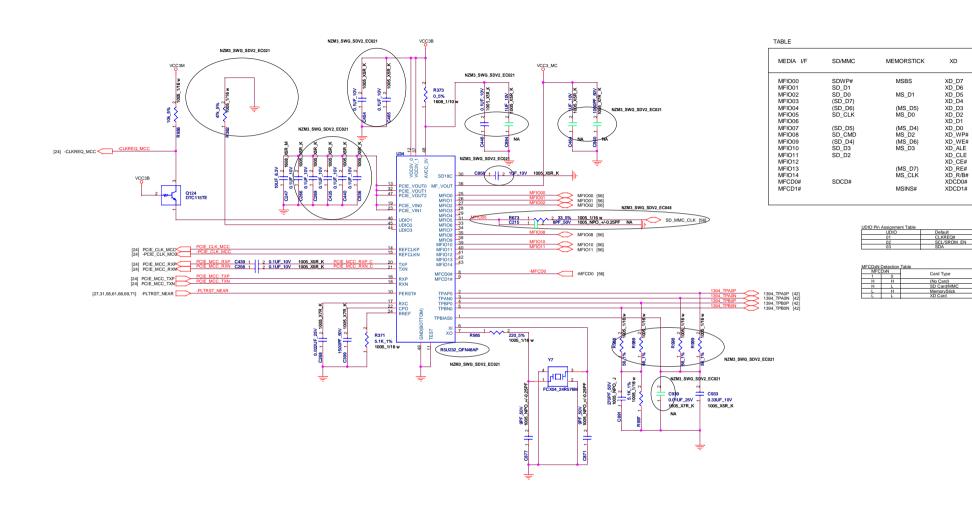
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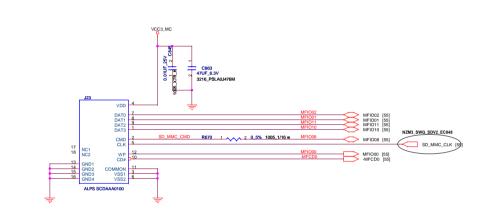
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FLEX Computing

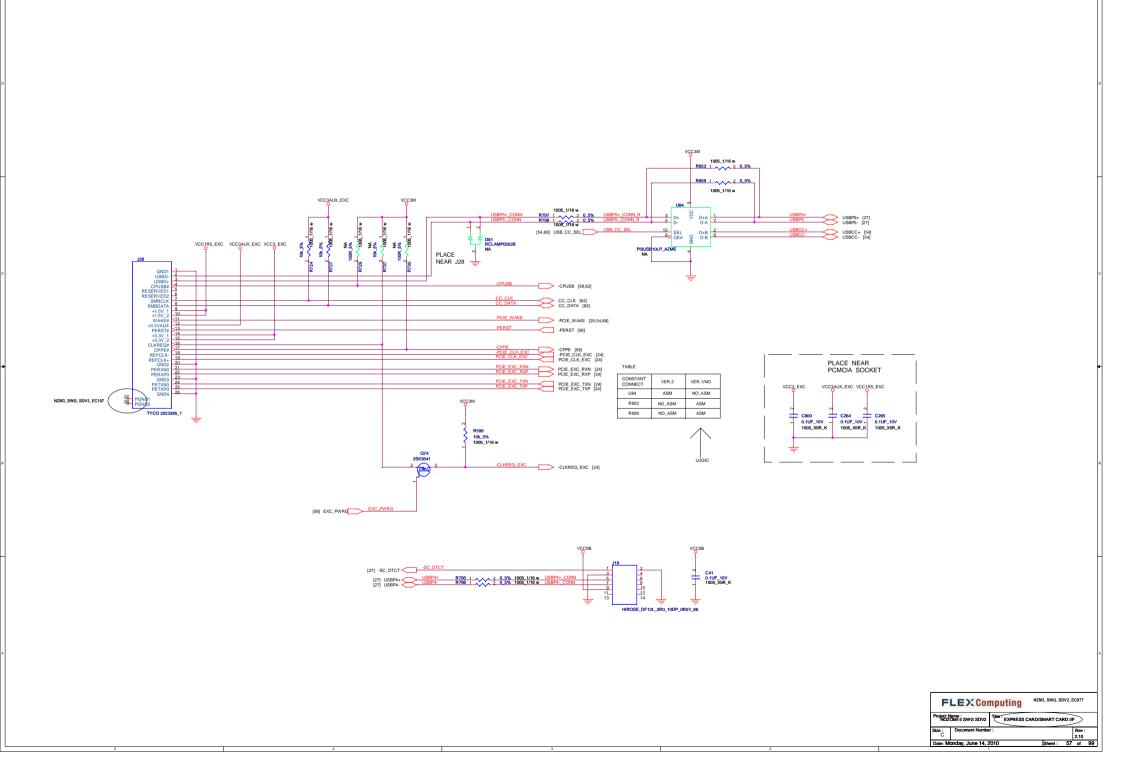
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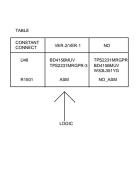


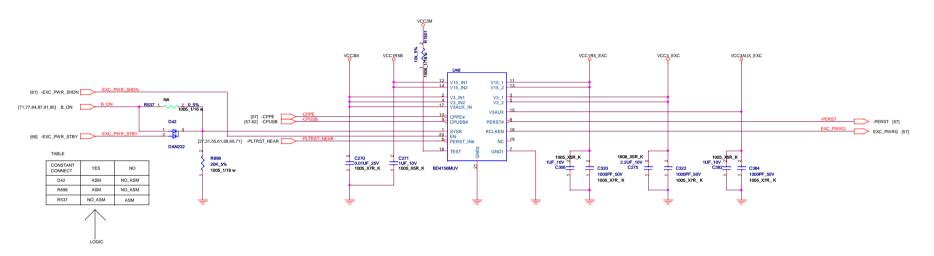
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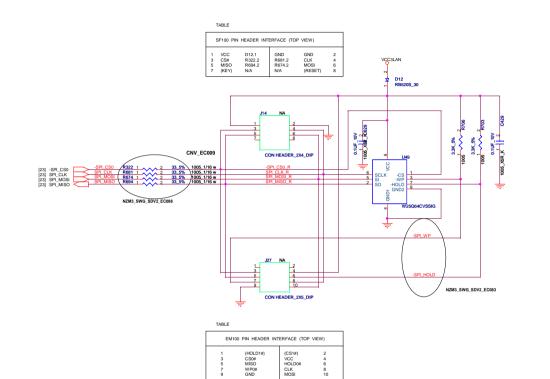
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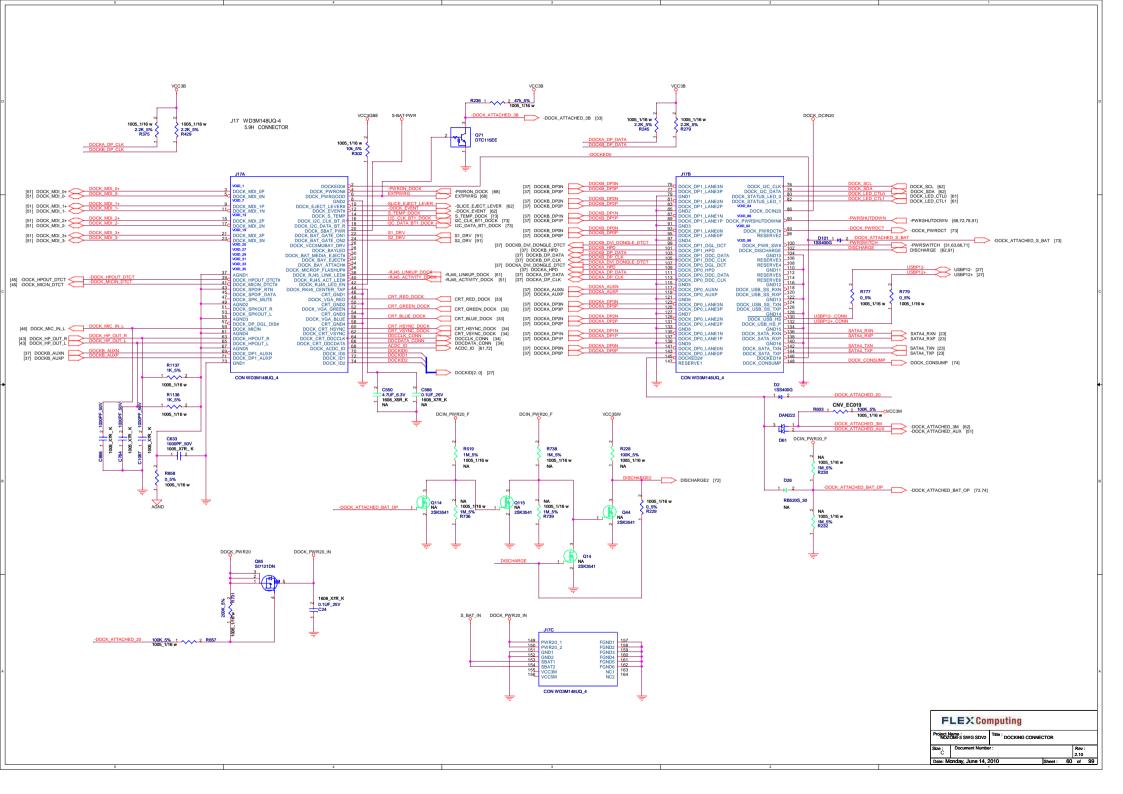
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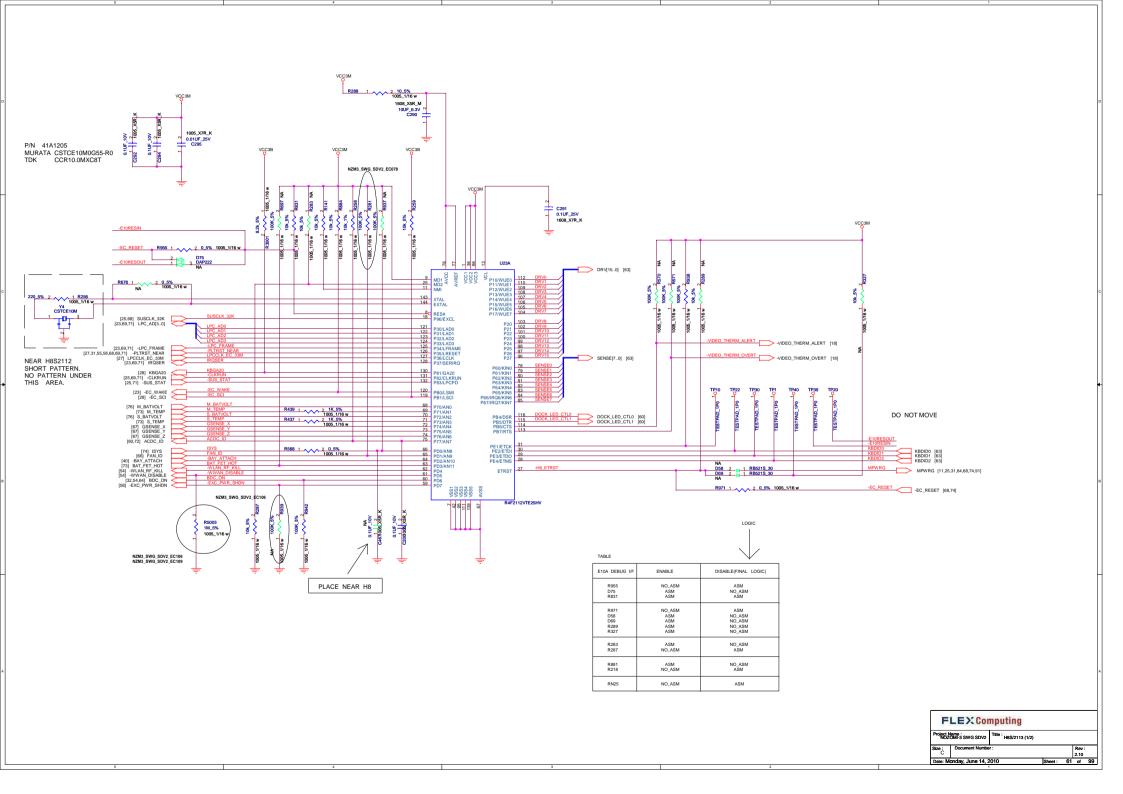
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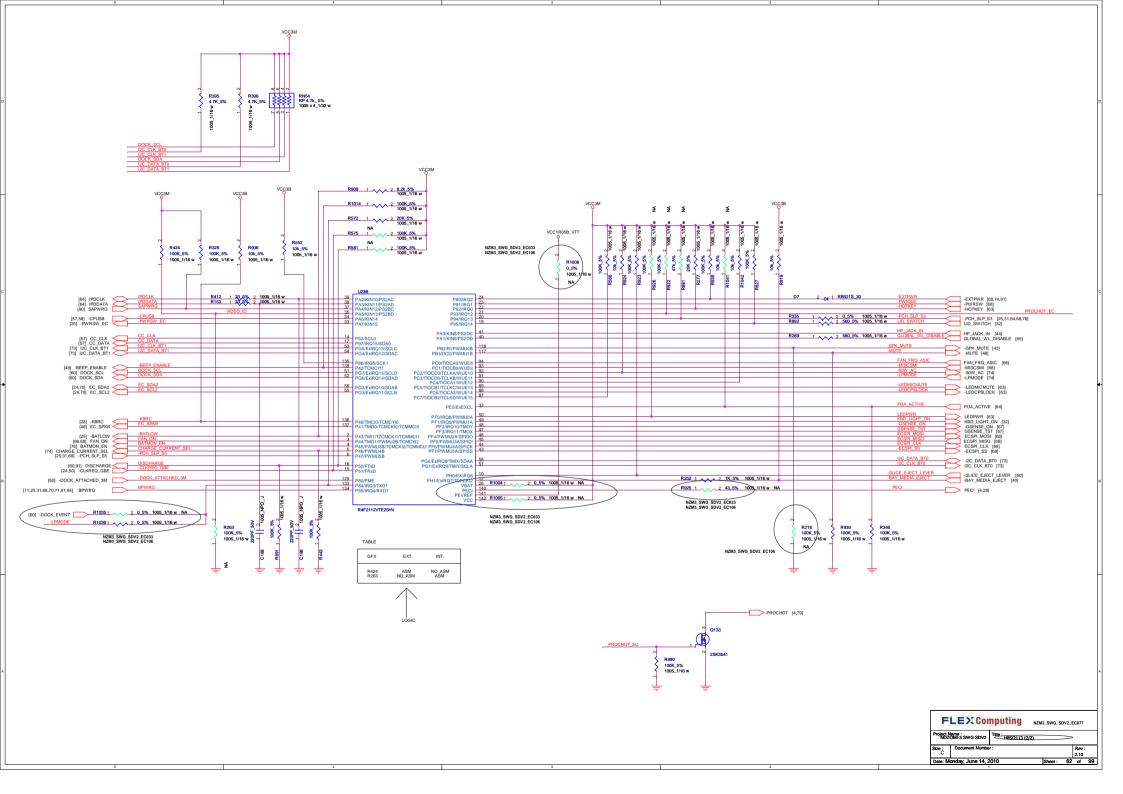
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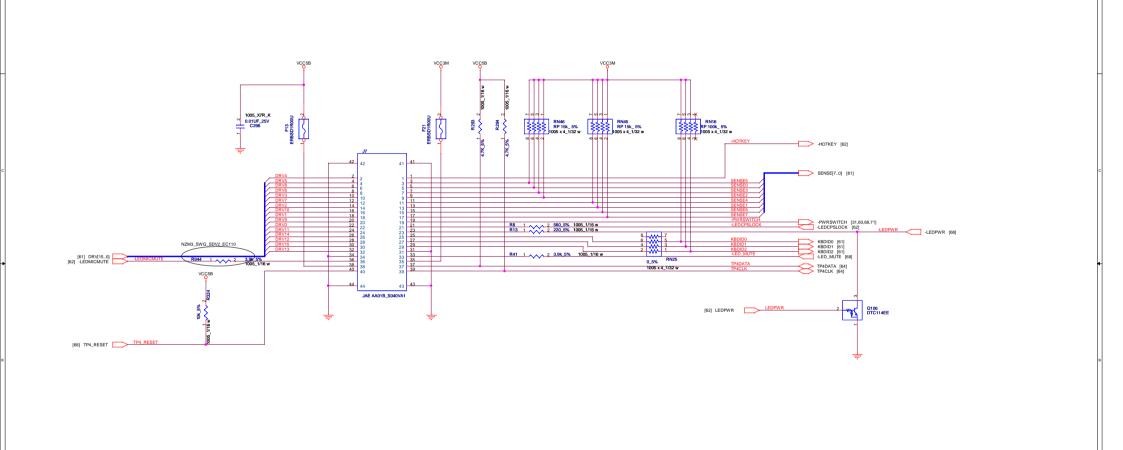
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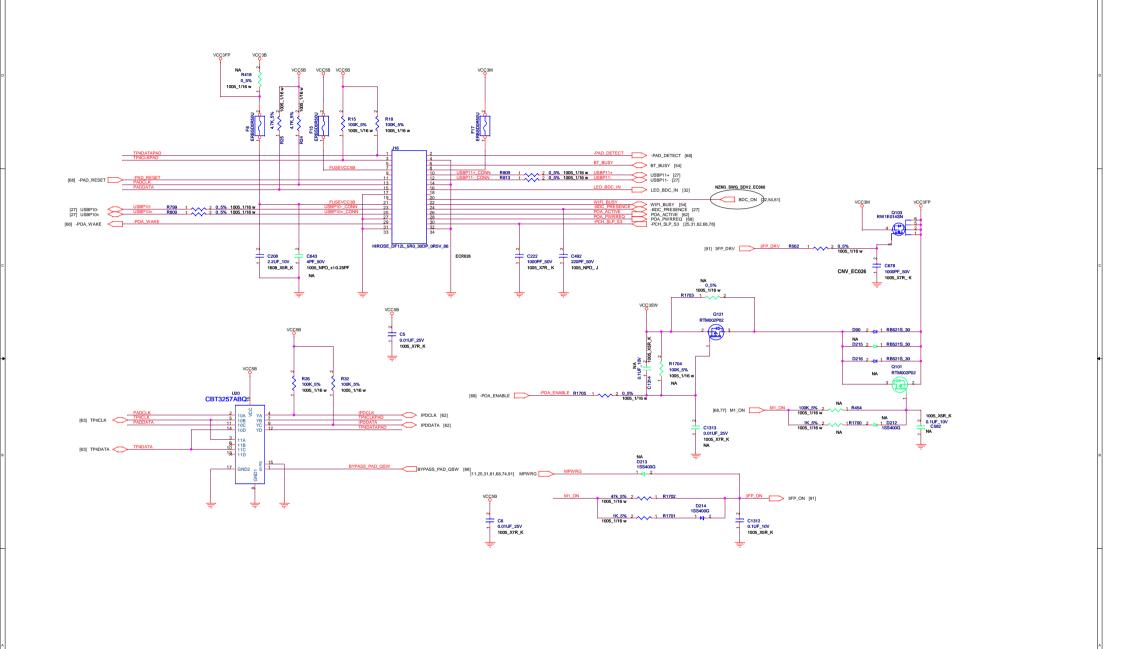












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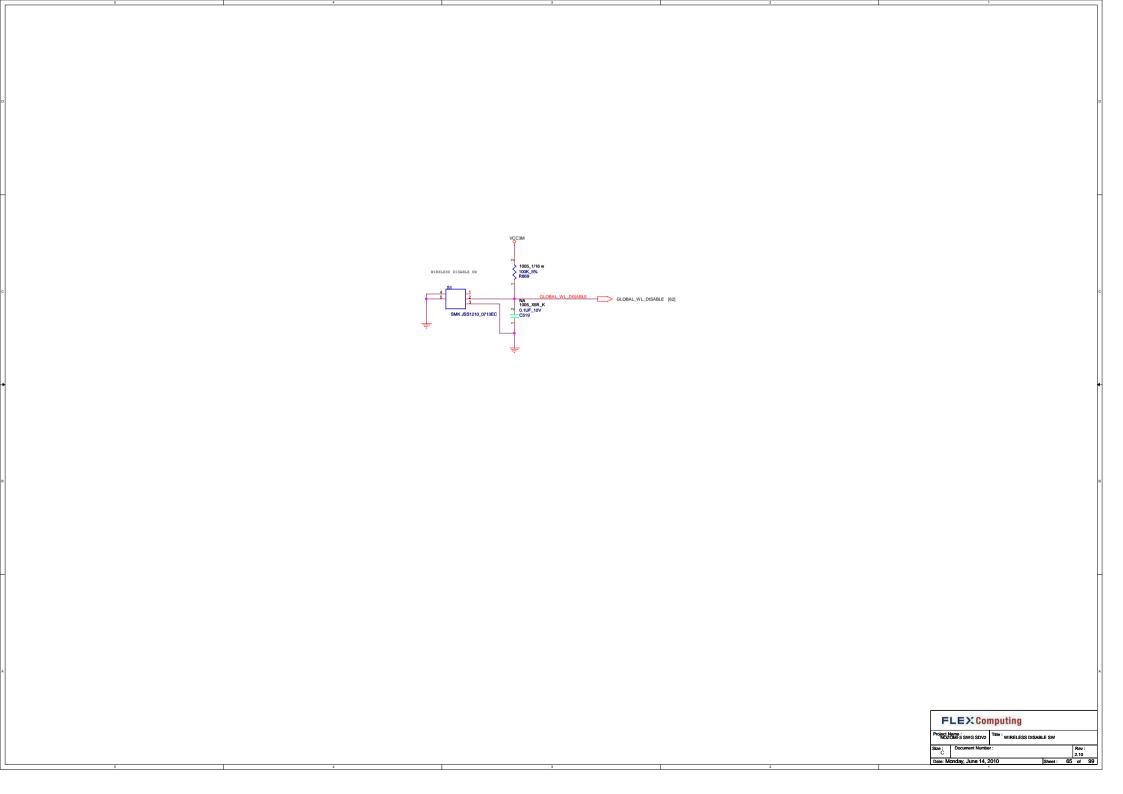
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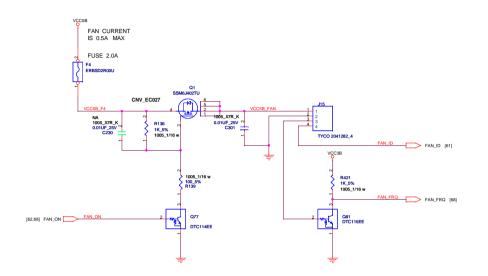
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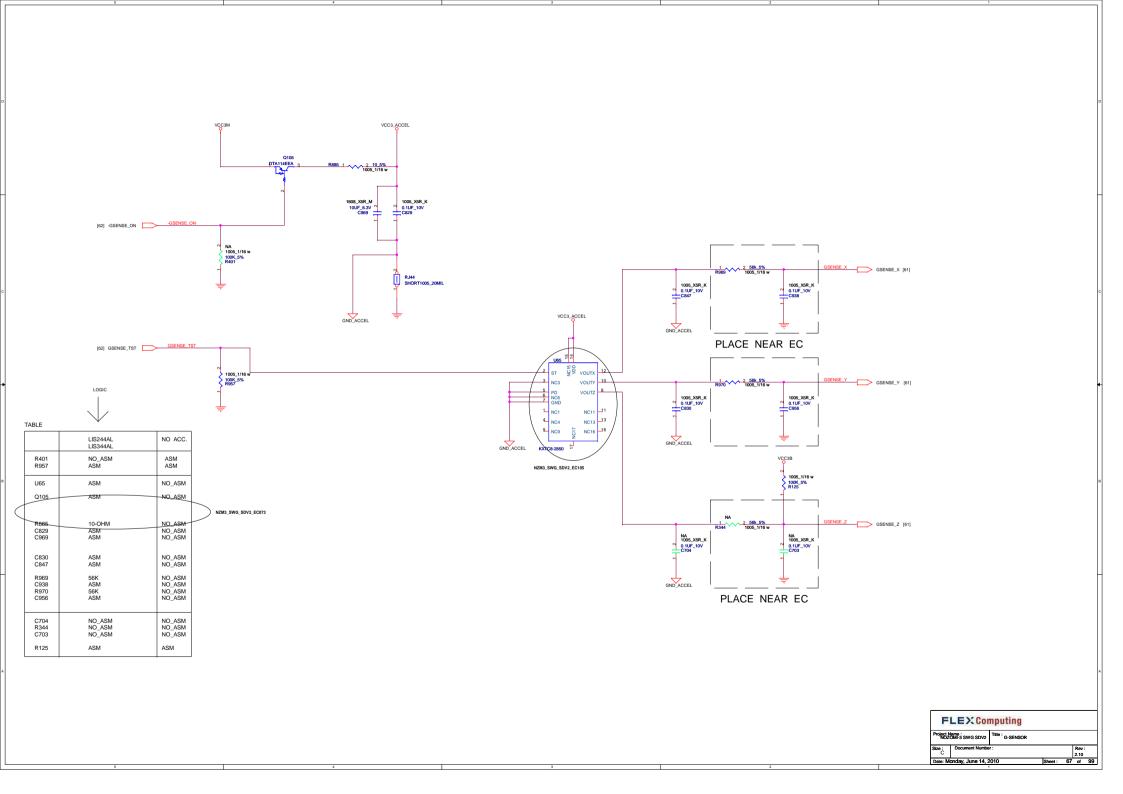
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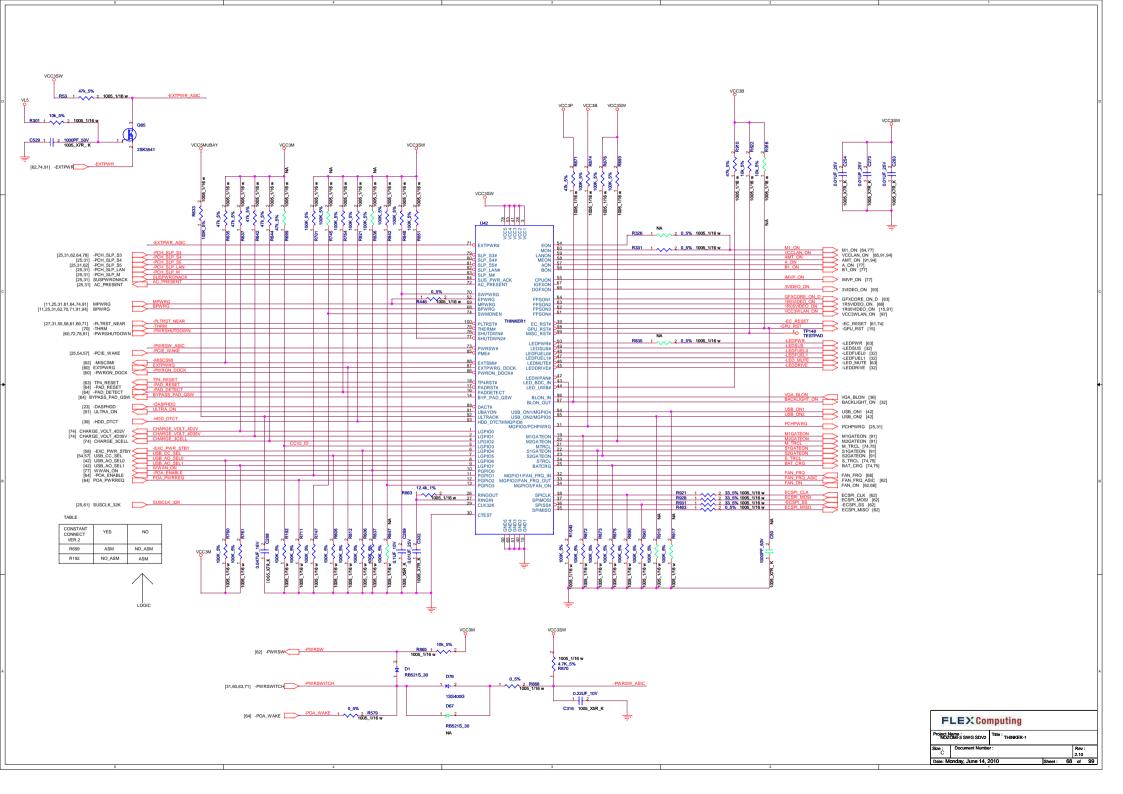
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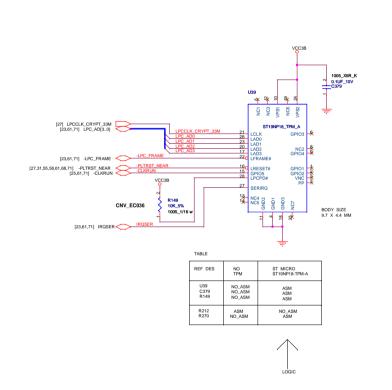




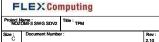
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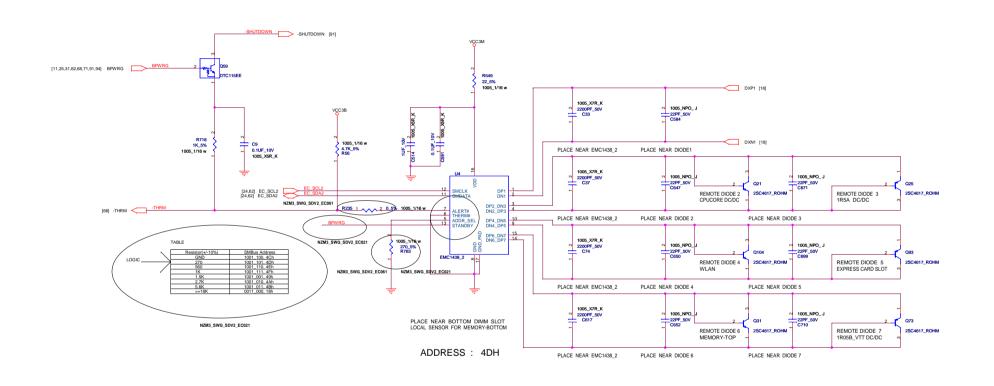








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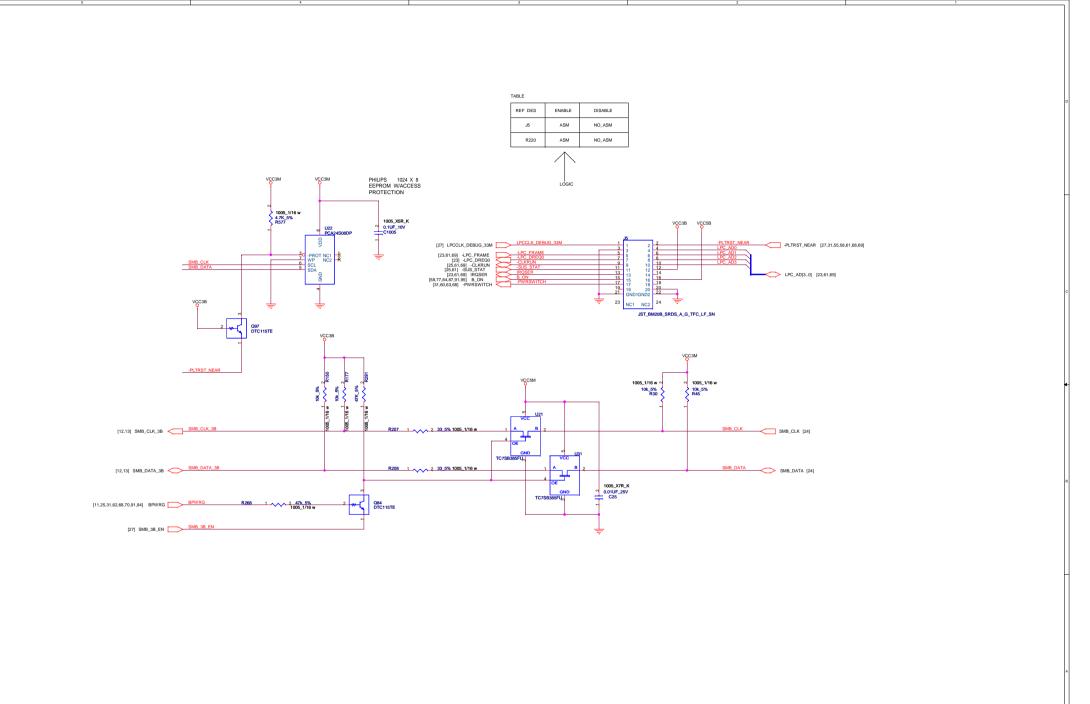


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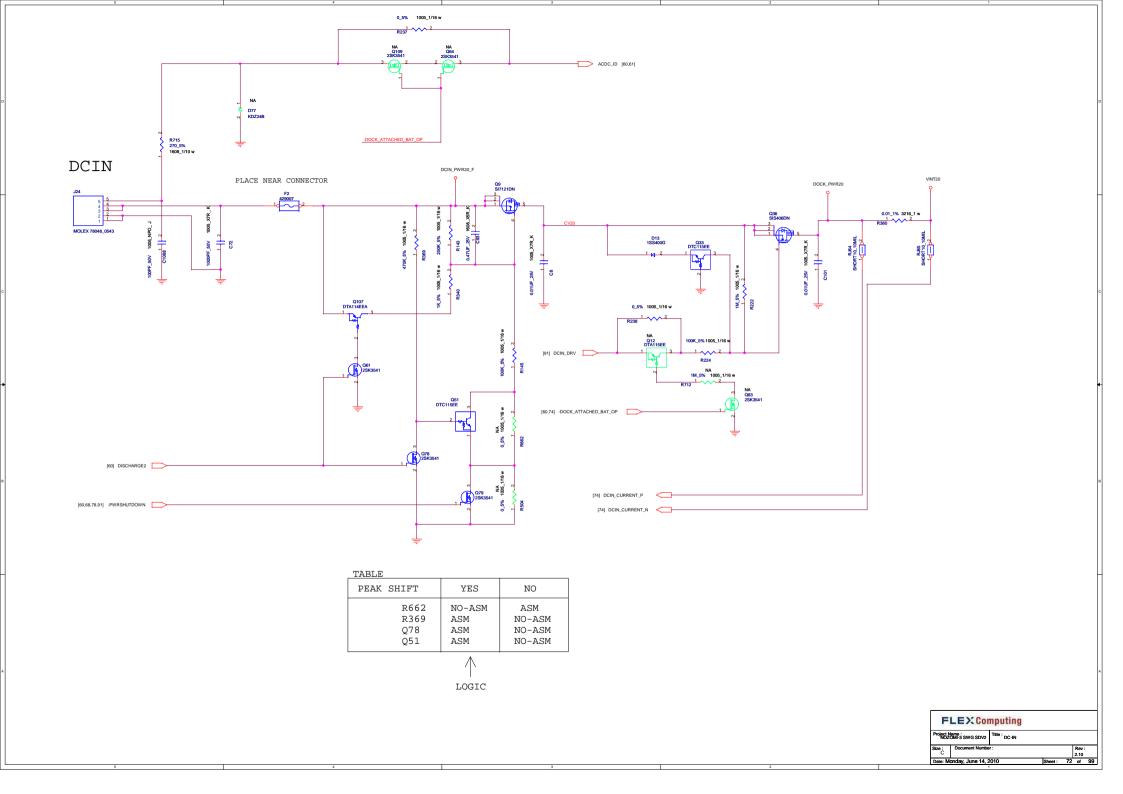
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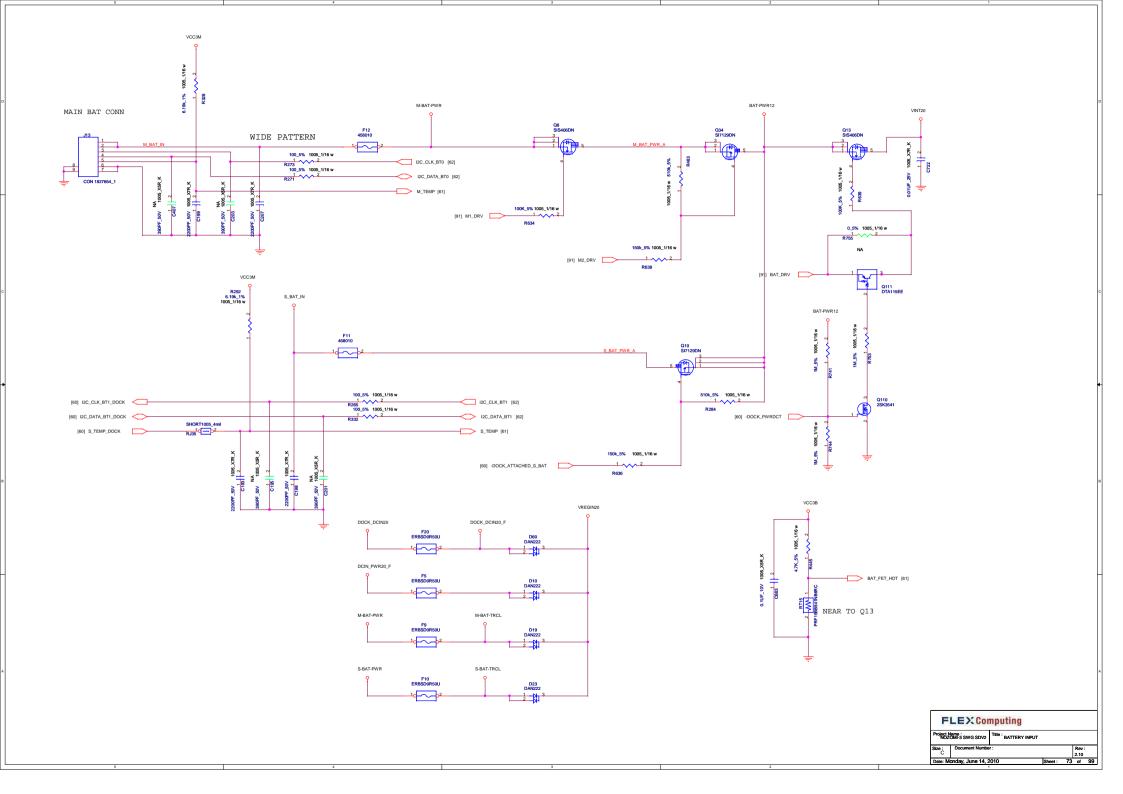
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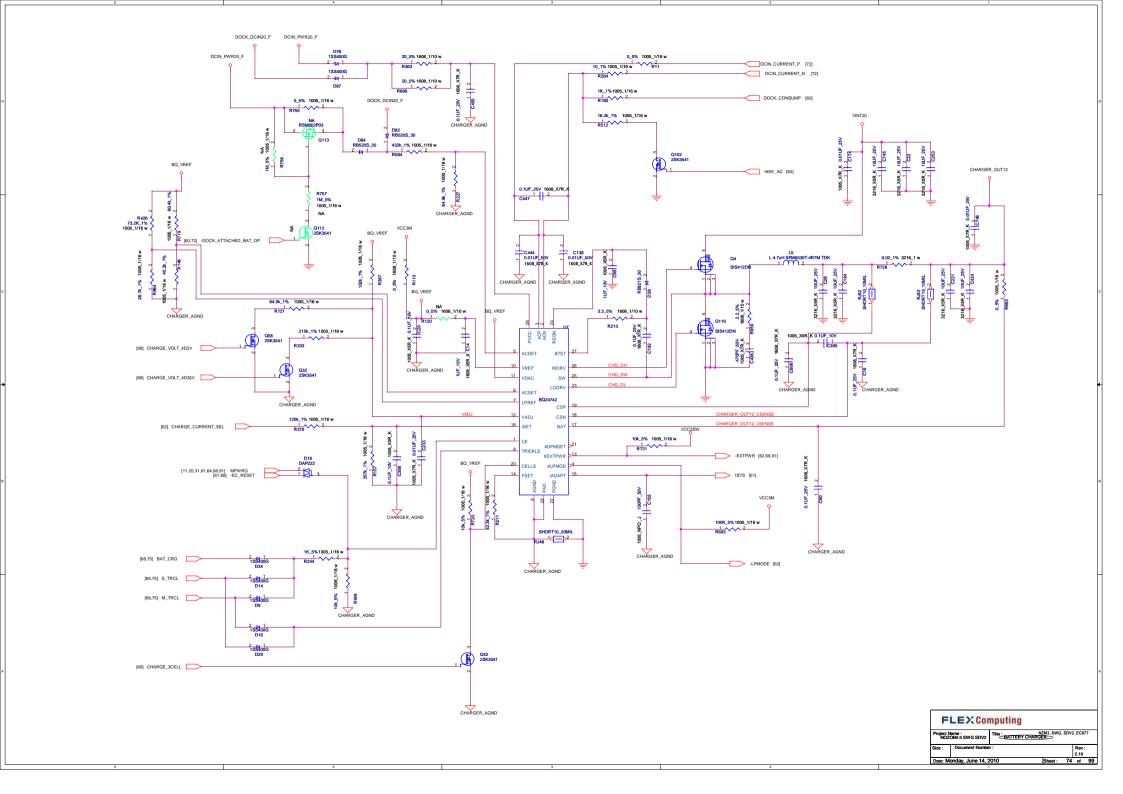
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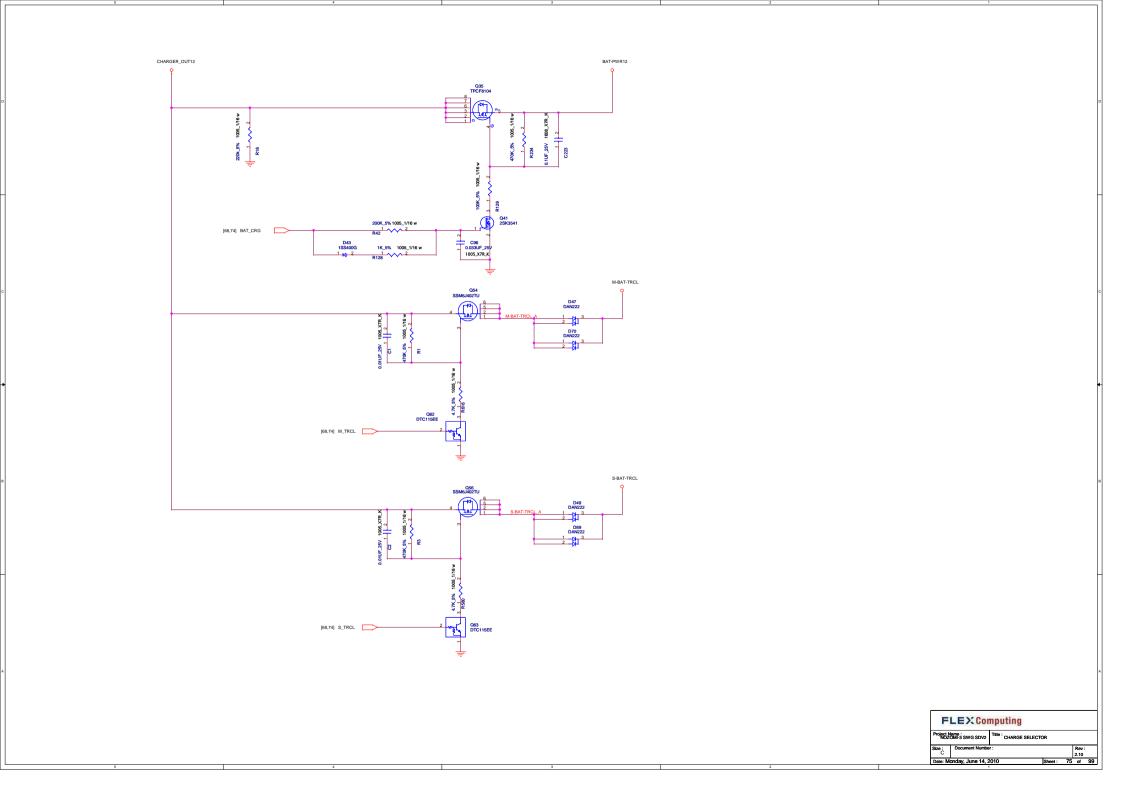


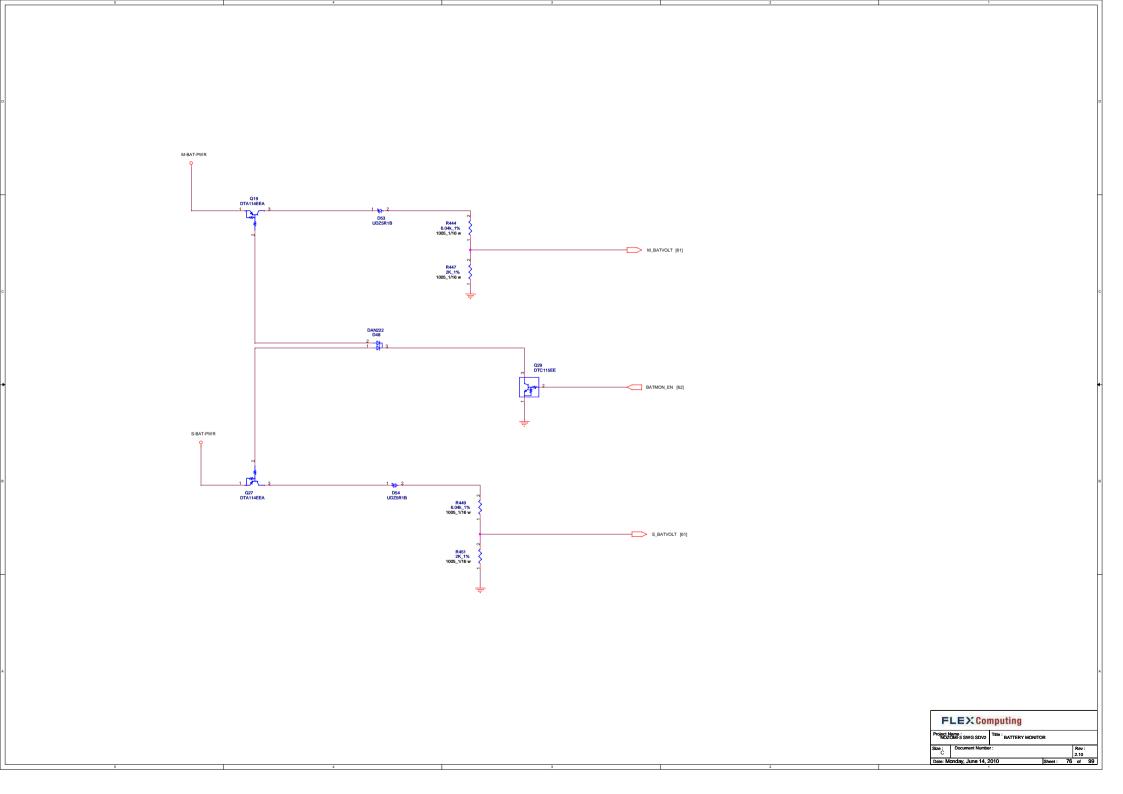
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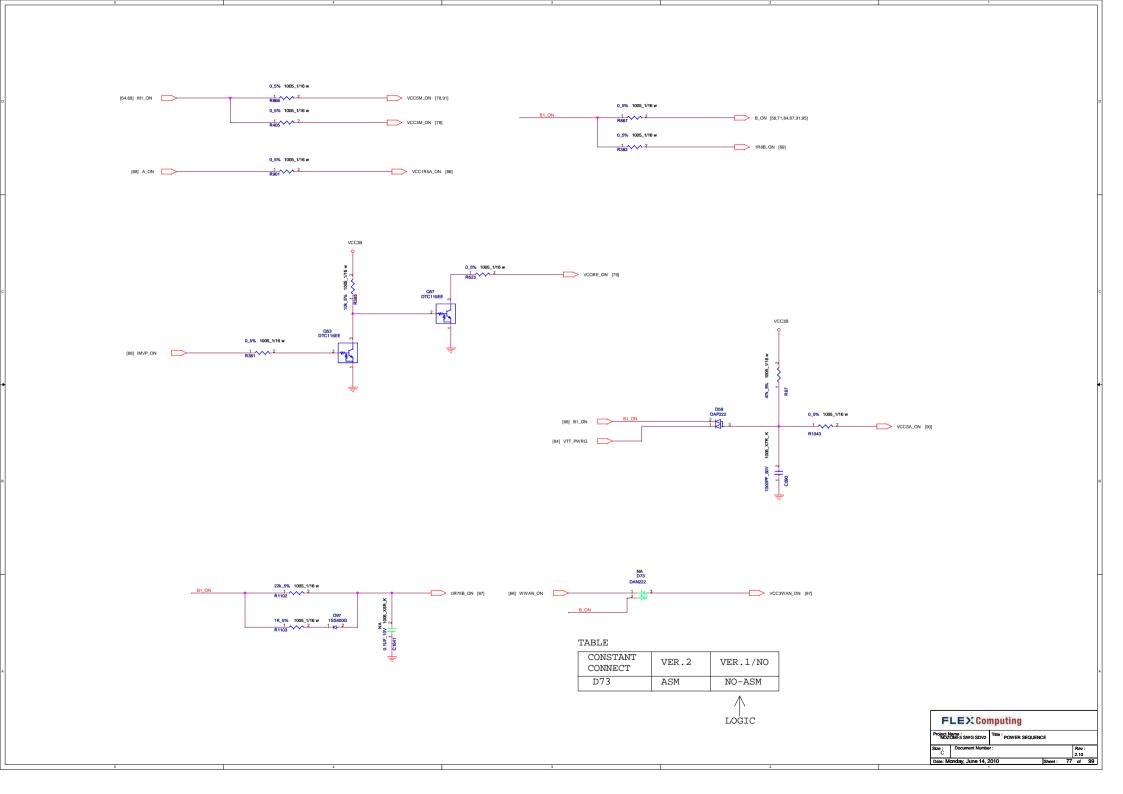


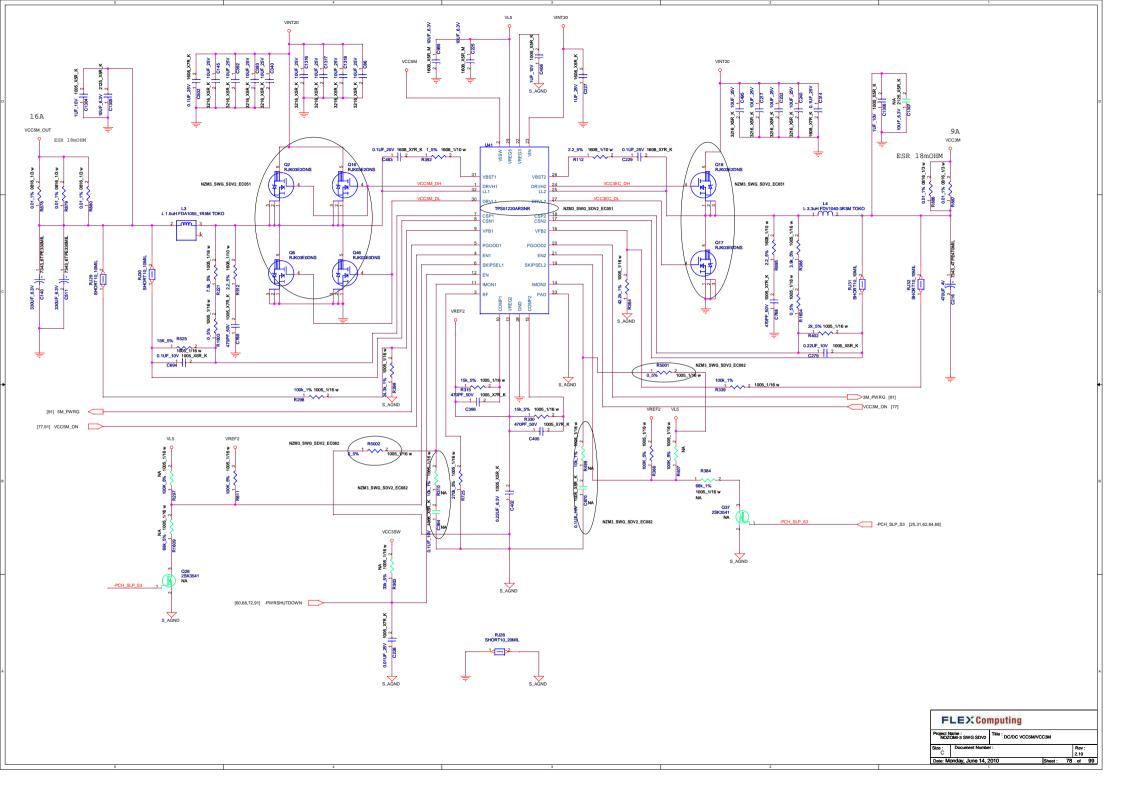


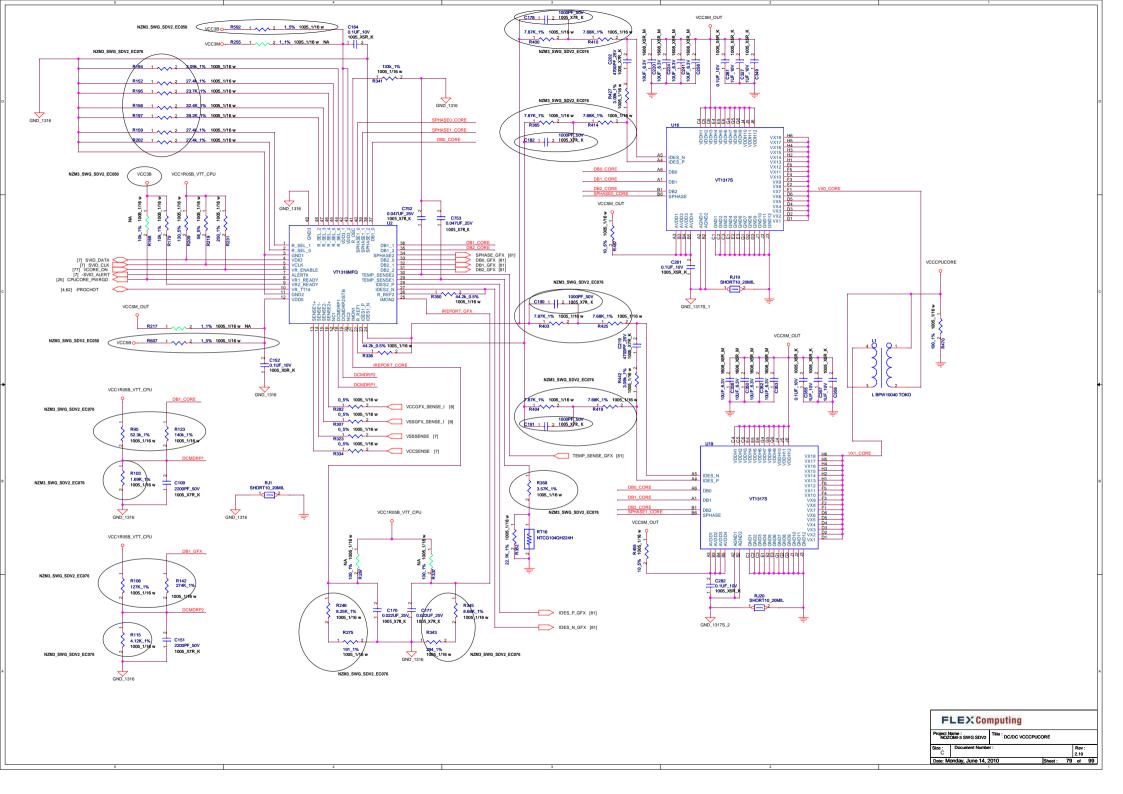




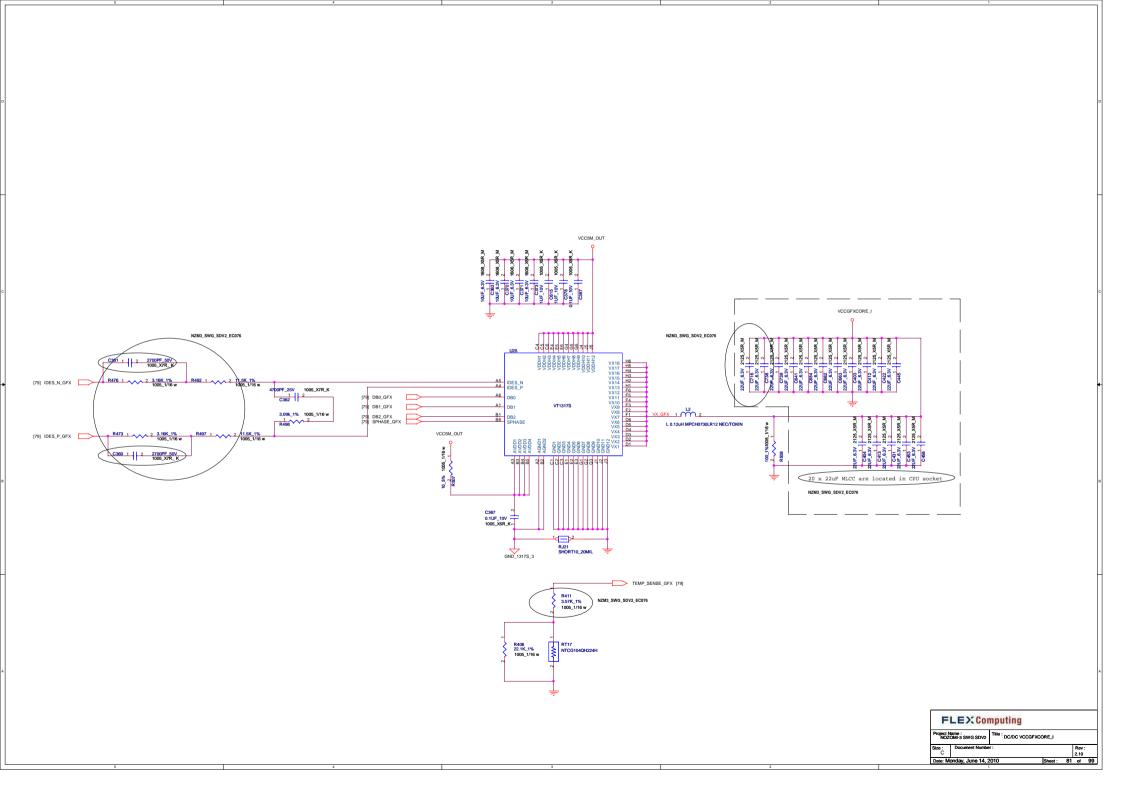


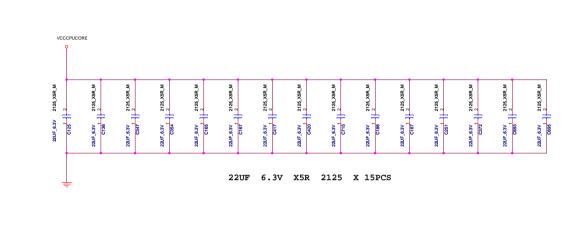


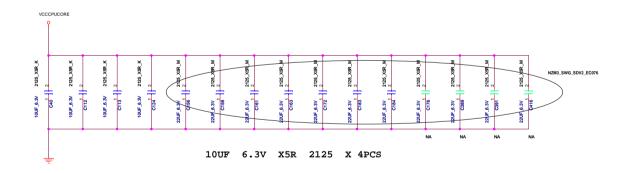


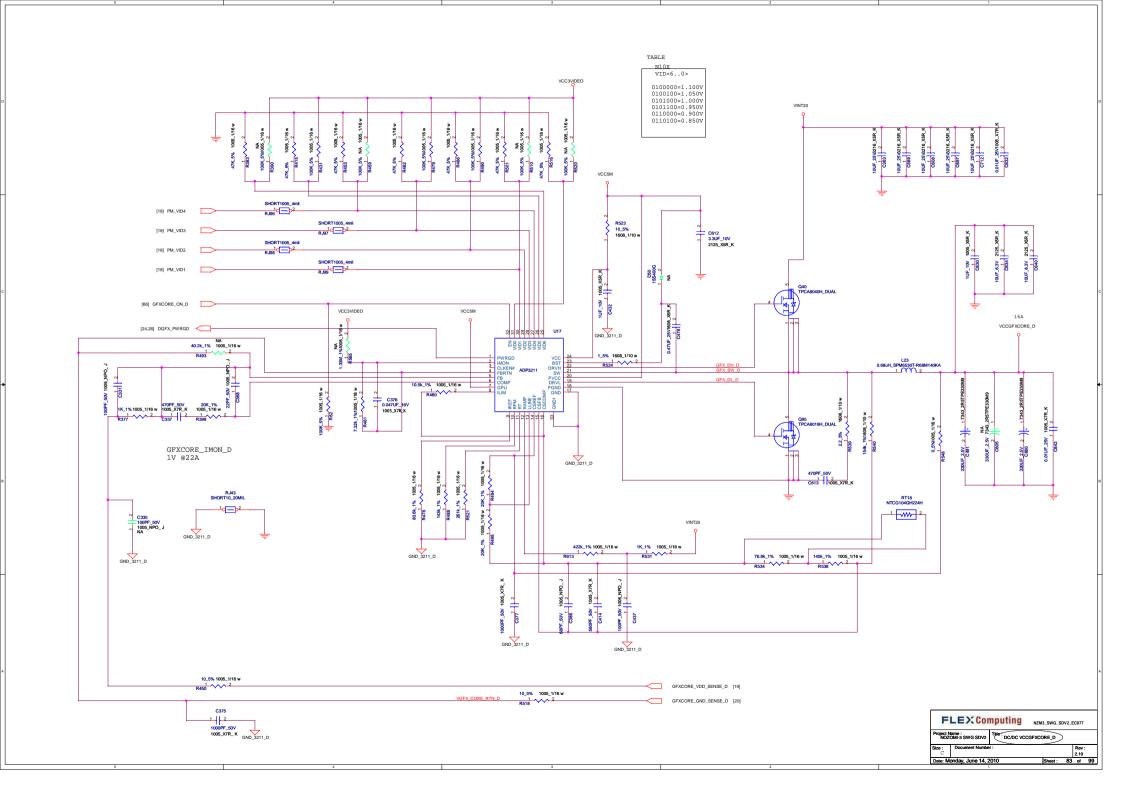


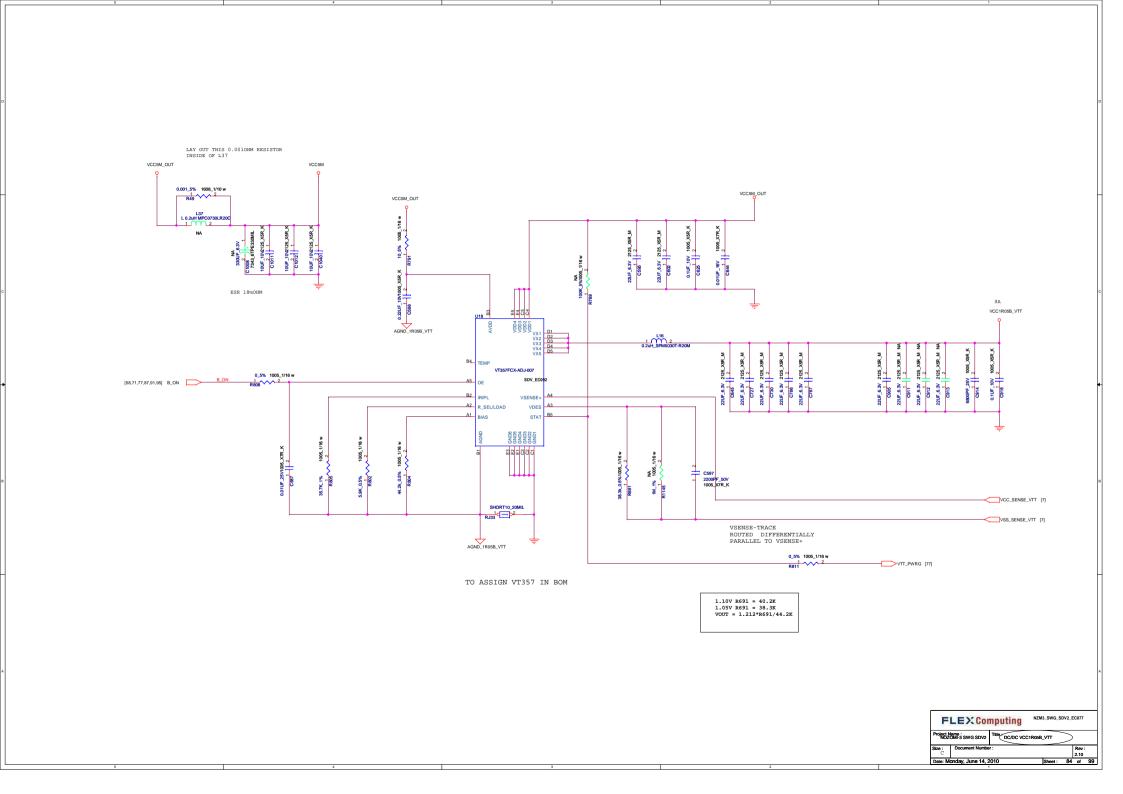


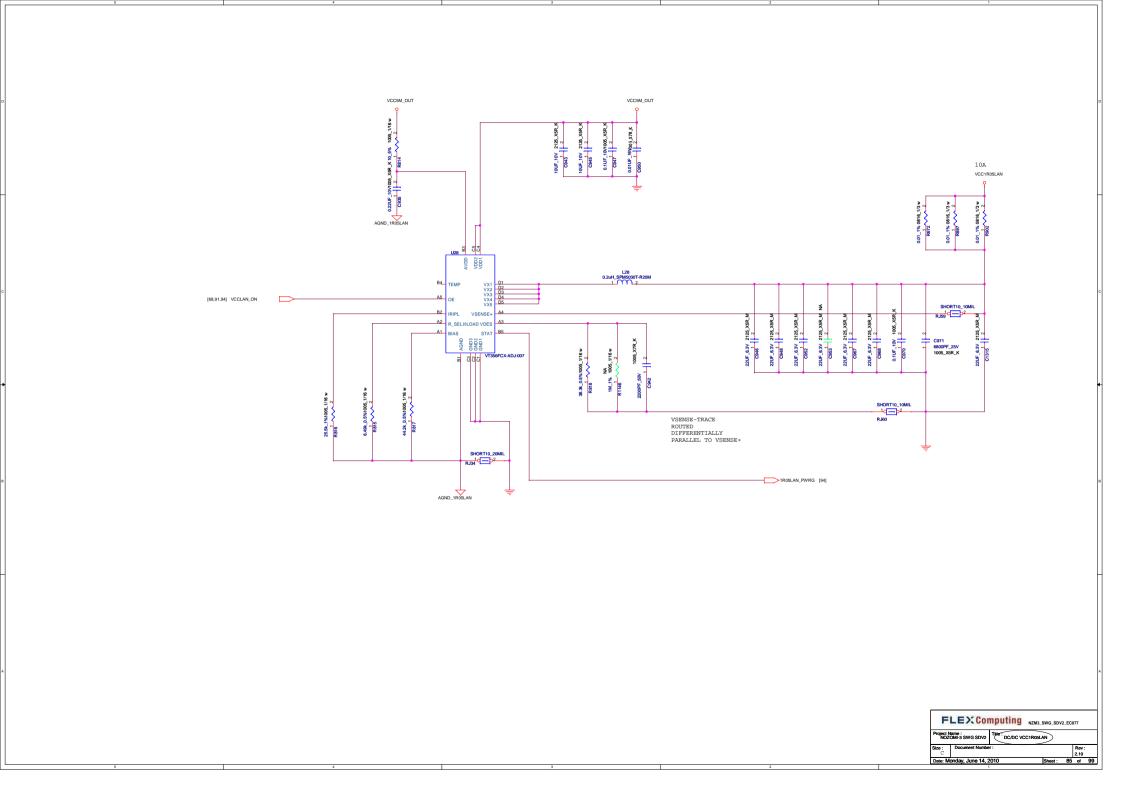


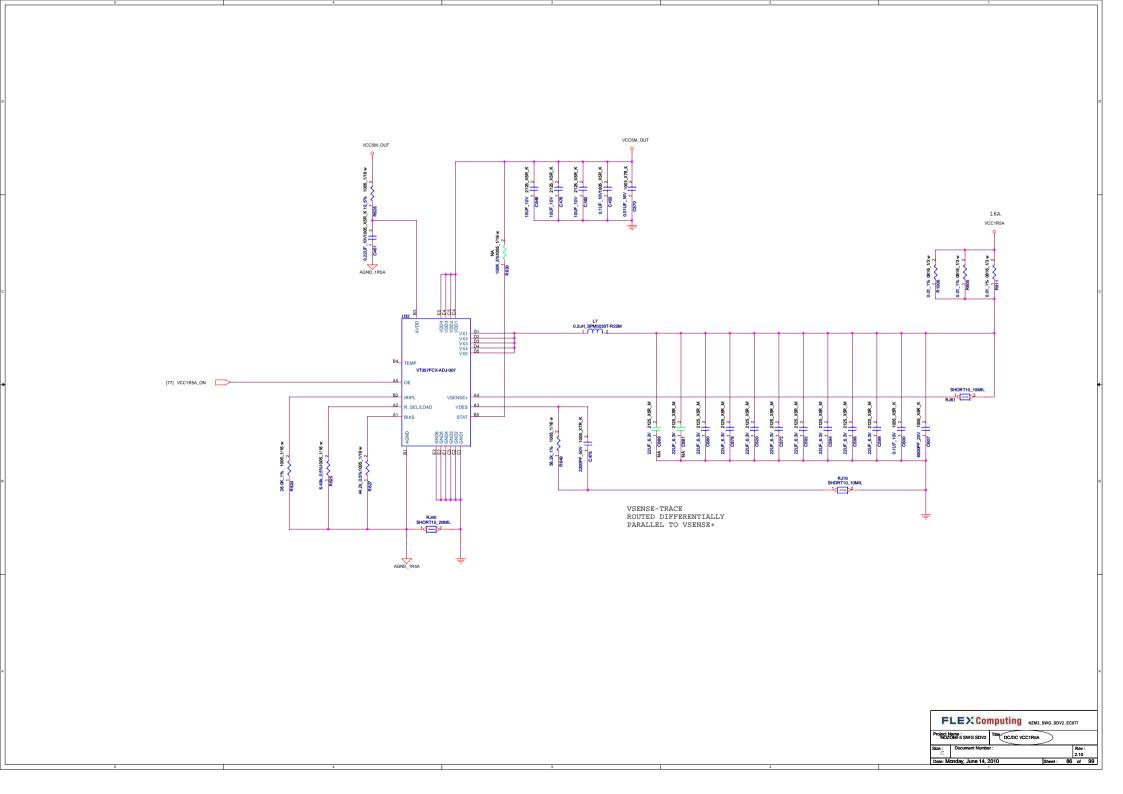


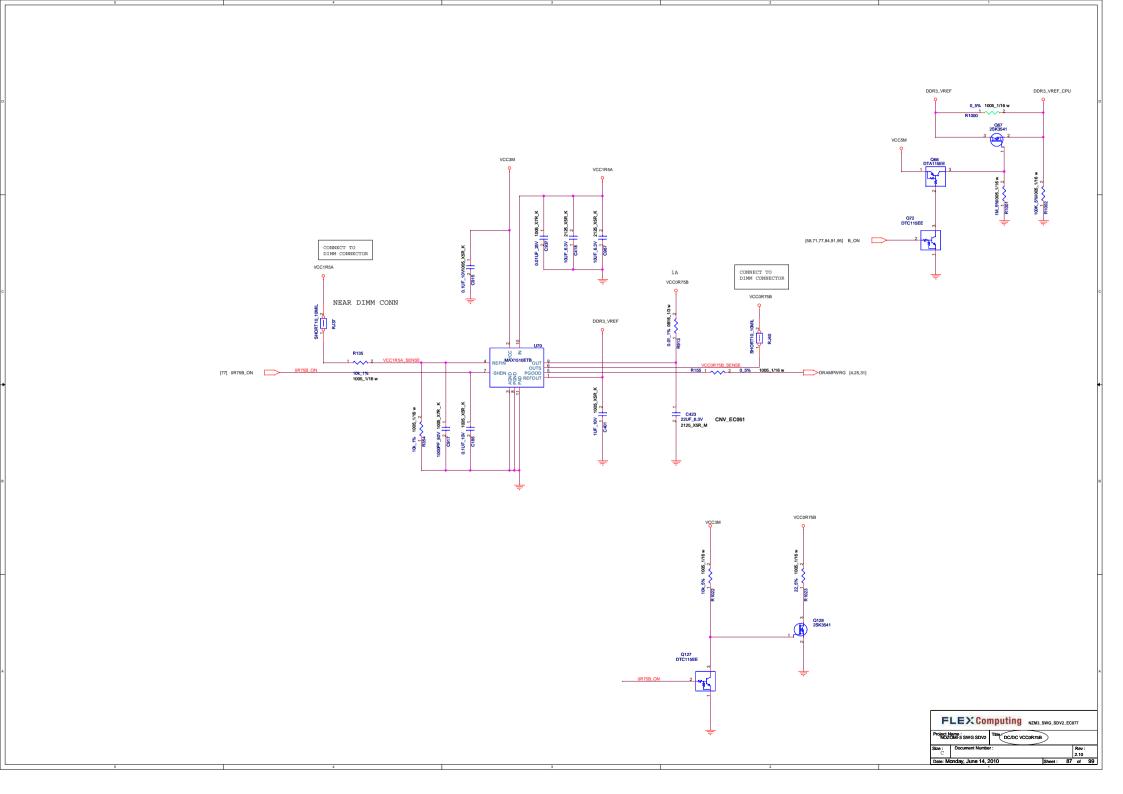


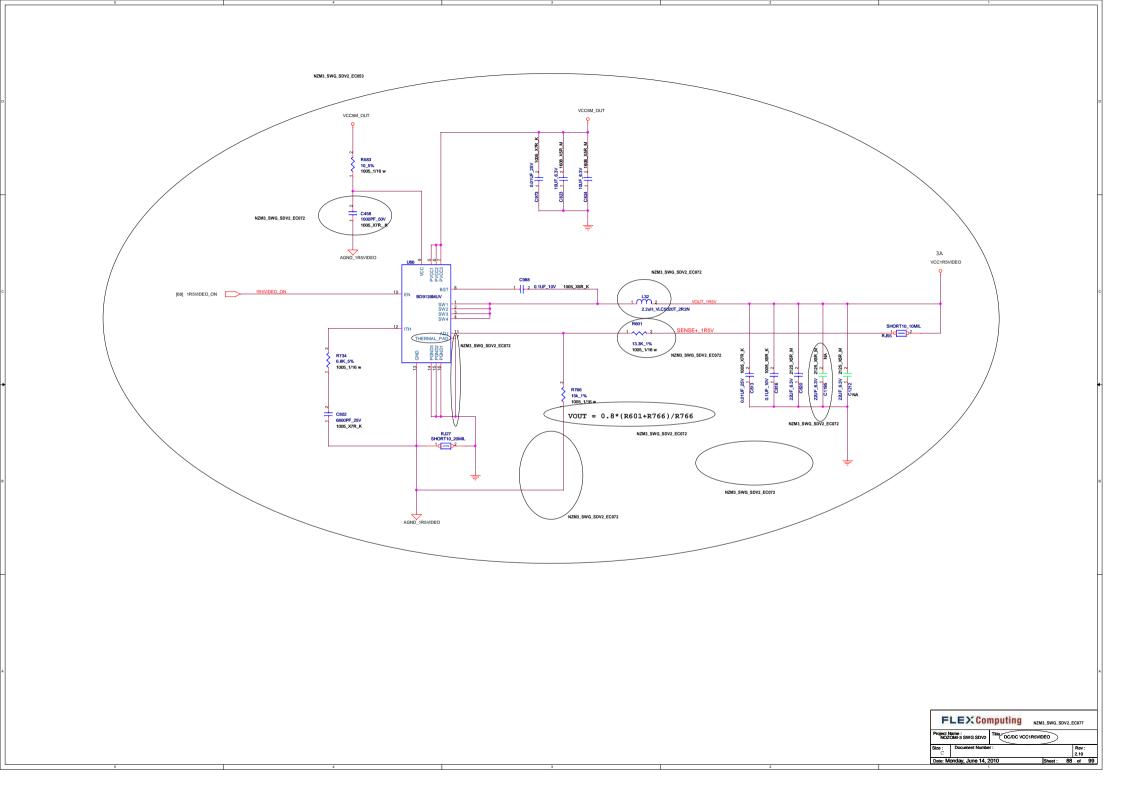


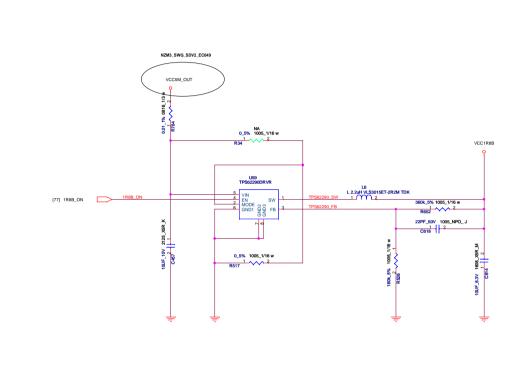




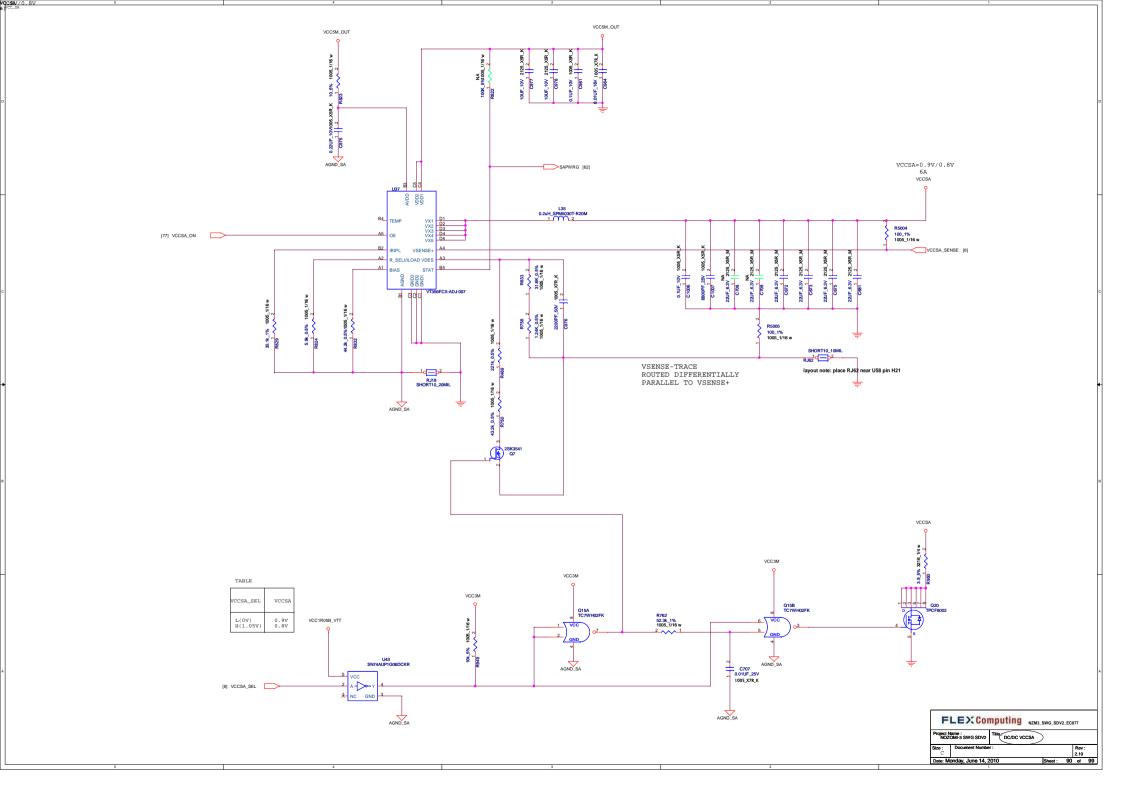


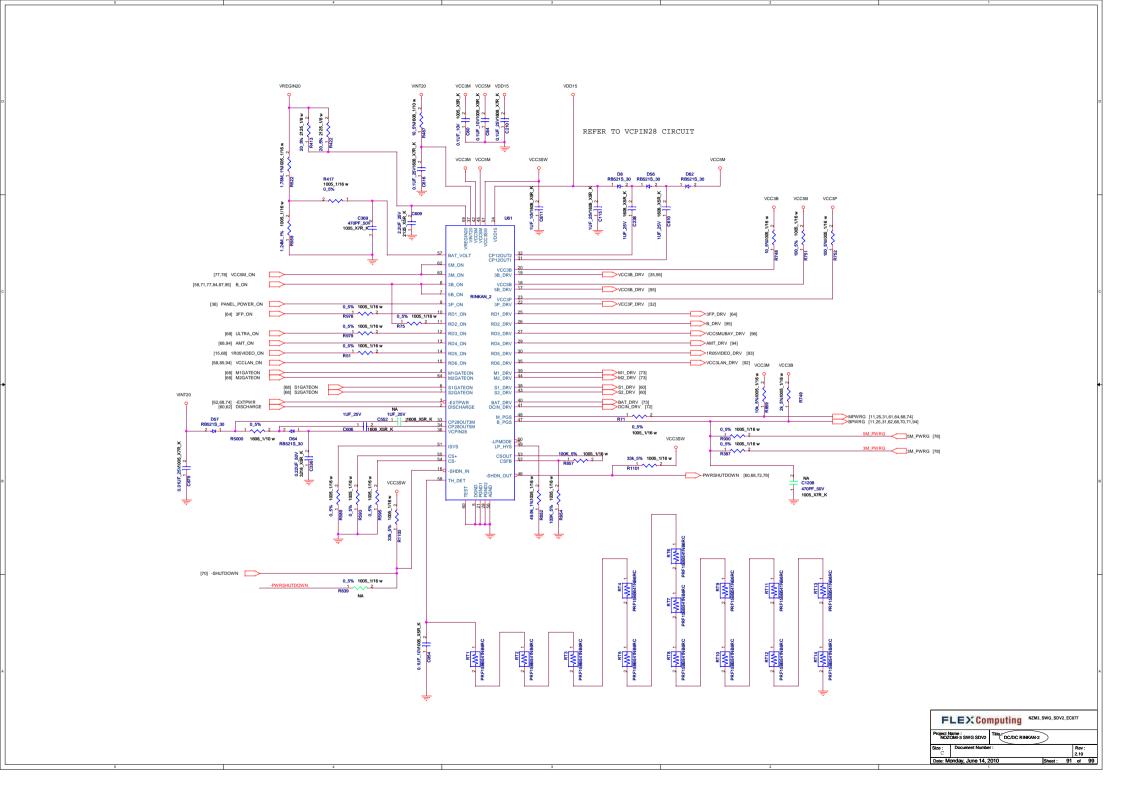


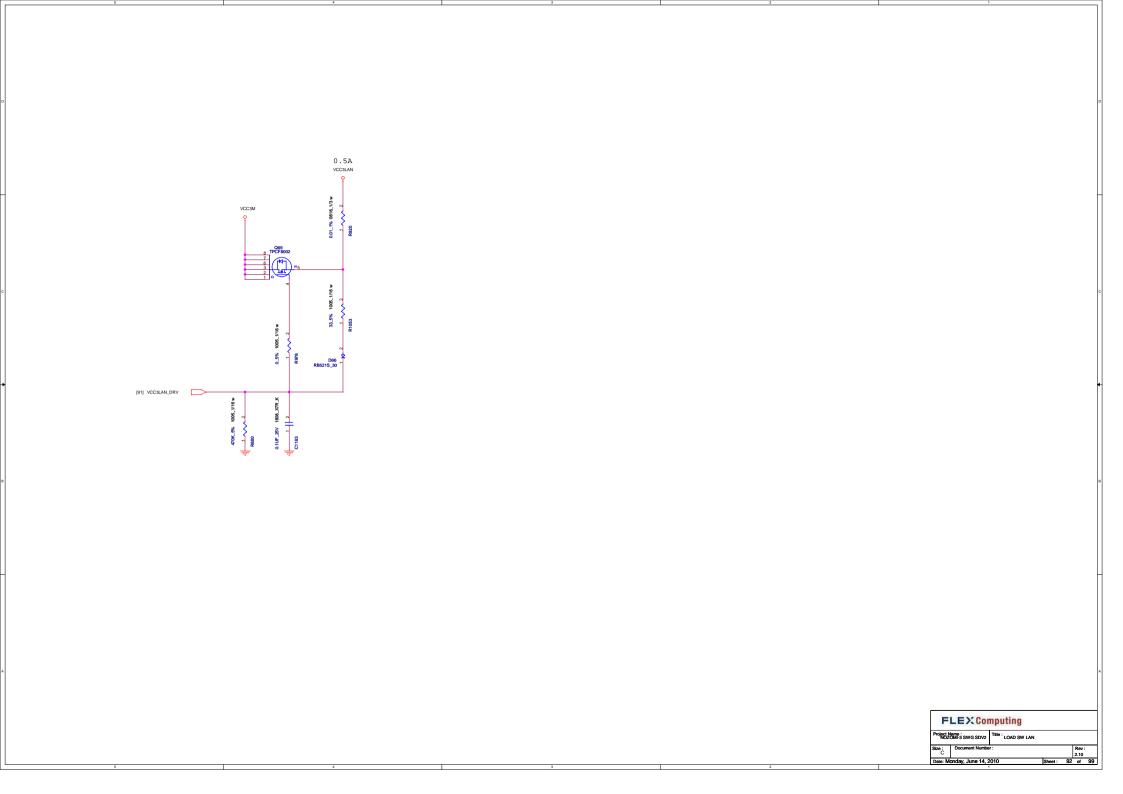


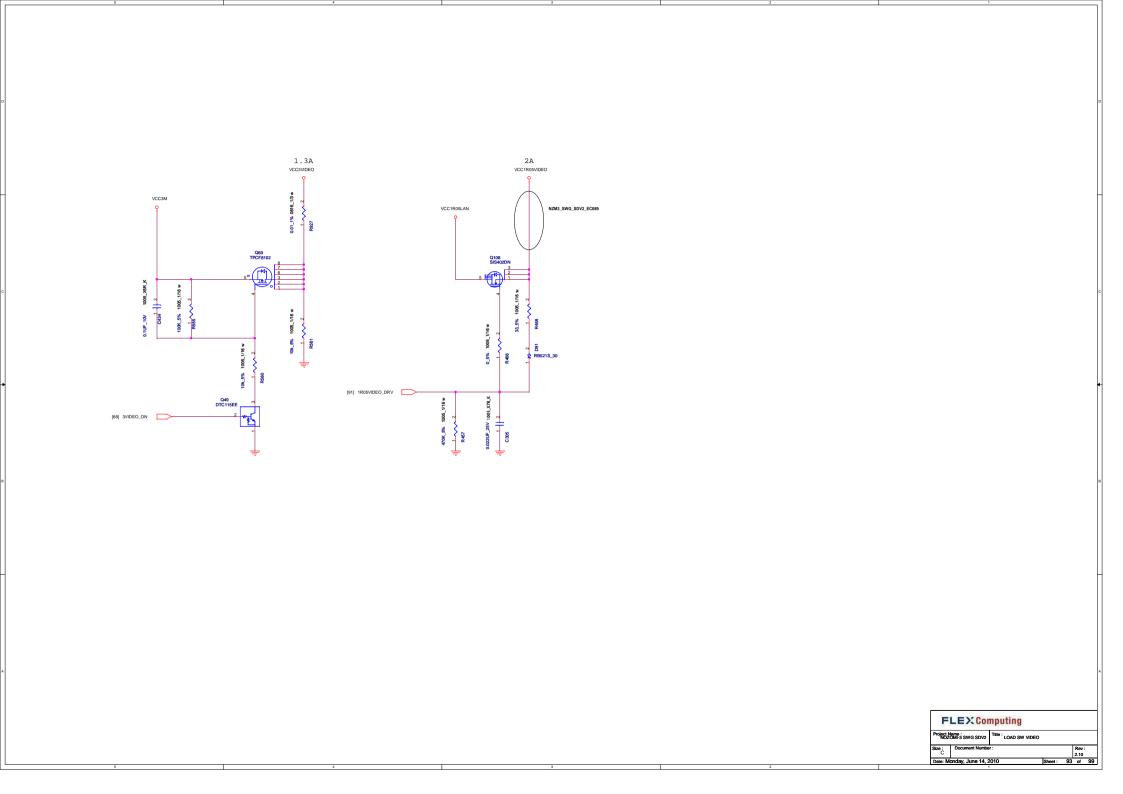


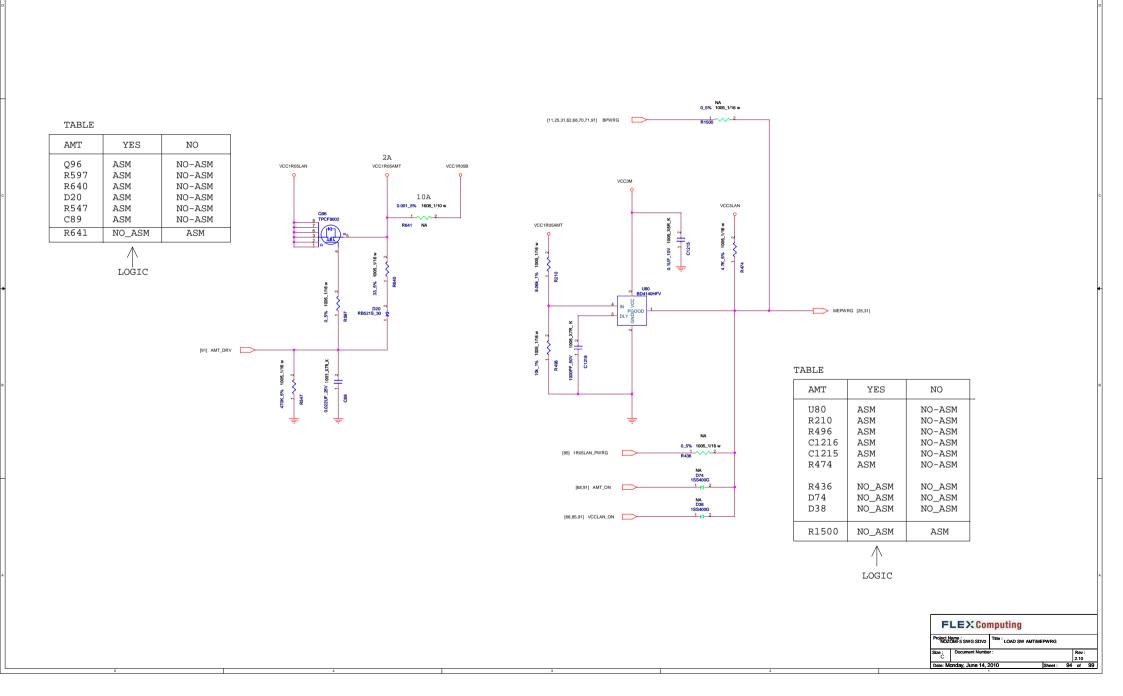
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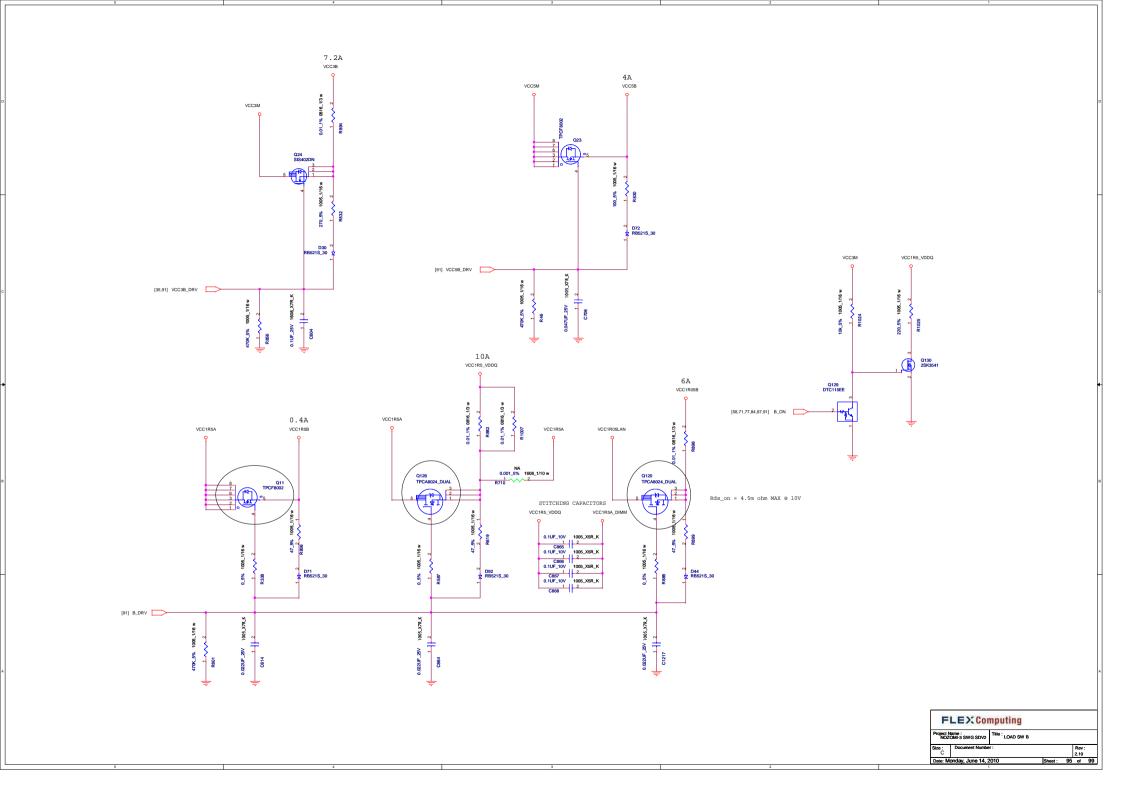


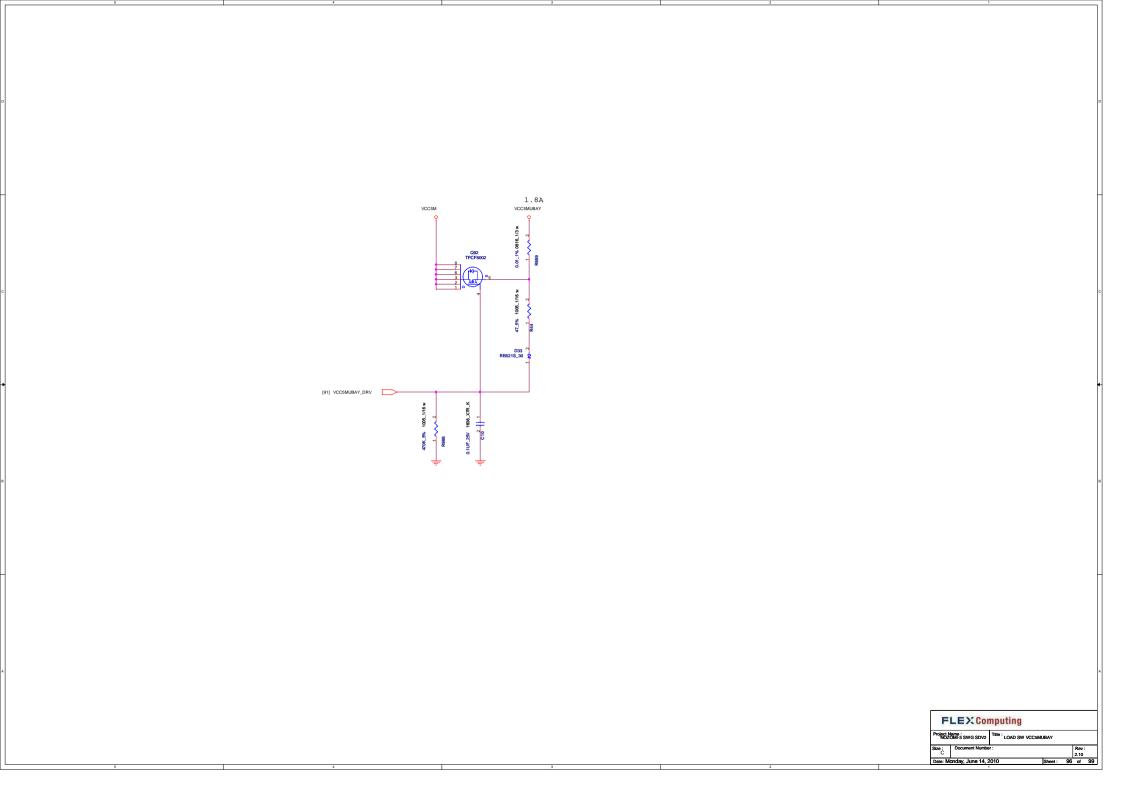


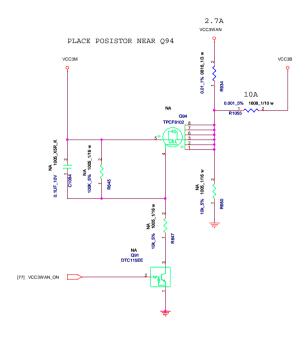








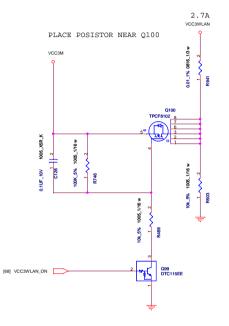




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