CB-1 SWG LOGIC SCHEMATICS

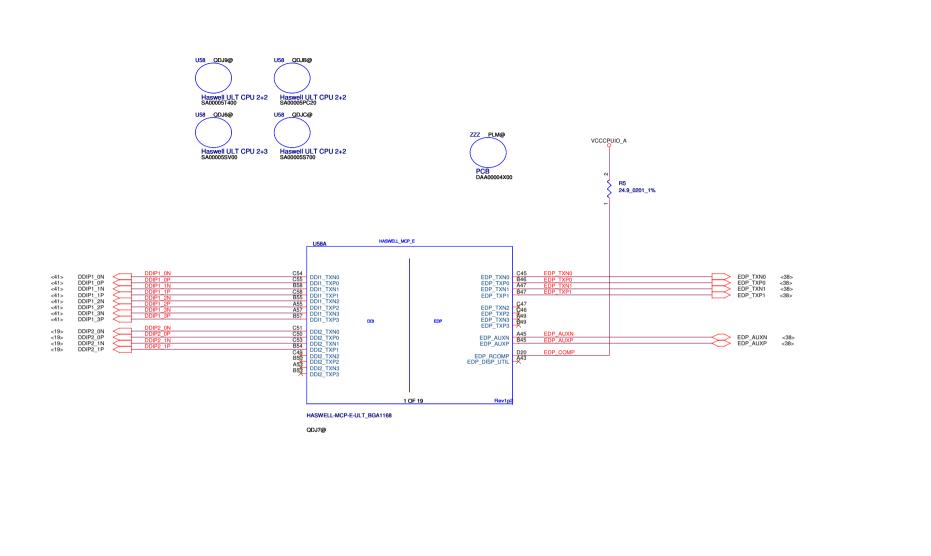
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001.TITLE PAGE	36.MEMORY TERMINATION	ST-1	
002.EC HISTORY	37.BLANK	VER0.1	
003.CPU(1/16) : DDI/EDP	38.LCD CONNECTOR	June/19/2012	
004.CPU(2/16) : MISC/JTAG	39.BLANK		
005.CPU(3/16) : DDR3L CHANNEL-A	40.EXT CRT INTERFACE		
006.CPU(4/16) : DDR3L CHANNEL-B	41.DISPLAY PORT CONNECTOR	71.THINK ENGINE(1/2)	
007.CPU(5/16): RTC/HDA/SATA/JTAG	42.BLANK	` ,	
		72.THINK ENGINE(2/2) 73.DC-IN	
008.CPU(6/16): CLOCK SIGNALS	43.SATA HDD CONN	73.DC-IN 74.BATTERY INPUT	
009.CPU(7/16): LPC/SPI/SMBUS/C-LINK			760)
010.CPU(8/16) : SYSTEM PM	45.USB POWER/CONN	75.BATTERY CHARGER(BQ24	760)
011.CPU(9/16): LCD/PCI/DDI CONTROL	46.GBE CLARKVILLE	76.CHARGER SELECTOR	
012.CPU(10/16) : GPIO/CPU/MISC/LPIO	47.BLANK	77.BATTERY MONITOR	0540004)
013.CPU(11/16) : PCIE/USB	48.GBE MAGNETICS	78.DC/DC VCC5M/VCC3M (TPS	-
014.CPU(12/16) : POWER	49.RJ45 CONNECTOR	79.DC/DC VCCCPUCORE(VT1	•
015.CPU(13/16) : POWER	50.PCIE MINI CARD SLOT	80.DC/DC VCCCPUCORE(VT1:	3345)
016.CPU(14/16) : GND	51.MEDIA CARD CONTROLLER	81.BLANK	10
017.CPU(15/16) : NCTF	52.MEDIA CARD INTERFACE	82.VCCCPUCORE DECOUPLIN	= -
018.CPU(16/16) : CFG/RESERVED	53.SMART CARD I/F	83.DC/DC VCCGFXCORE_D (T	PS51/28)
019.DDI-VGA CONVERTER	54.AUDIO ALC3232-GR	84.BLANK	•
020.BLANK	55.AUDIO CONNECTOR	85.DC/DC VCC1R05AMT(VT35	6)
021.XDP CONNECTOR	56.AUDIO JACK SENSE	86.DC/DC VCC1R35A(VT357)	
022.RTC BATTERY	57.AUDIO EXT MIC I/F	87.DC/DC VCC0R675B(TPS512	-
023.SPI FLASH	58.AUDIO SPEAKER	88.DC/DC VCC1R5VIDEO(VT3	-
024.DDR3L BASE MEMORY CH-A (1/2)	59.AUDIO BEEP	89.DC/DC VCC1R05VIDEO_PL	L(BD3551HFN)
025.DDR3L BASE MEMORY CH-A (2/2)	60.BLANK	90.DC/DC VCC1R8B(BD9139)	
026.DDR3L SO DIMM CHANNEL-B	61.MEC1619(1/3)	91.BLANK	
027.DDR3L DECOUPLING	62.MEC1619(2/3)	92.DC/DC VCC1R5B(BD3551H	FN)
028.N14M-GE(1/6) : PEG I/F	63.MEC1619(3/3)	93.LOAD SW PCH SUS	
029.N14M-GE(2/6) : DIGITAL OUT I/F	64.KEYBOARD CONNECTOR	94.LOAD SW LAN	
030.N14M-GE(3/6) : VRAM I/F	65.TOUCH PAD CONNECTOR	95.LOAD SW VIDEO	
031.N14M-GE(4/6) : GPIO	66.BLANK	96.LOAD SW B	
032.N14M-GE(5/6) : POWER	67.FAN CONNECTOR	97.BLANK	
033.N14M-GE(6/6) : GND	68.G-SENSOR	98.LOAD SW WWAN & WLAN	
034.VRAM CHANNEL-A	69.TPM	99.PTH FOR SCREW HOLES	lenovo.
035.BLANK	70.EEPROM/SMBUS SW	100.3rd USB	Project Name : SHN-5 SHB SWG Title : TITLE PAGE
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2013/05/09	JVCB-1_SWG_SIT-SWG_ECR003	JV_CB-1_SWG_SIT_SCH_EC001-005_050901.pdf
2013/05/10	JVCB-1_SWG_SIT-SWG_ECR004	JV_CB-1_SWG_SIT_SCH_EC001-005_051001.pdf
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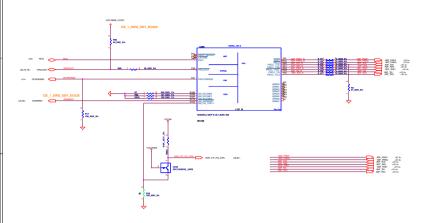
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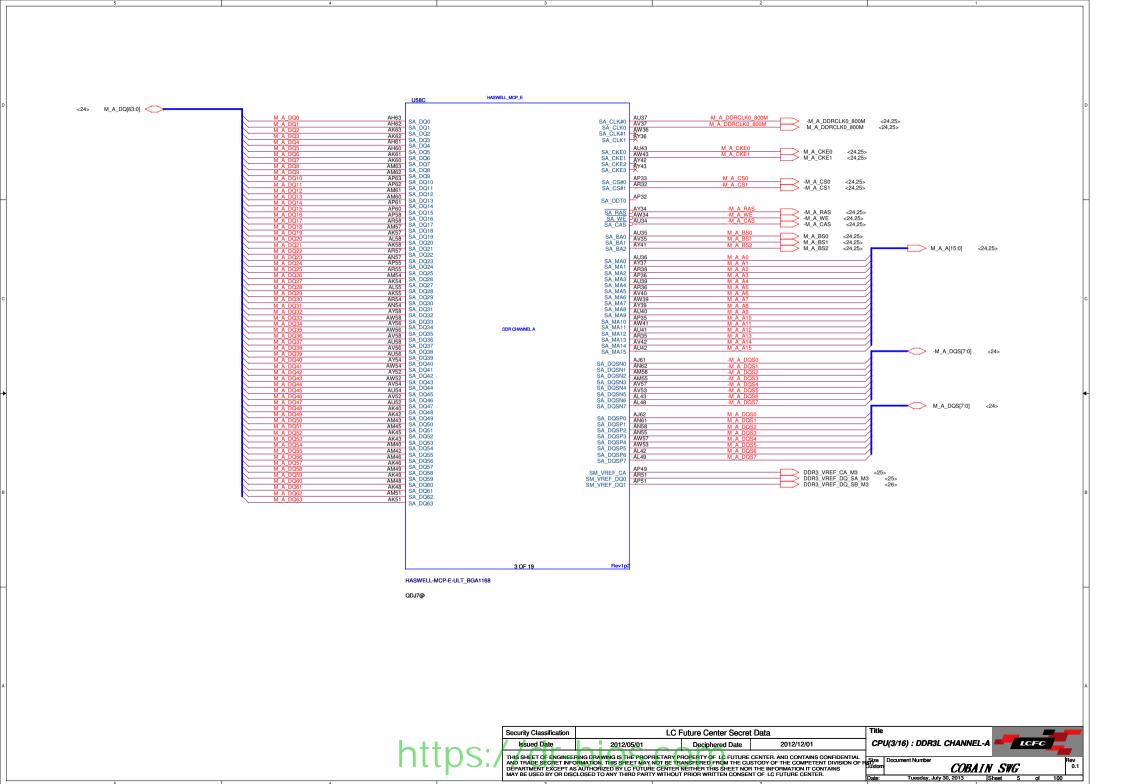
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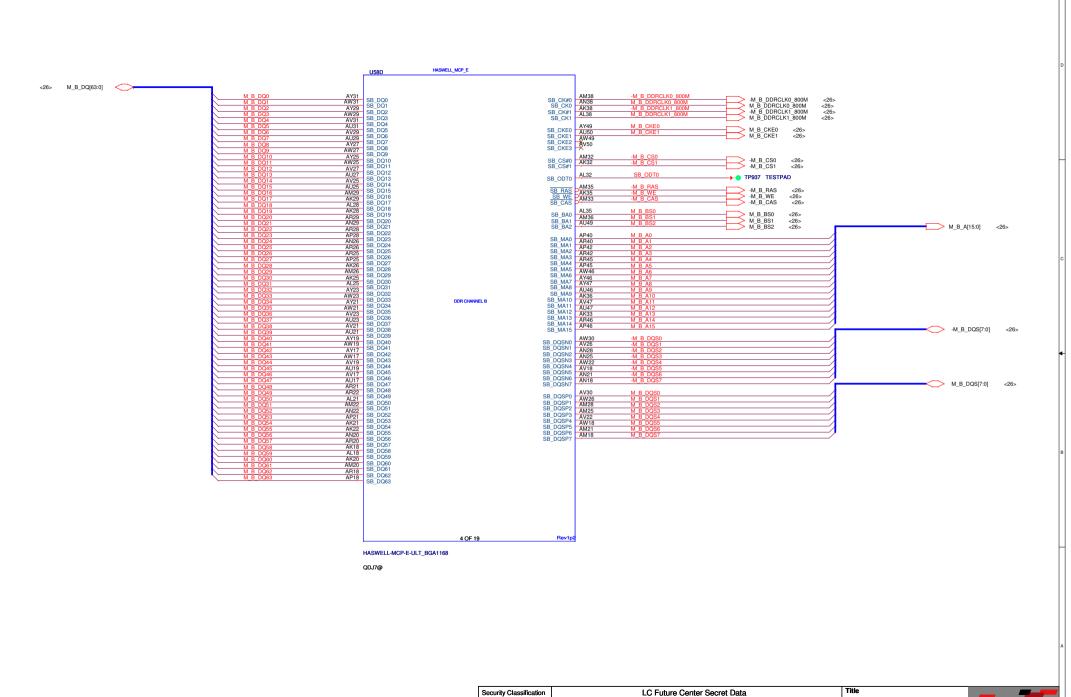
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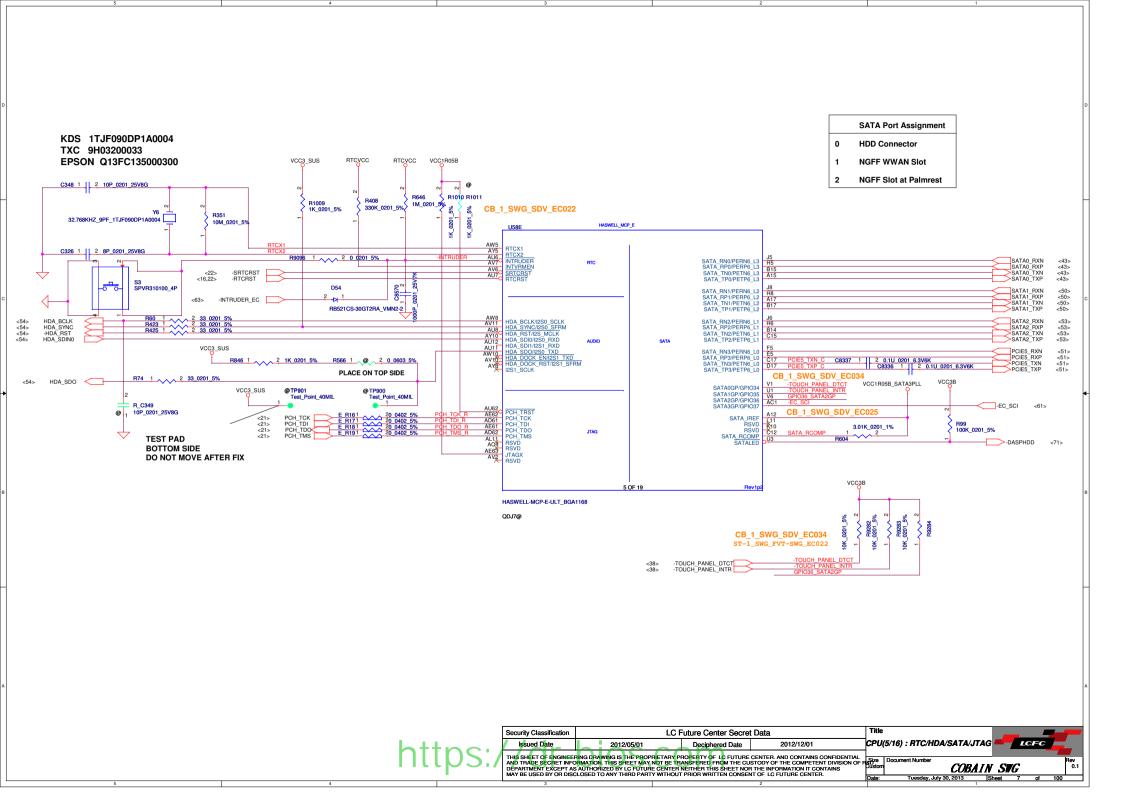
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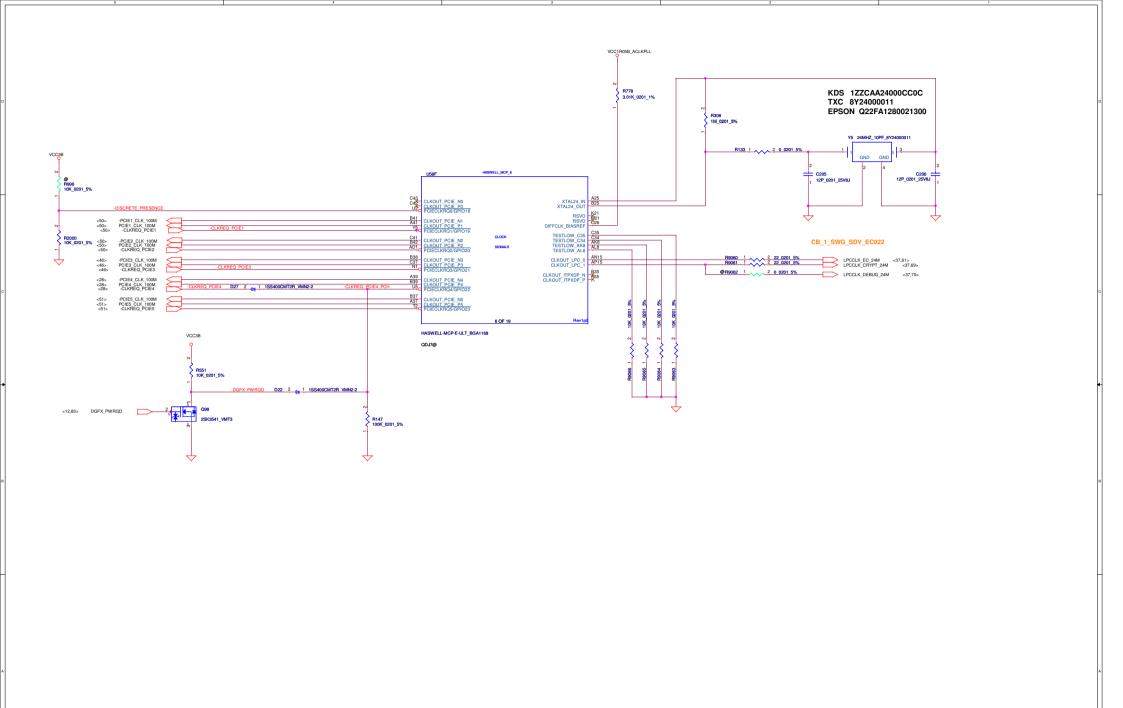


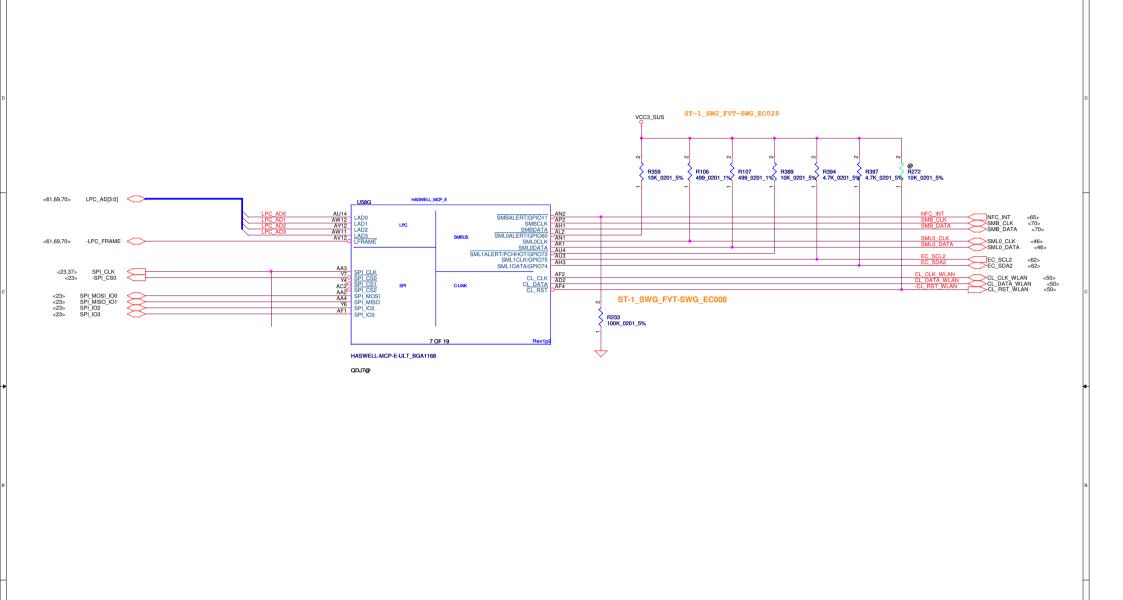




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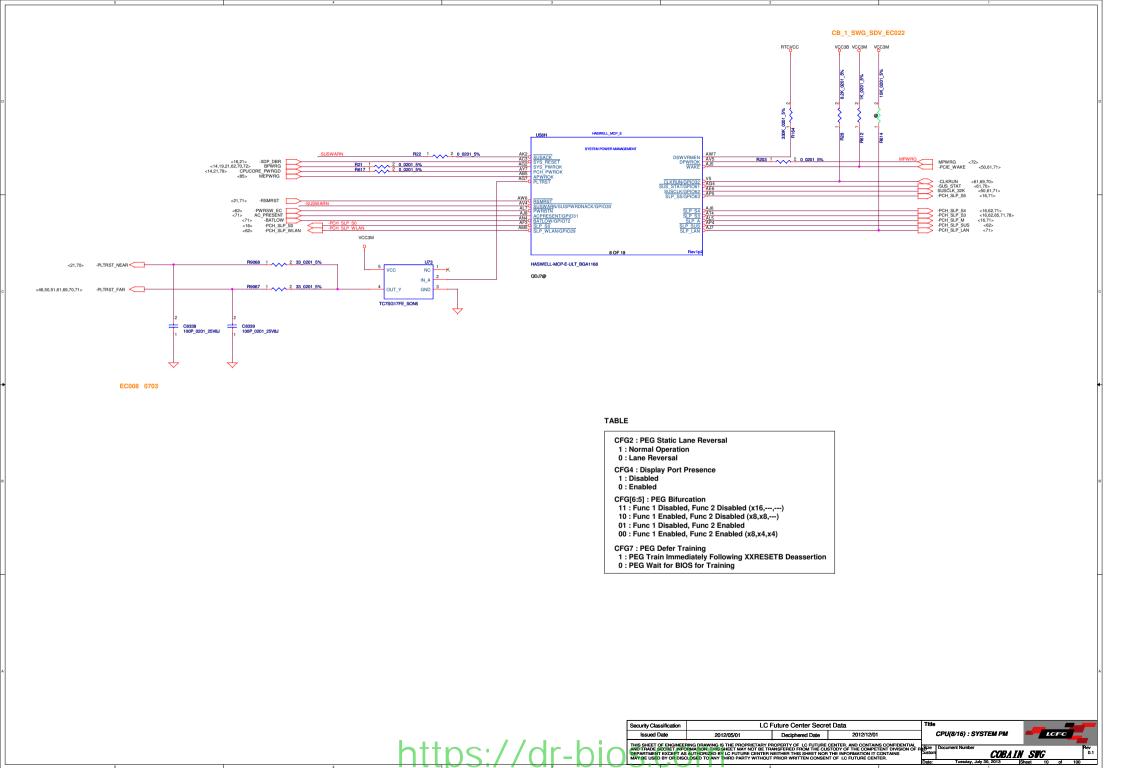


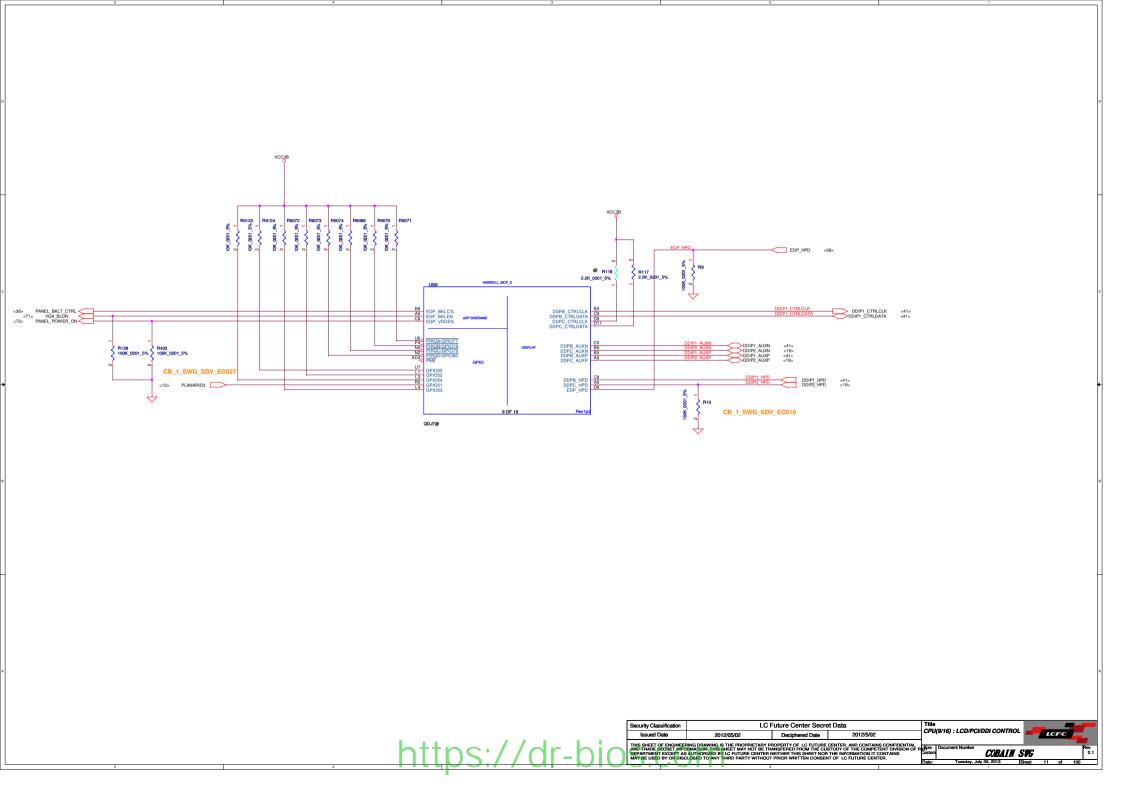
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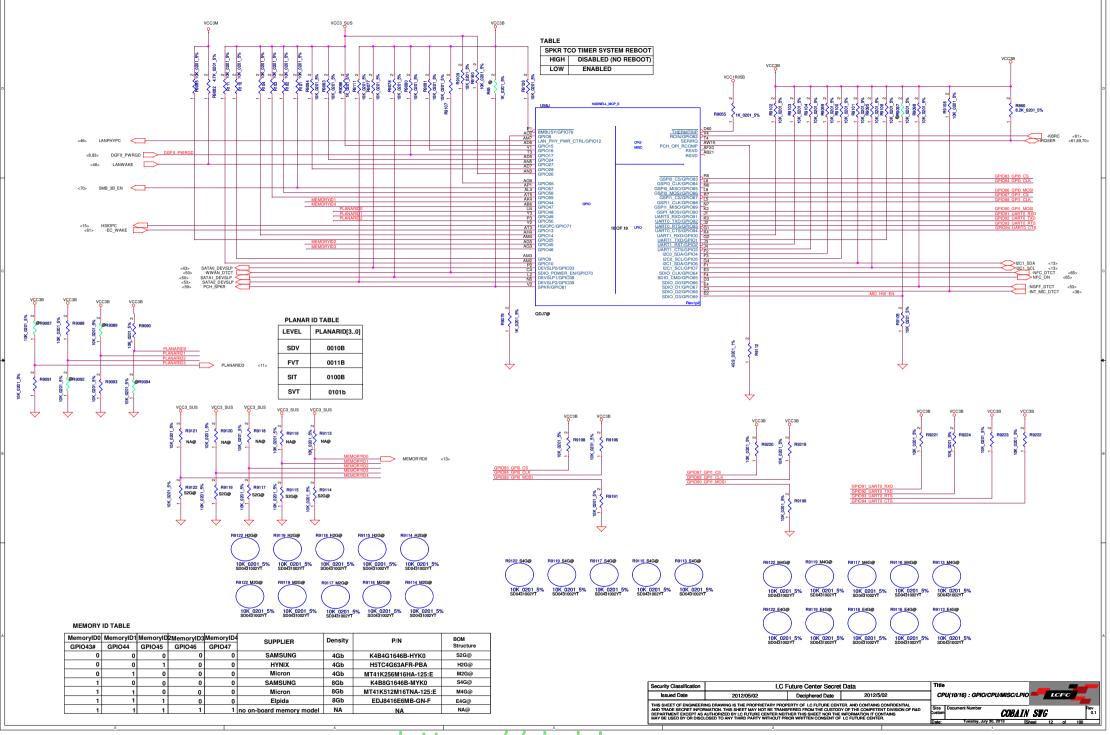
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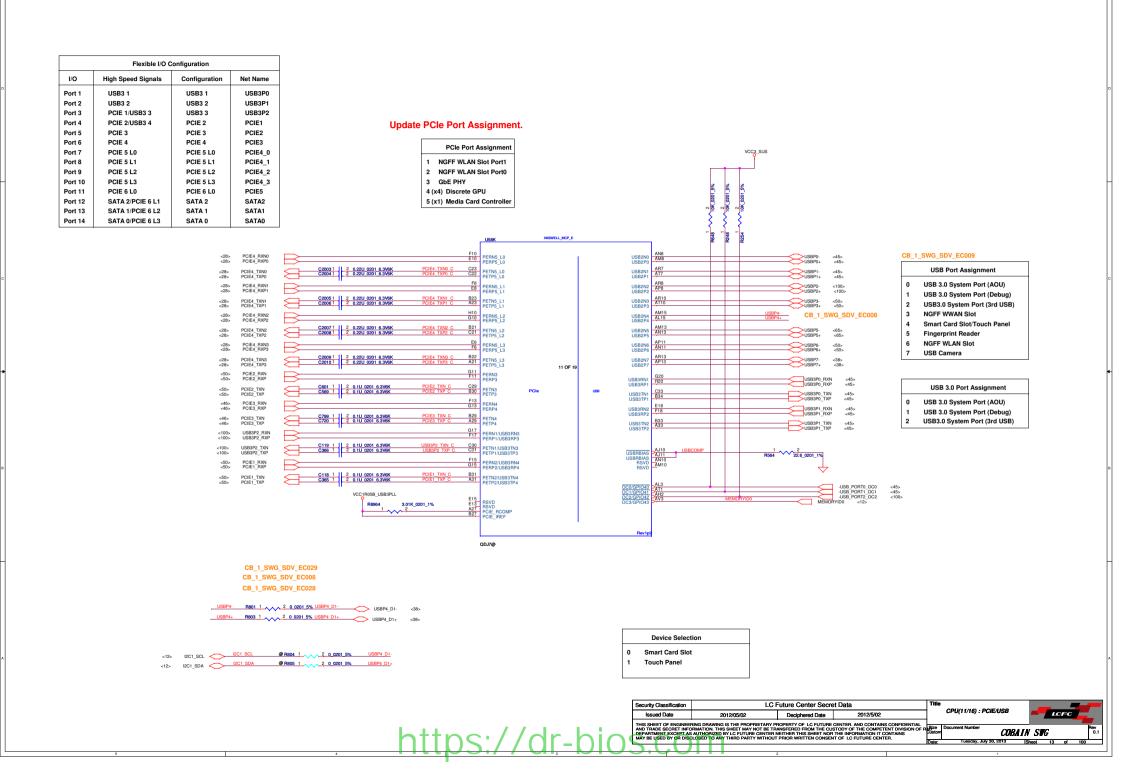
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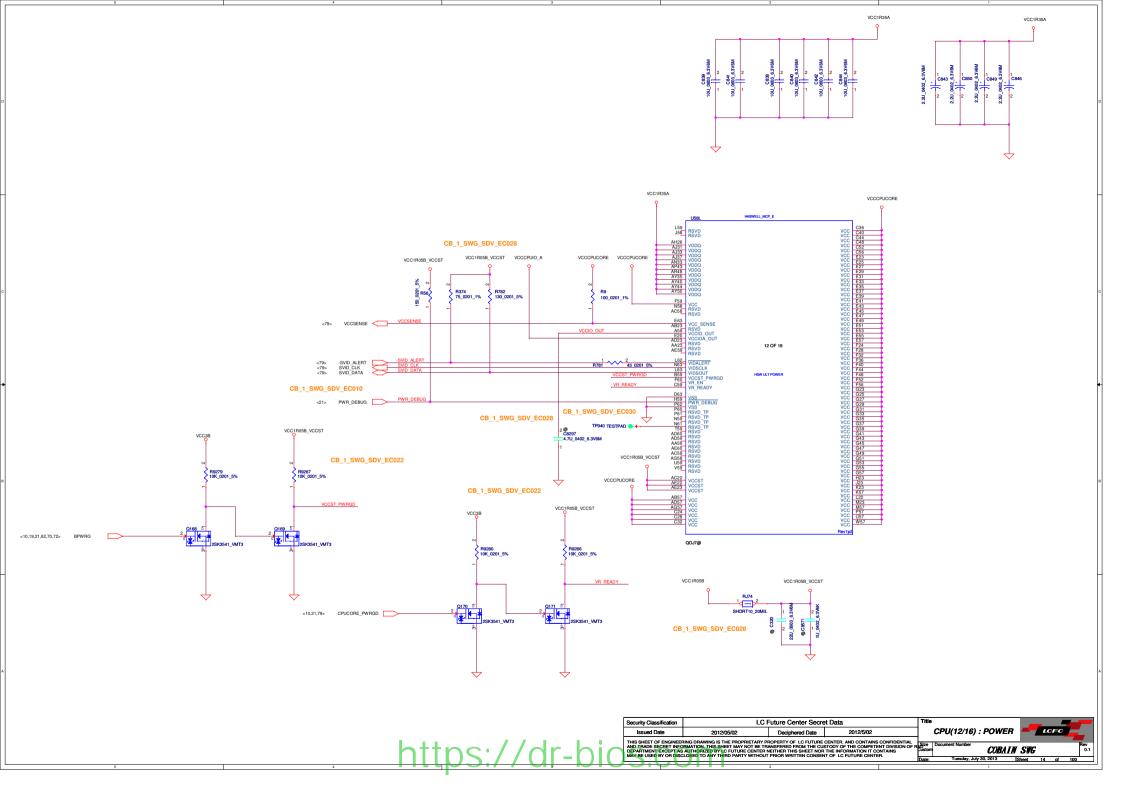
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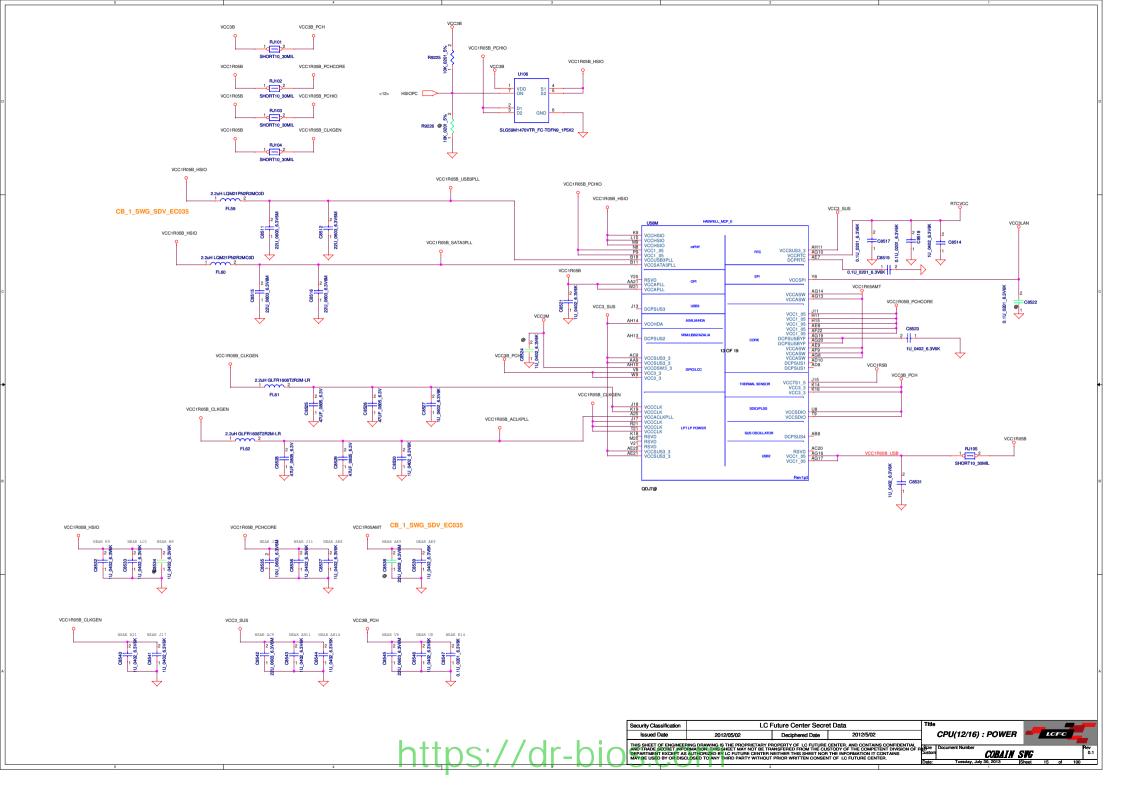




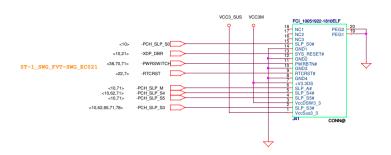


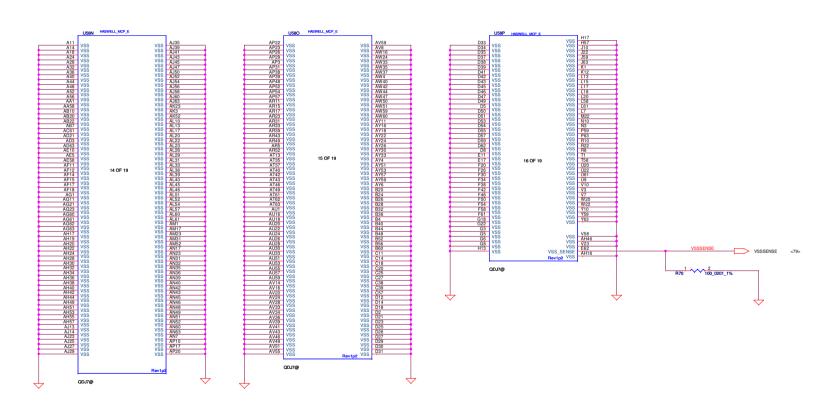




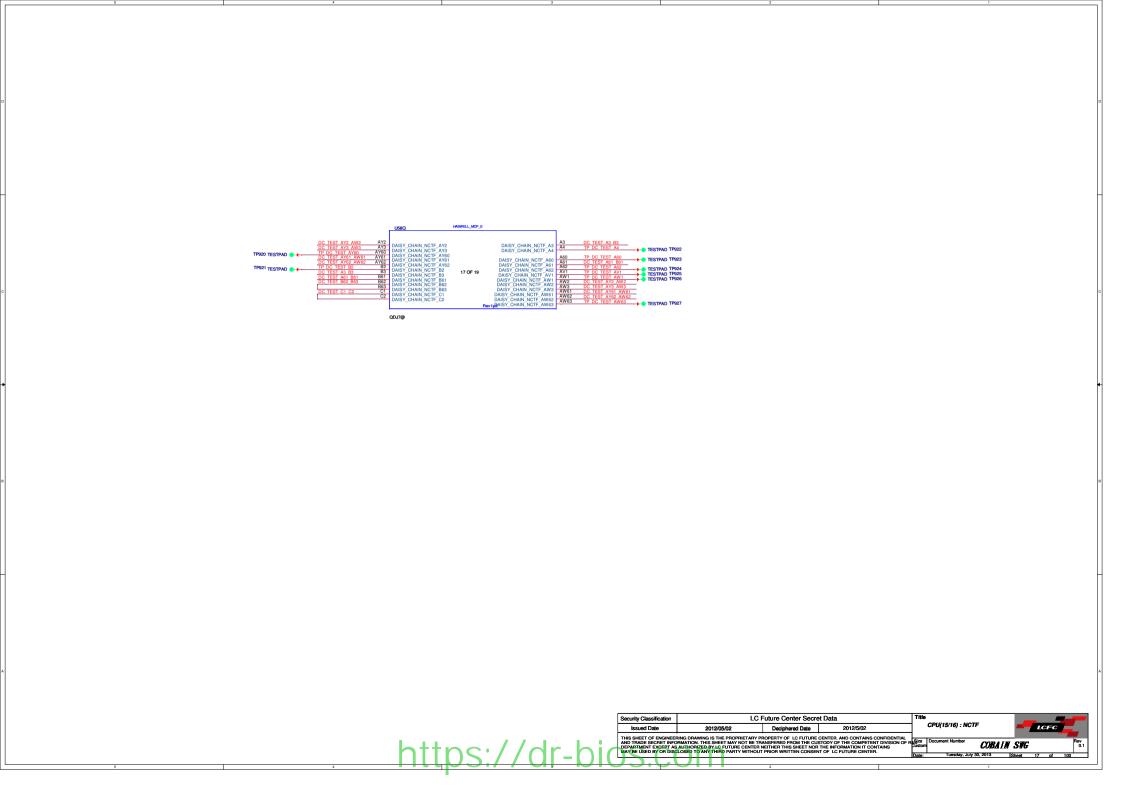


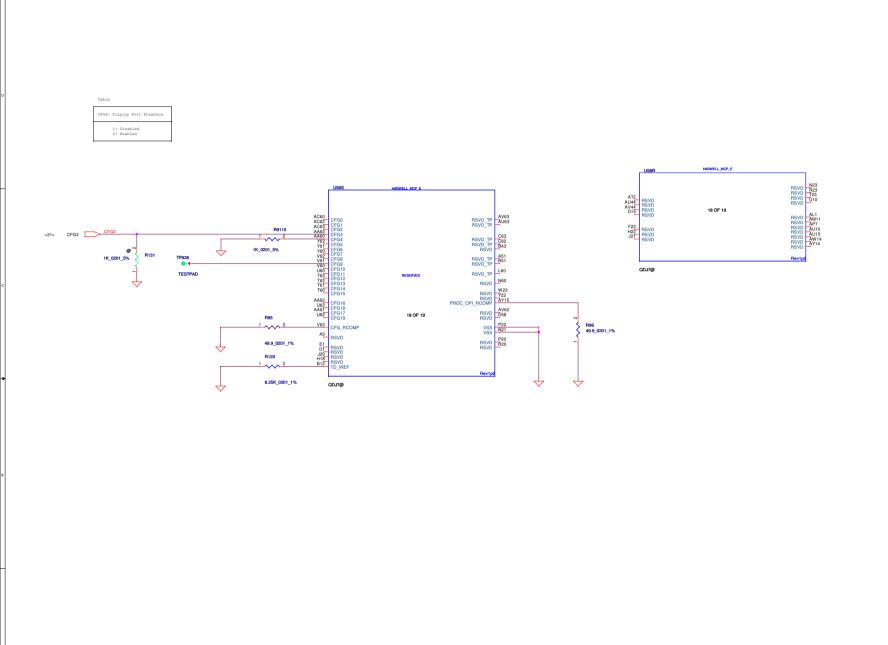
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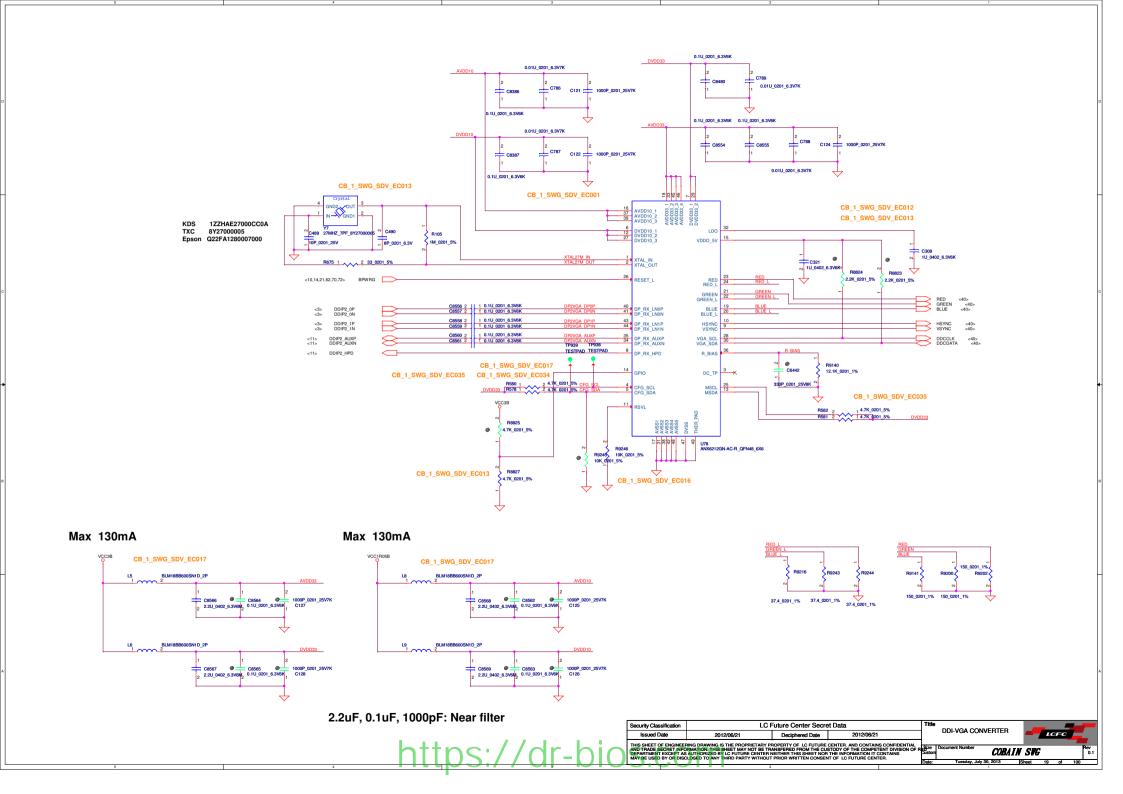
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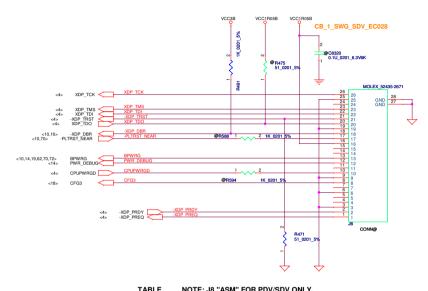
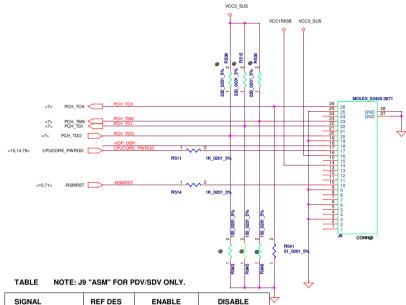


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SIGNAL	REF DES	ENABLE	DISABLE				
TDO	R475	ASM	NO ASM				
TRST#	R471	ASM	ASM				
DBRST#	R491	ASM	ASM				
RESET#	R588	ASM	NO ASM				
PWRGD	R594	ASM	NO ASM				
	J8	ASM	NO ASM				
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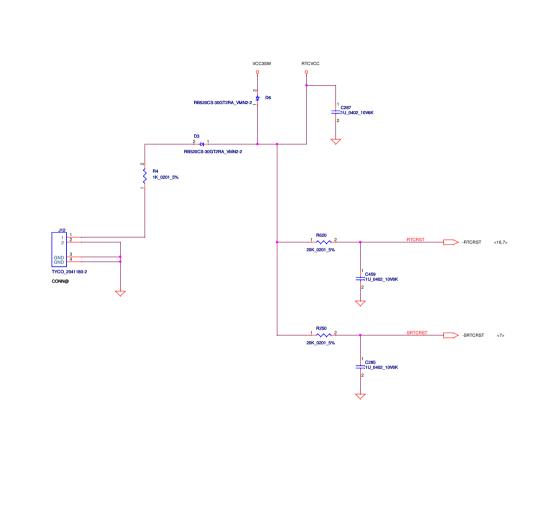
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SIGNAL	REF DES	ENABLE	DISABLE
TDO	R509	220	NO ASM
100	R943	100	NO ASM
TMS	R530	220	NO ASM
INIS	R946	100	NO ASM
TDI	R515	220	NO ASM
	R945	100	NO ASM
тск	R541	51	51
CPUCORE_PWRGD	R511	ASM	NO ASM
-RSMRST	R514	ASM	NO ASM
	J9	ASM	NO ASM

LOGIC

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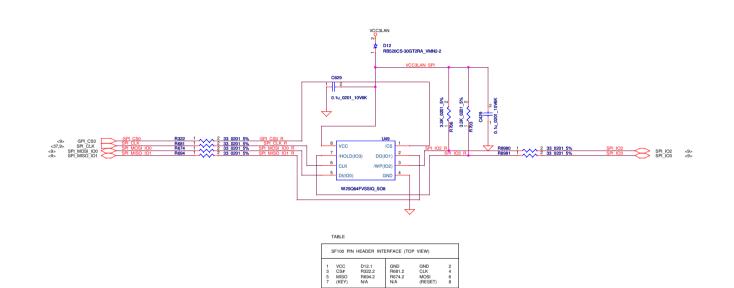
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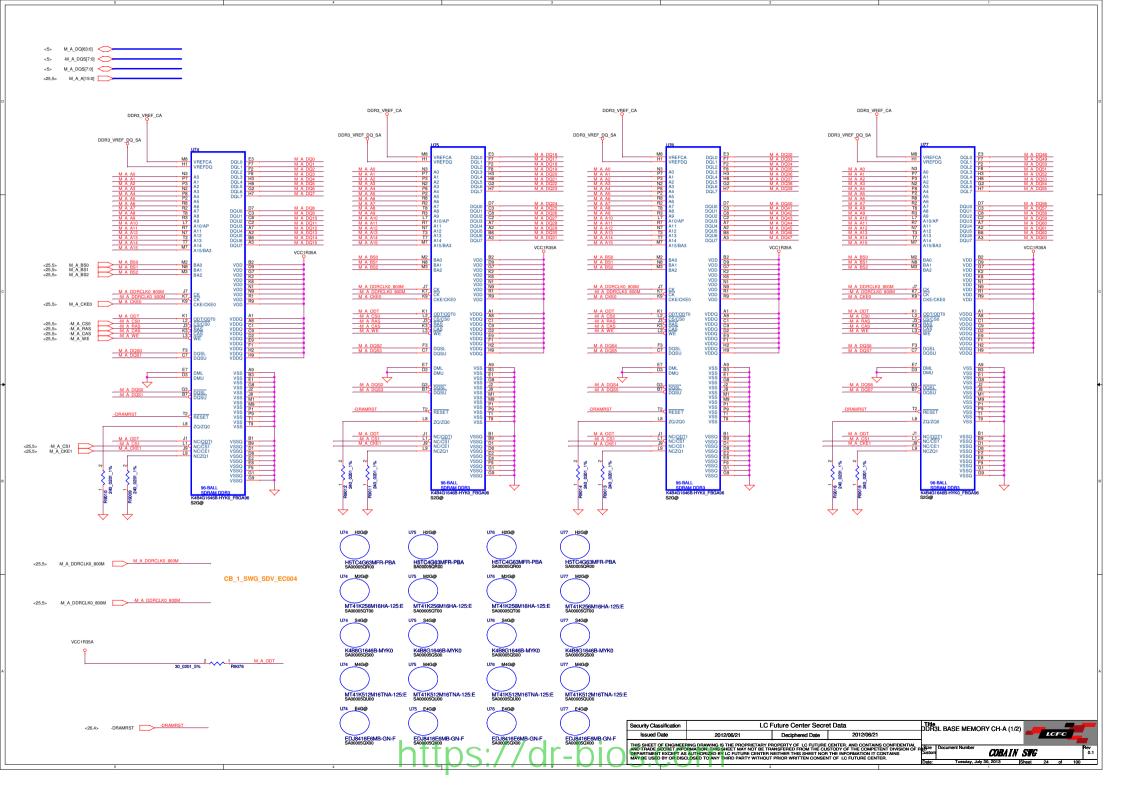
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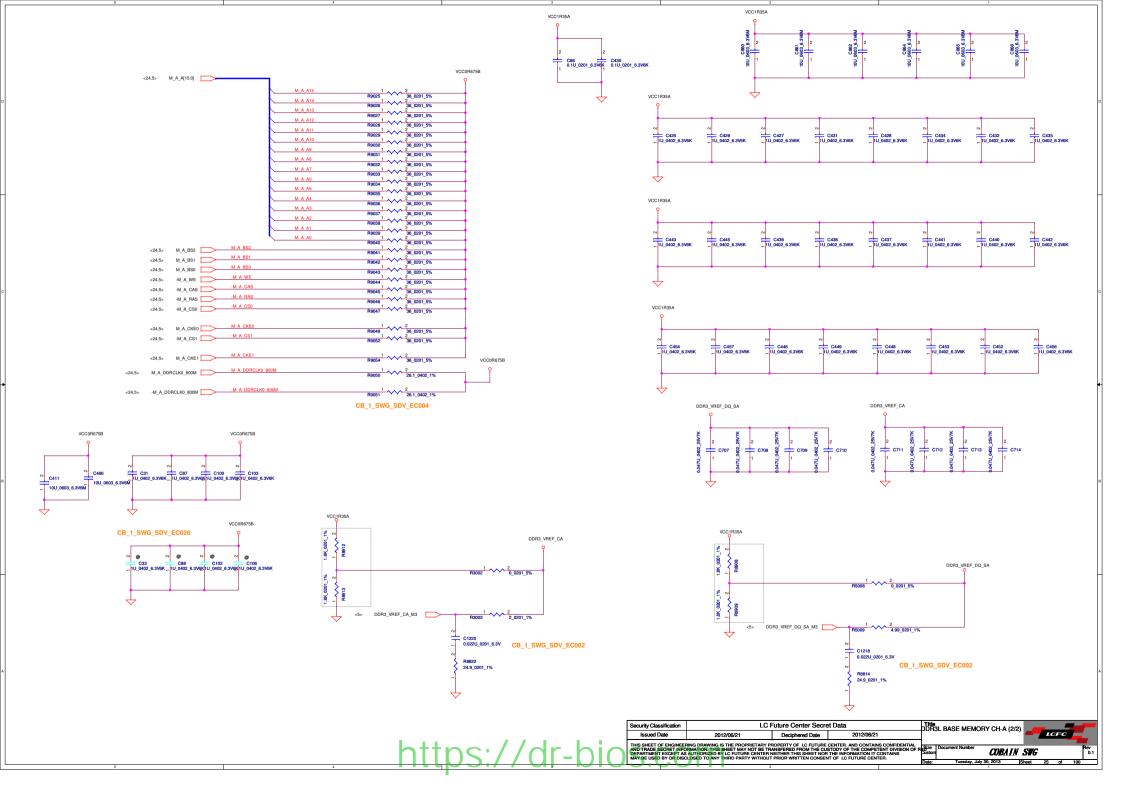
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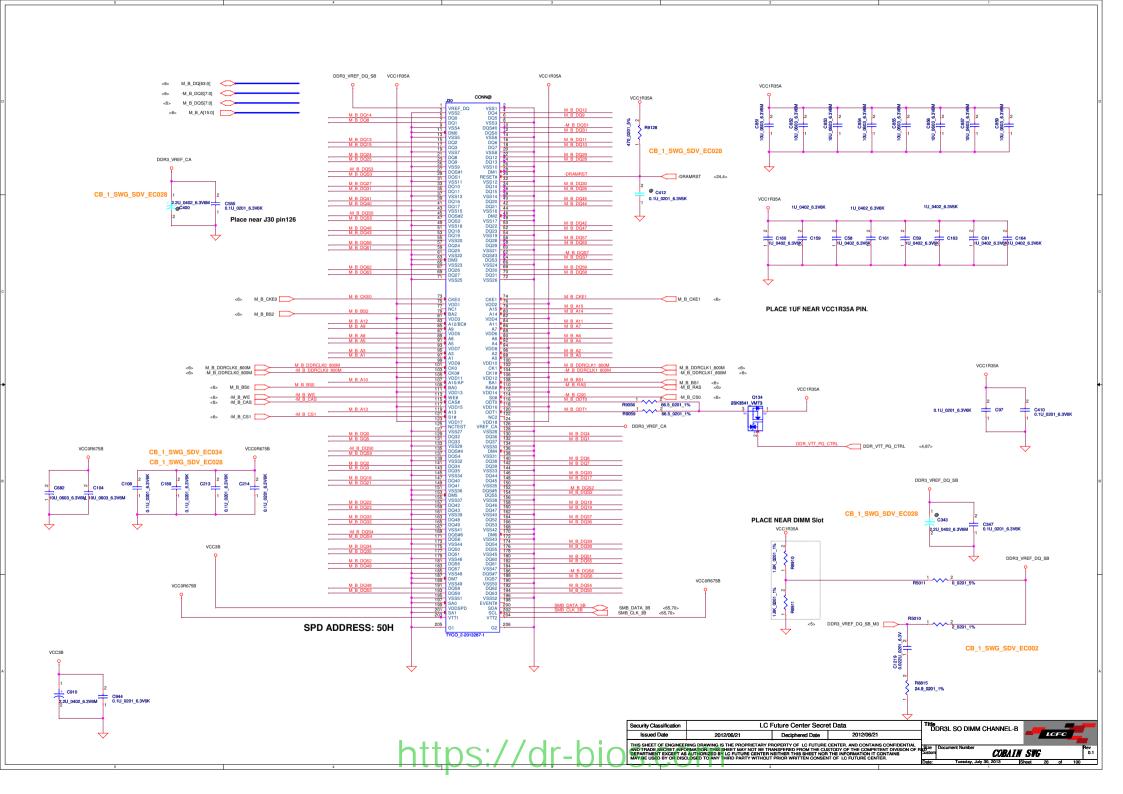
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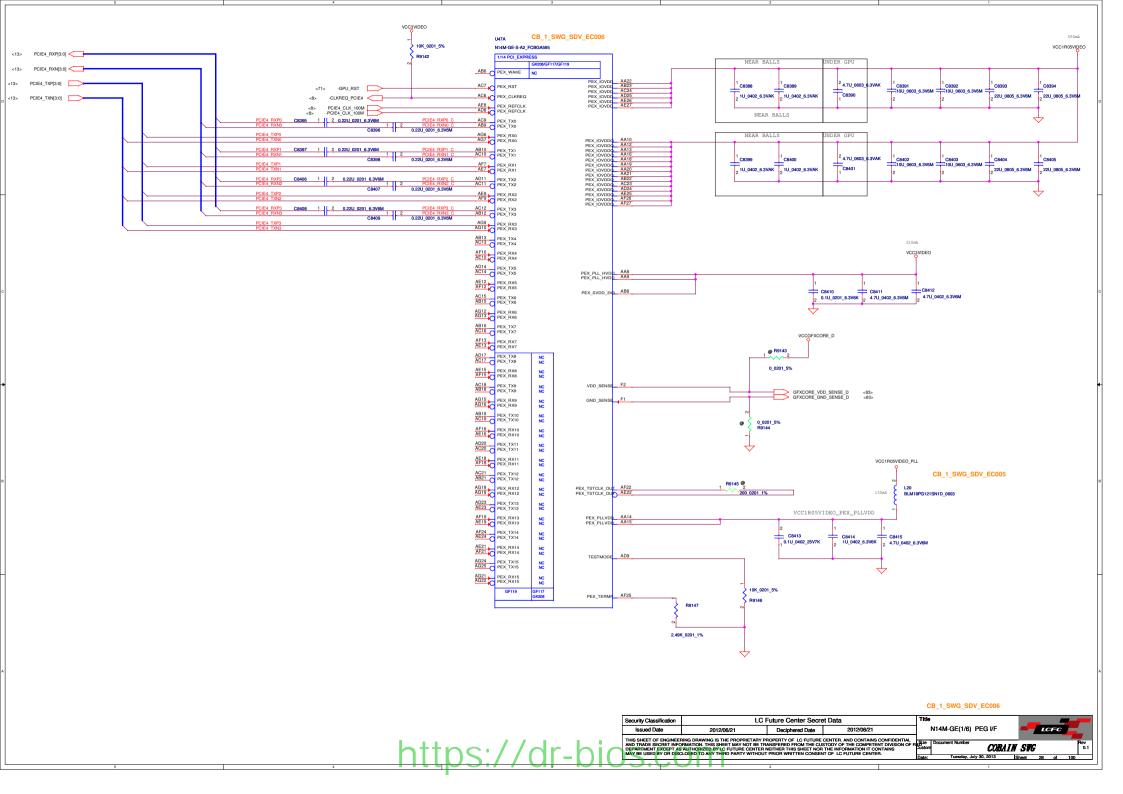
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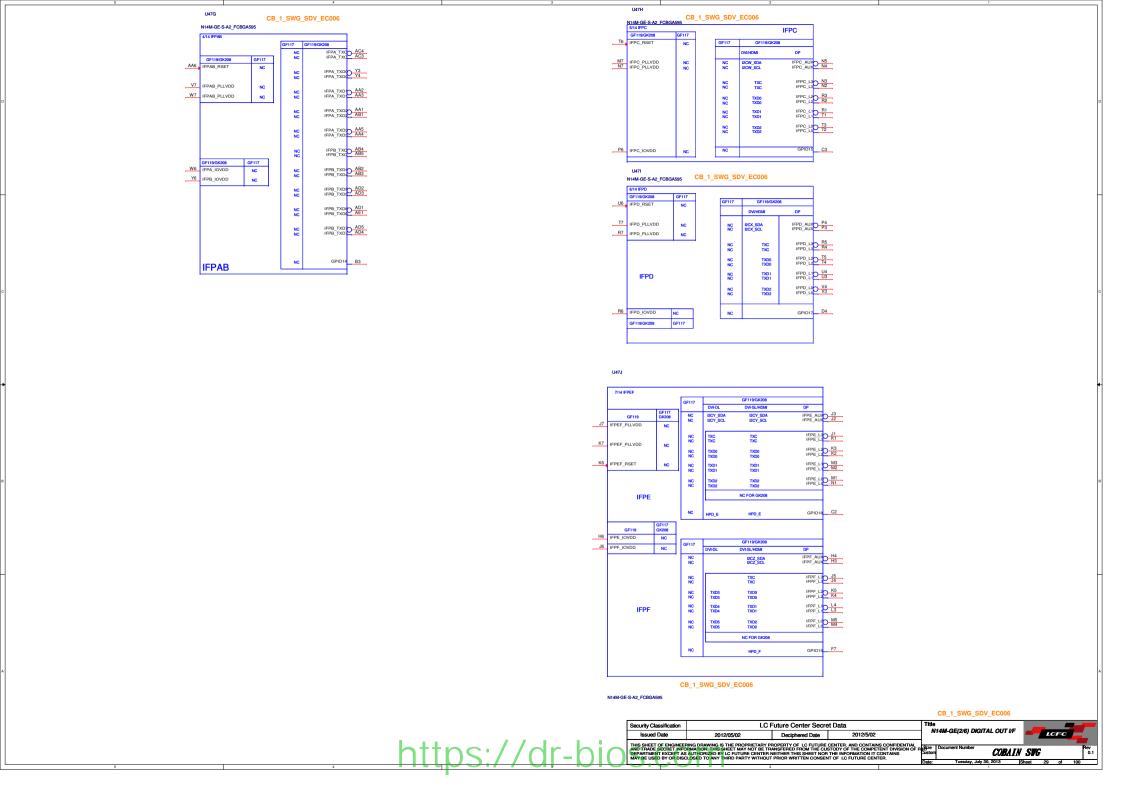


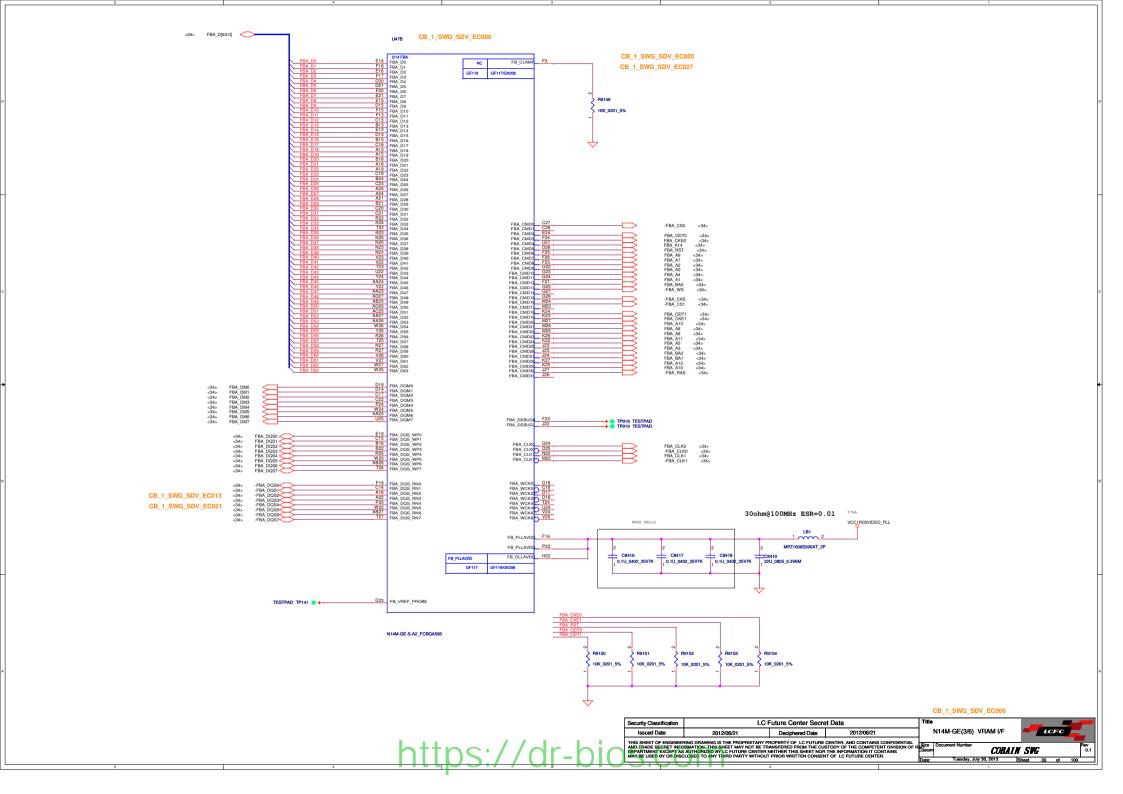


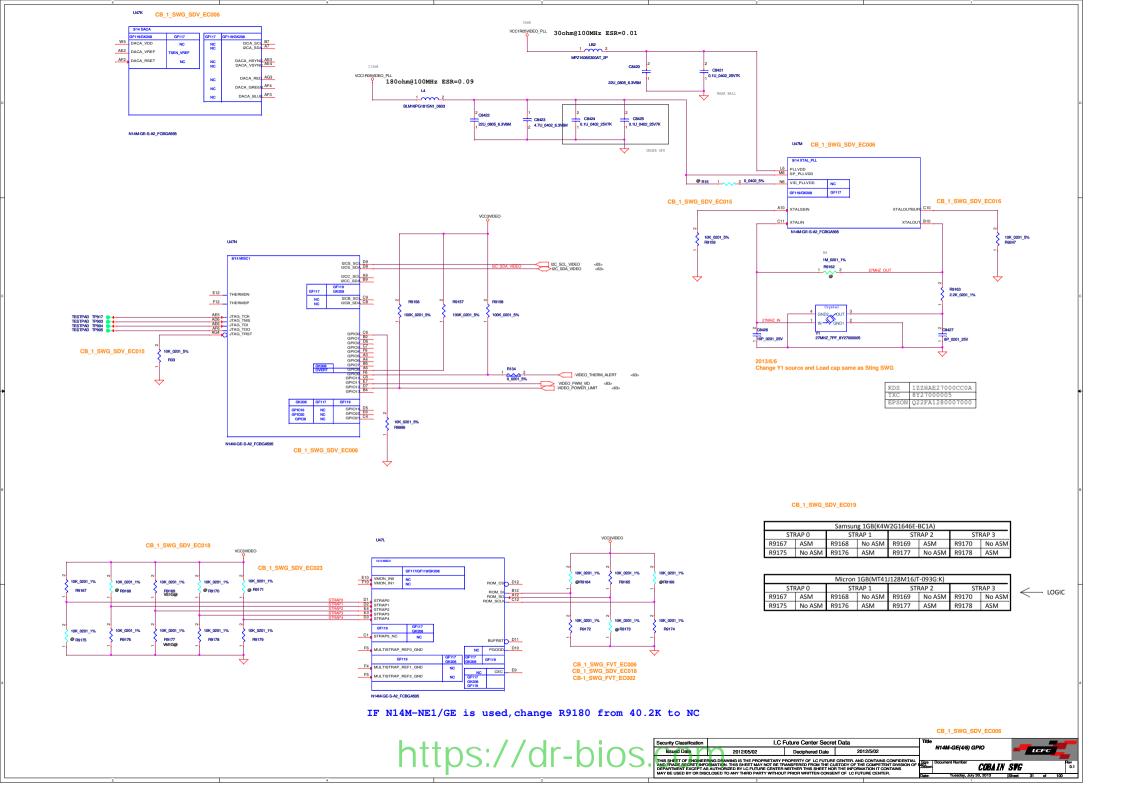


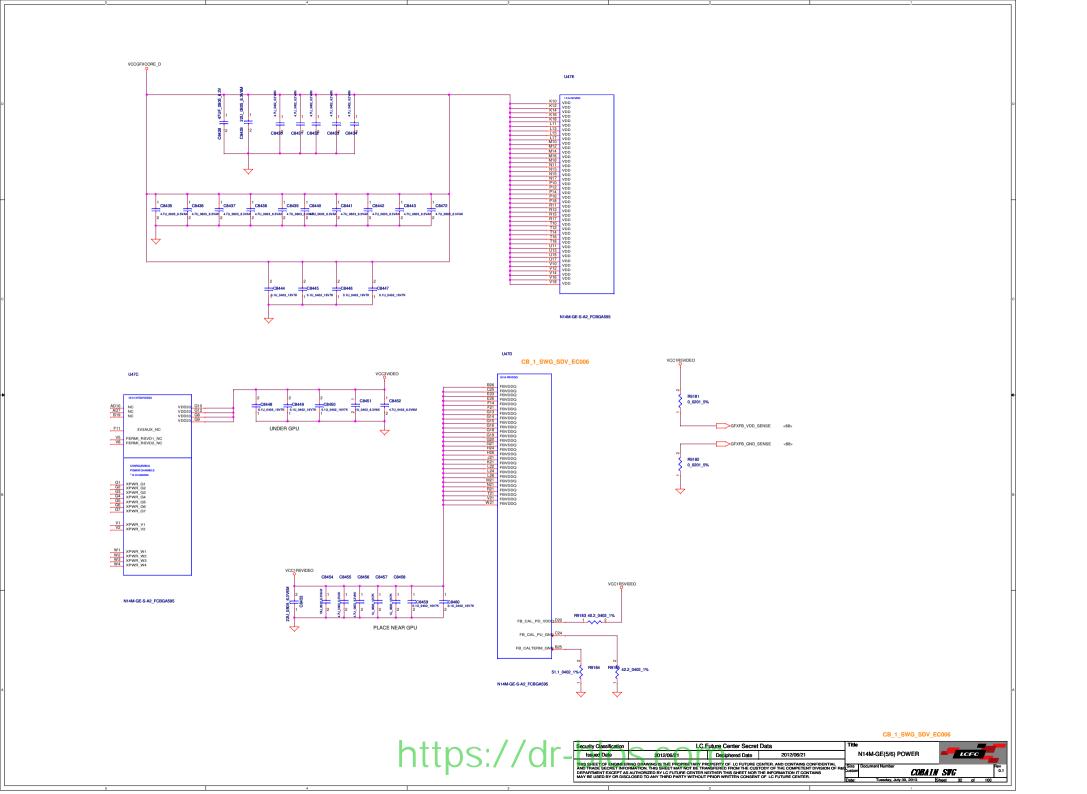




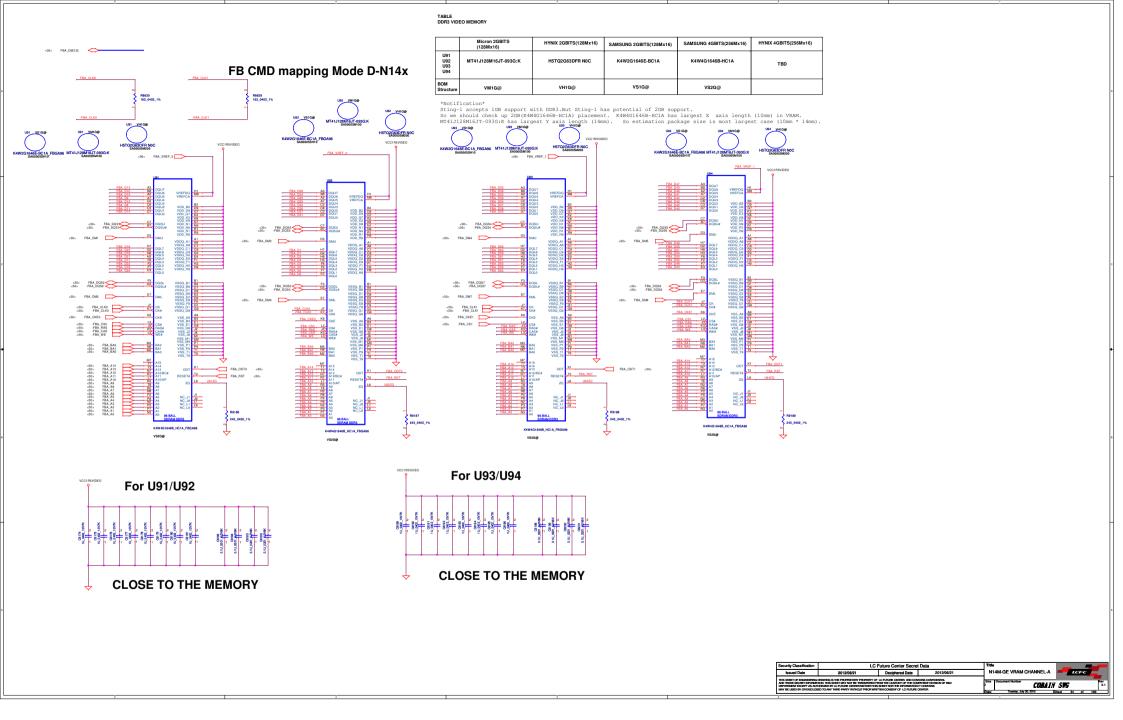








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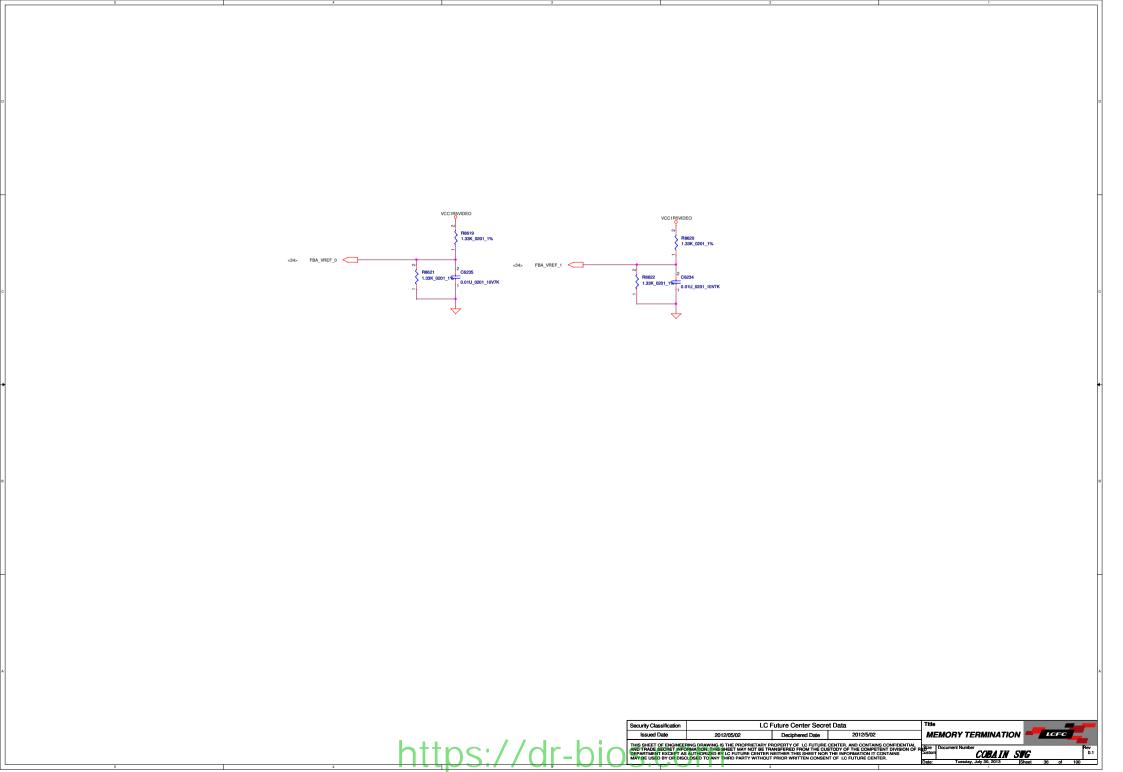
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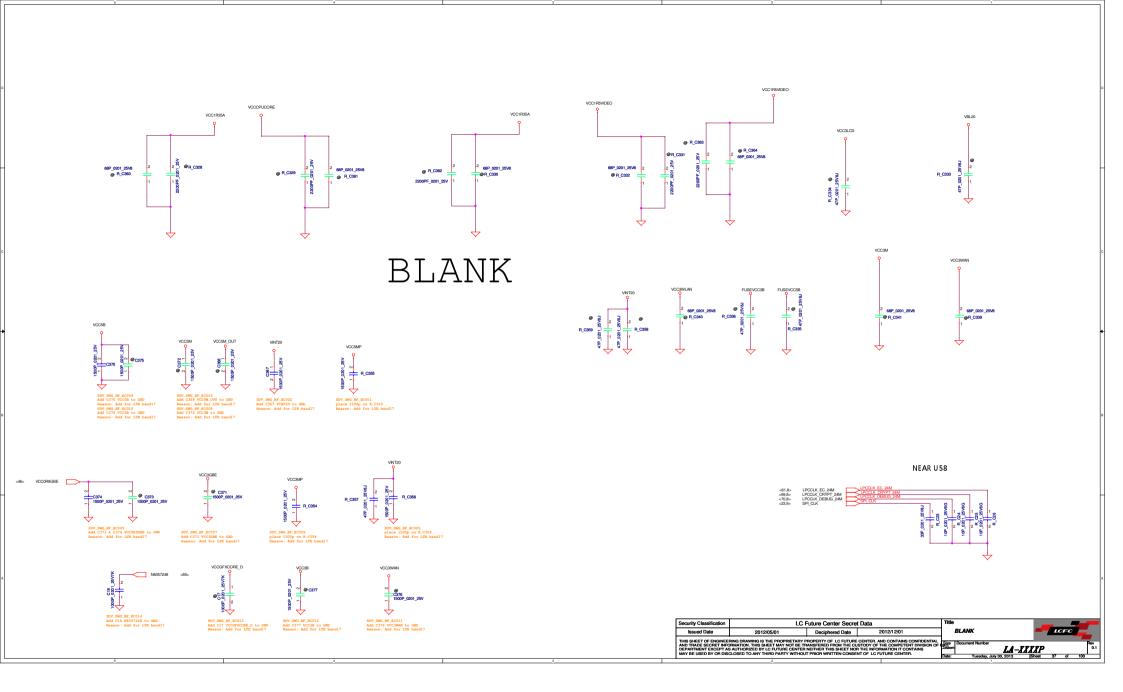
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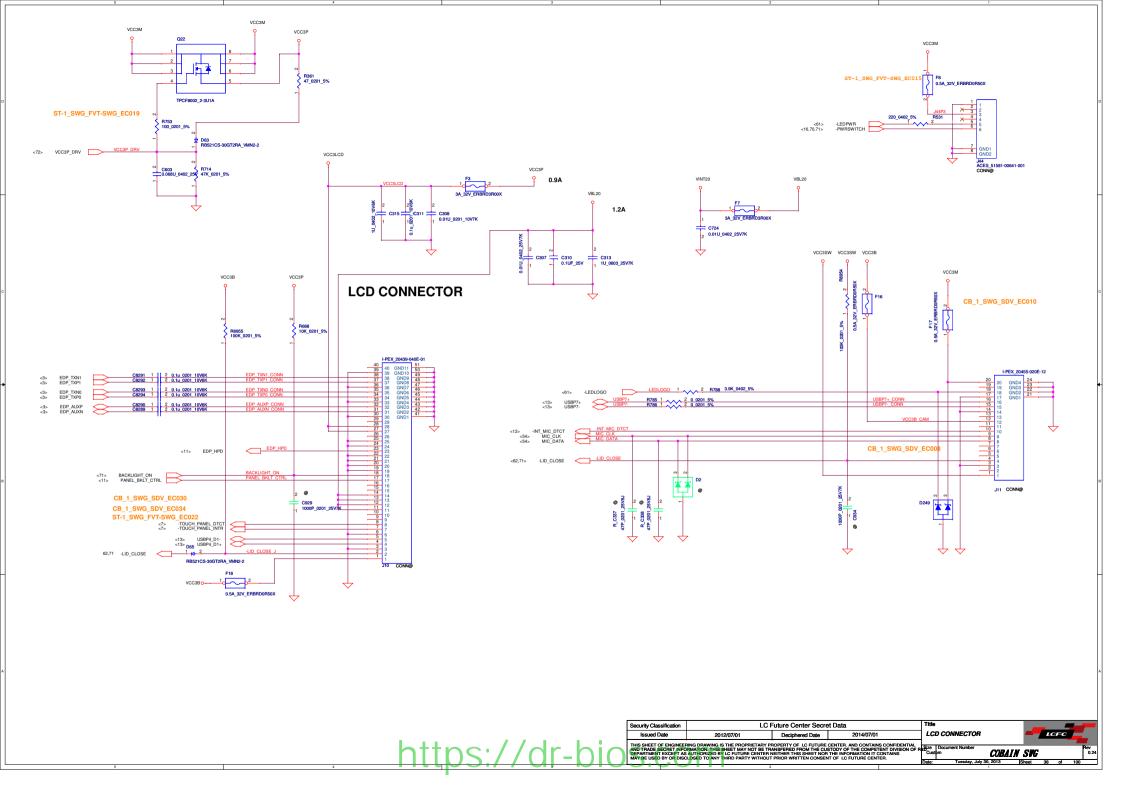
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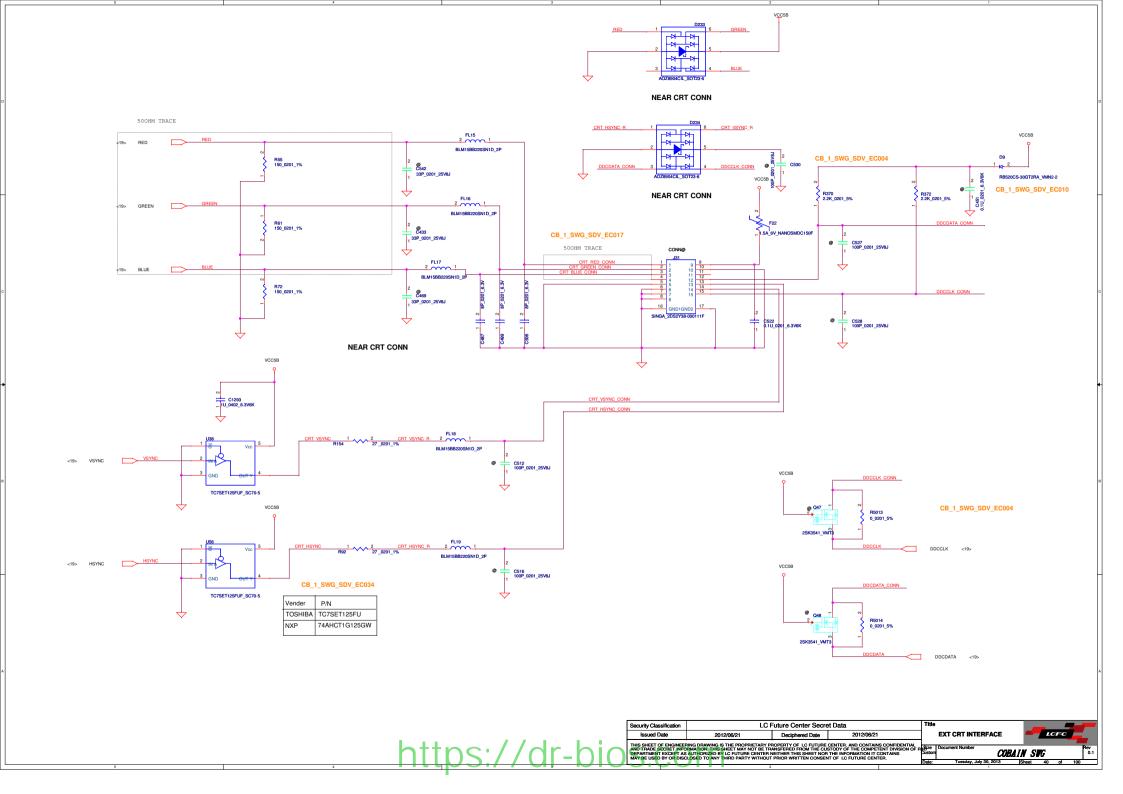
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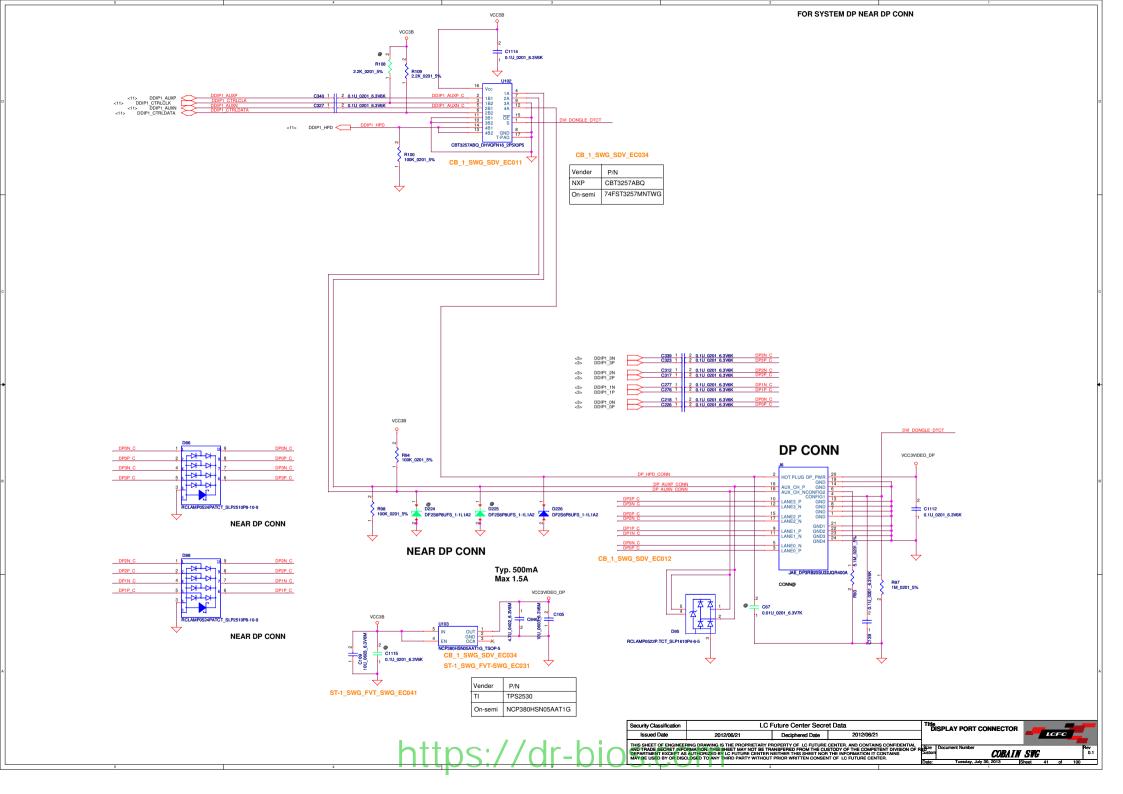


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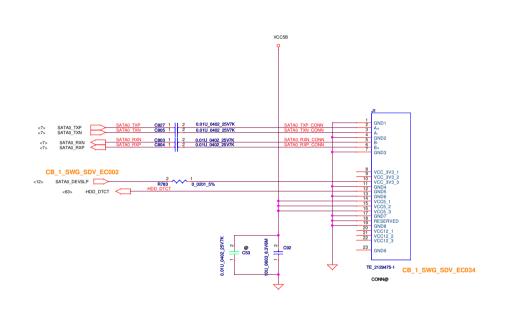
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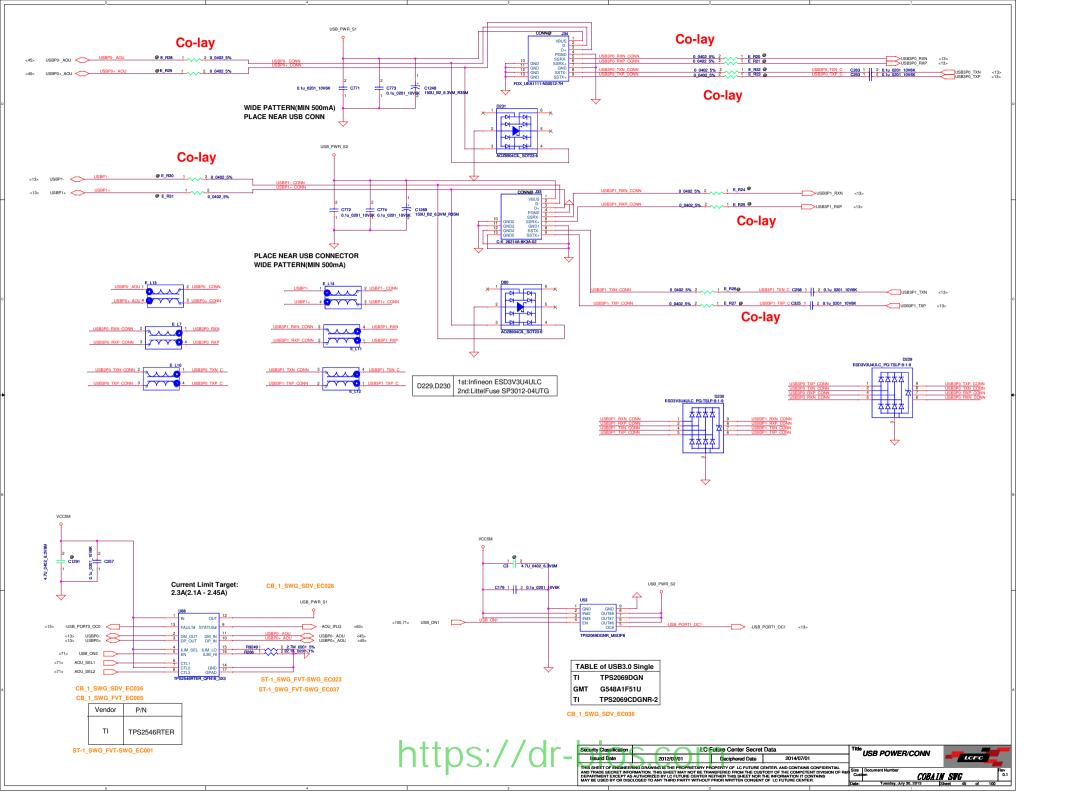
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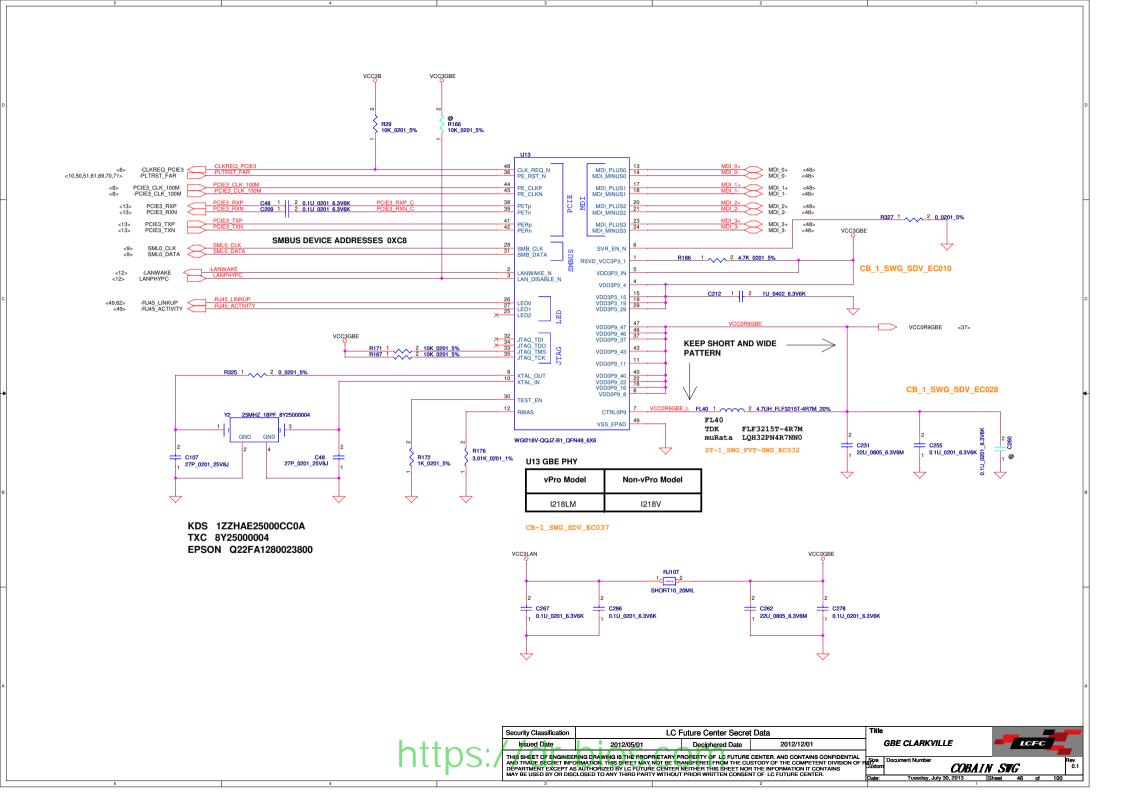
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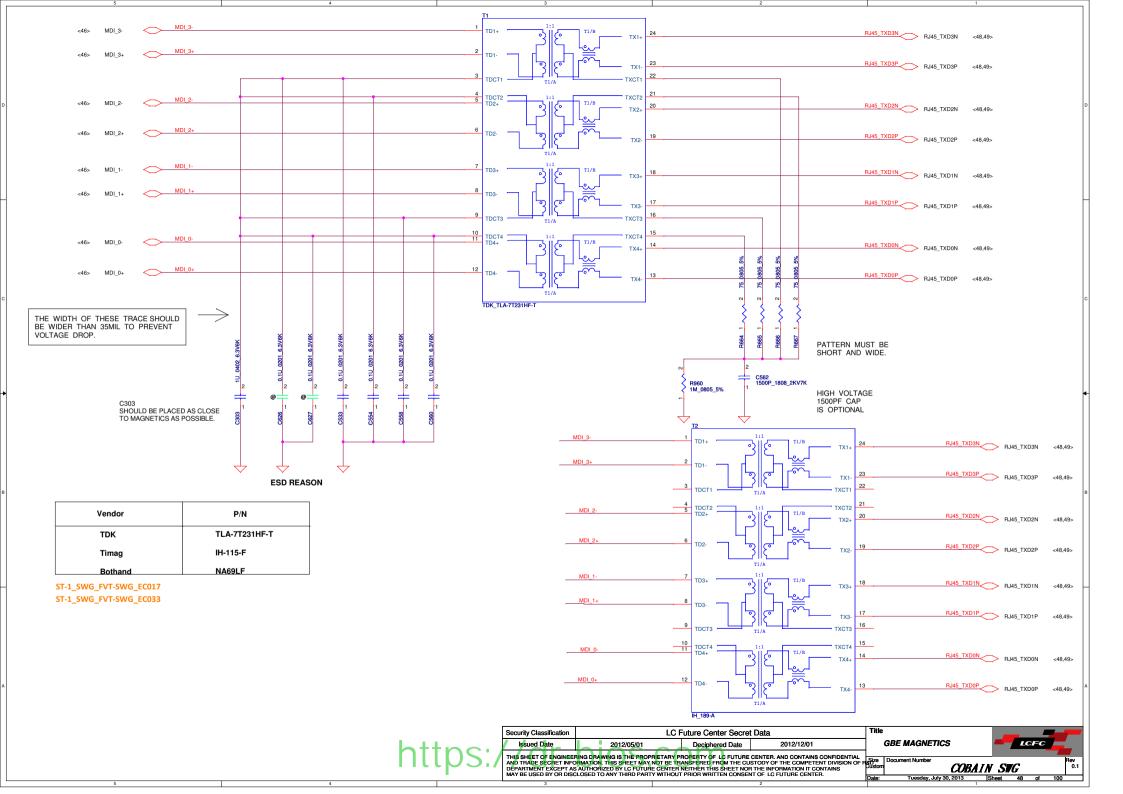
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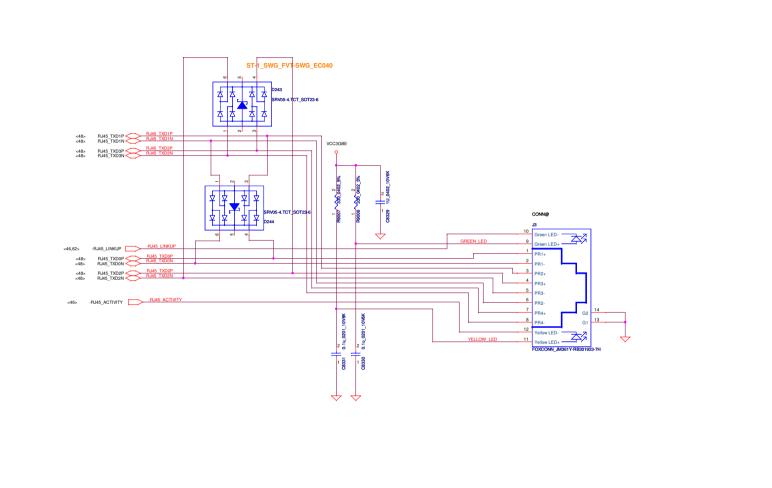
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Tuesday, July 30, 2013 | Sheet 47 of 100





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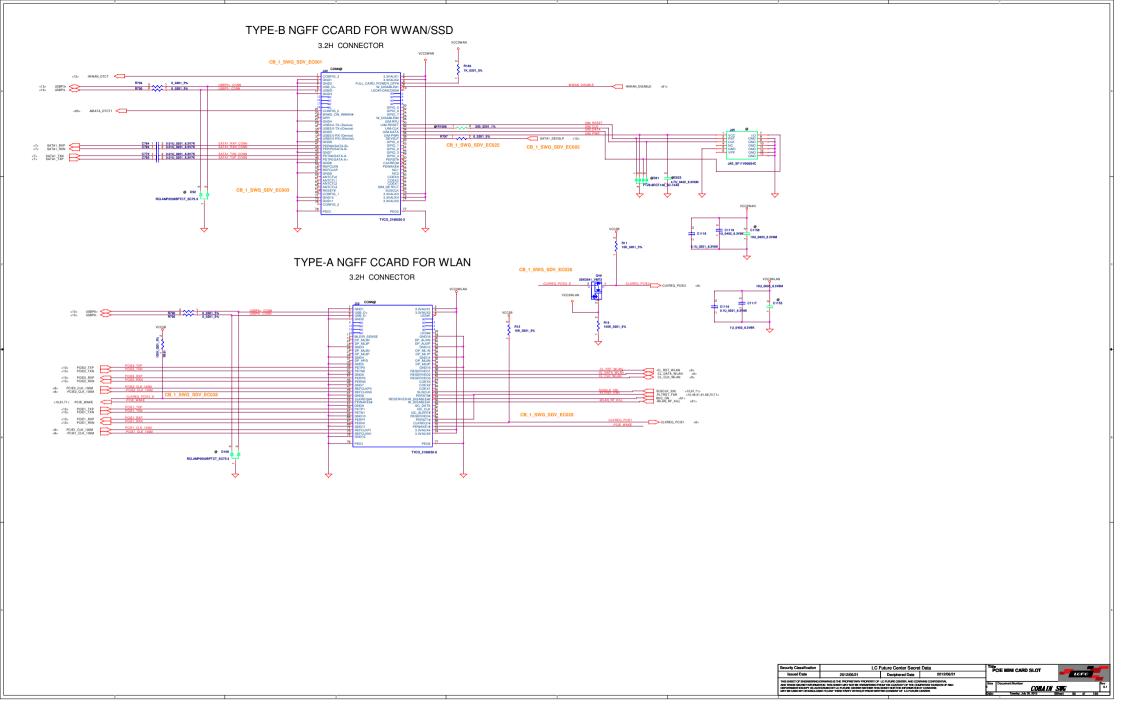
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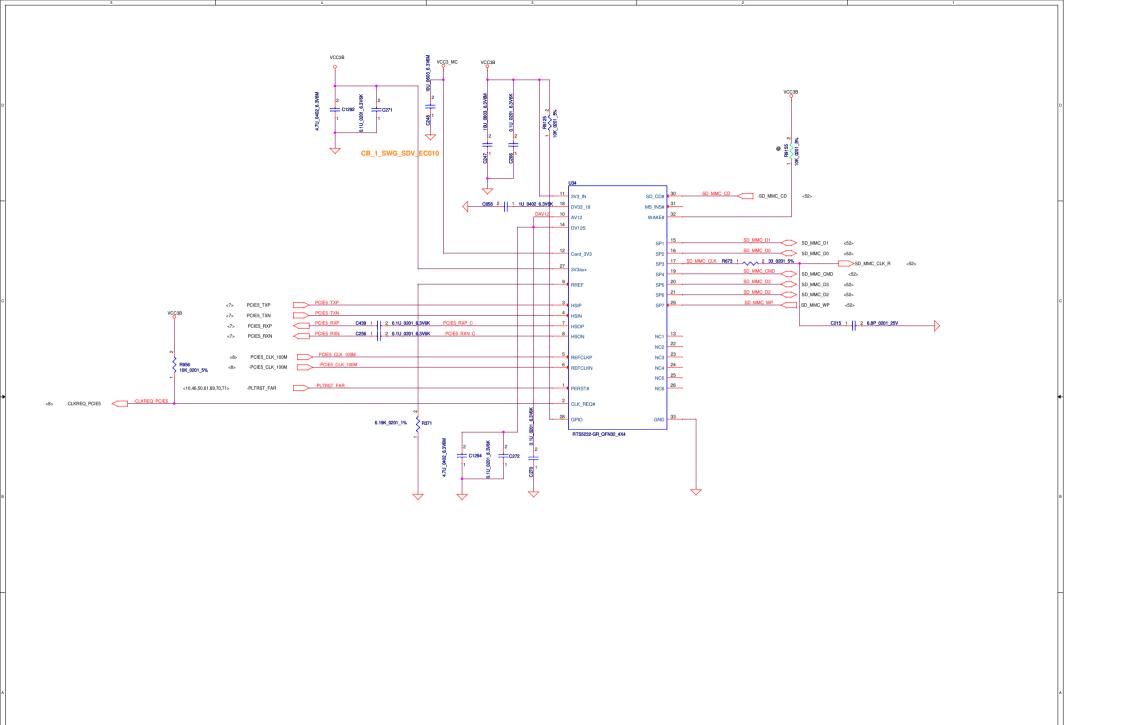
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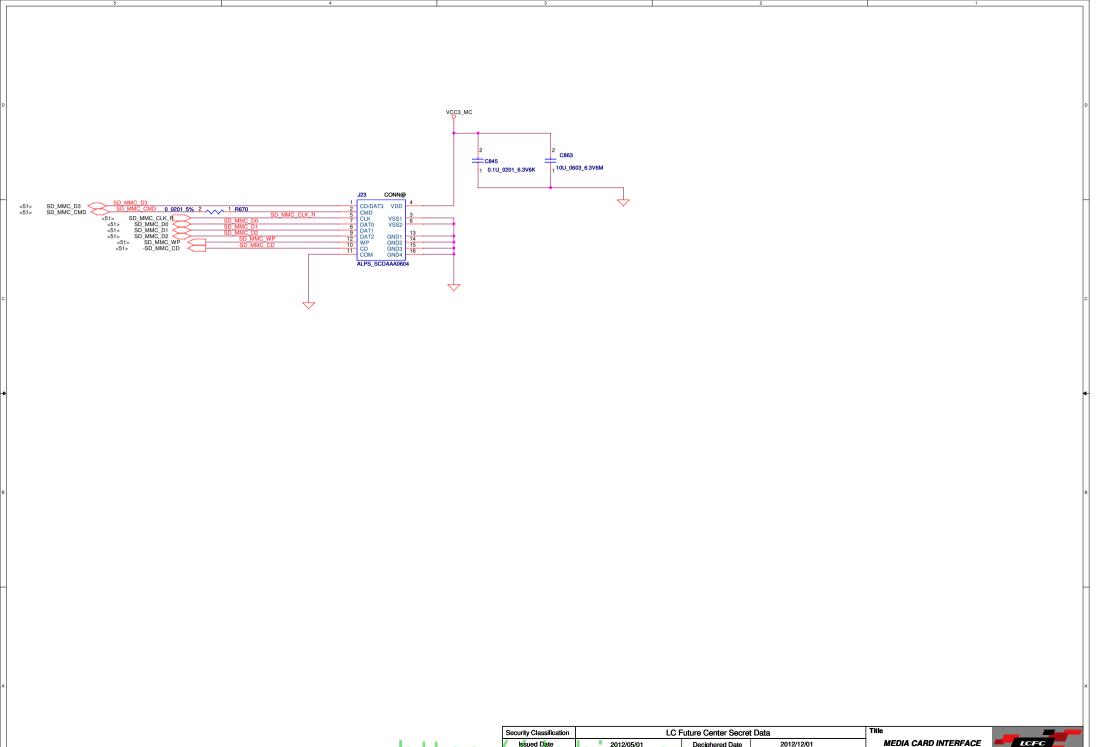
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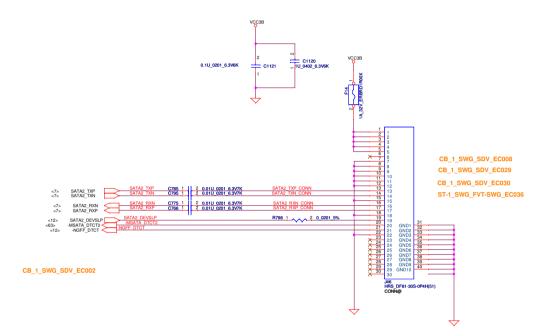


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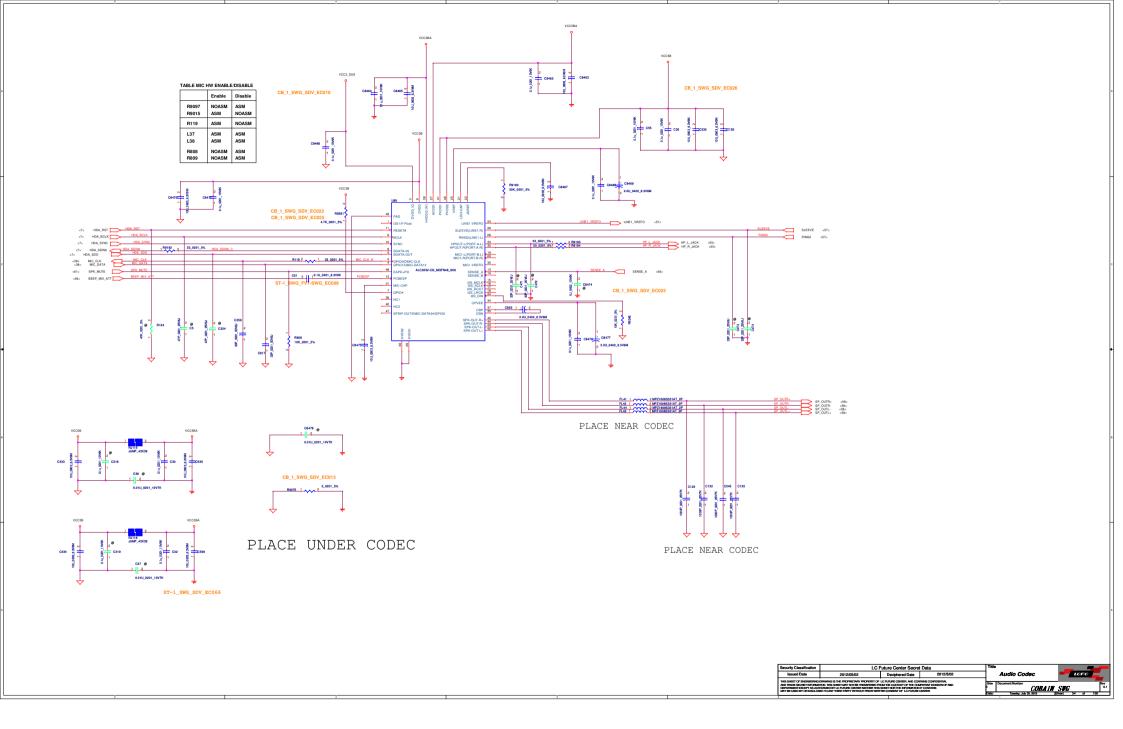
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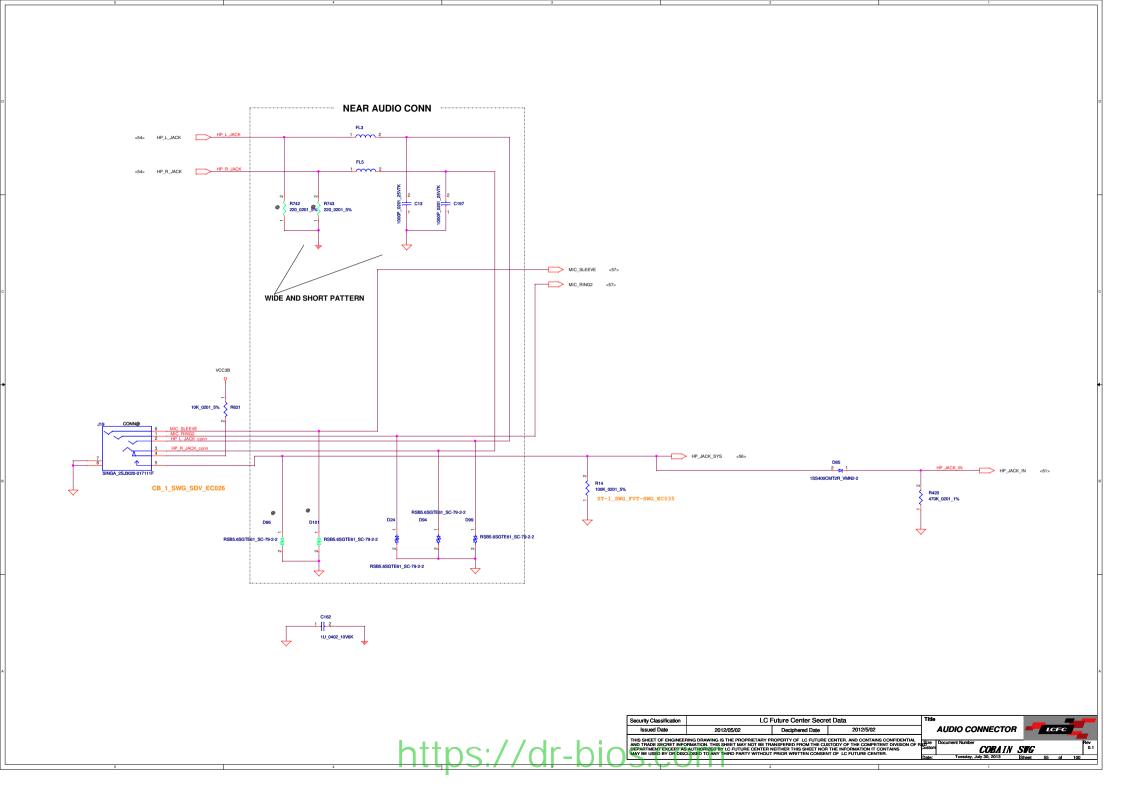
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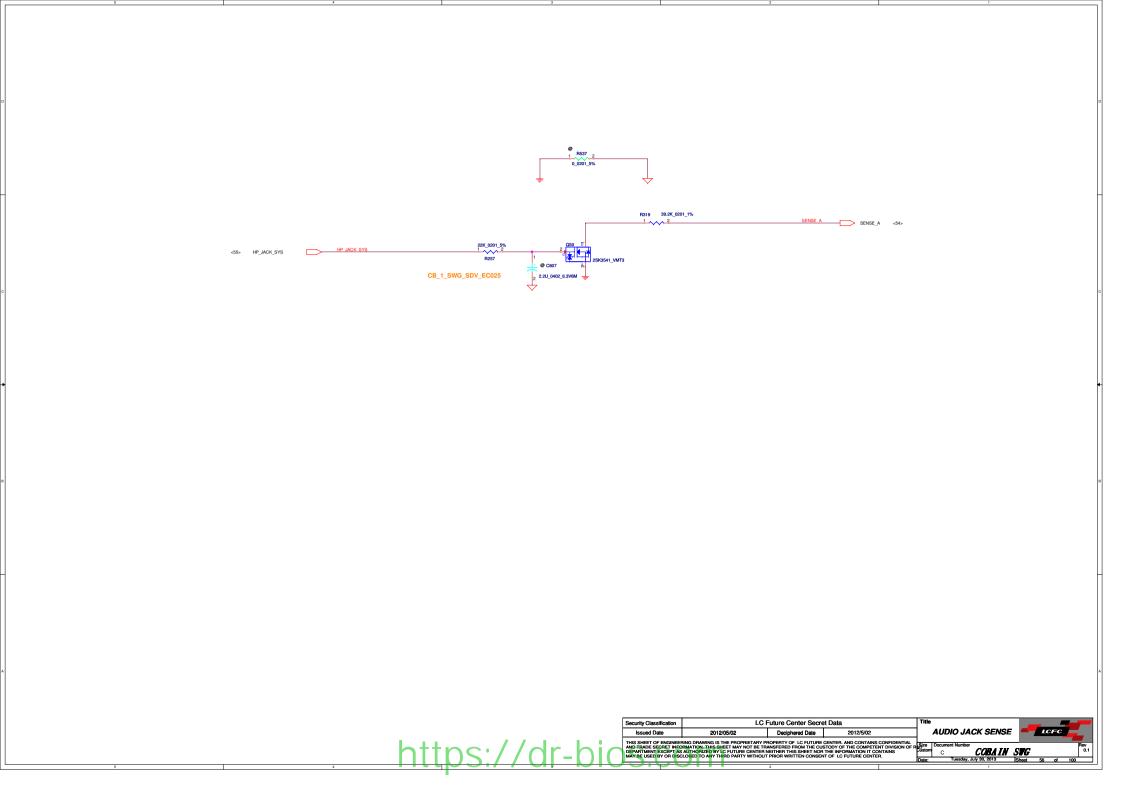
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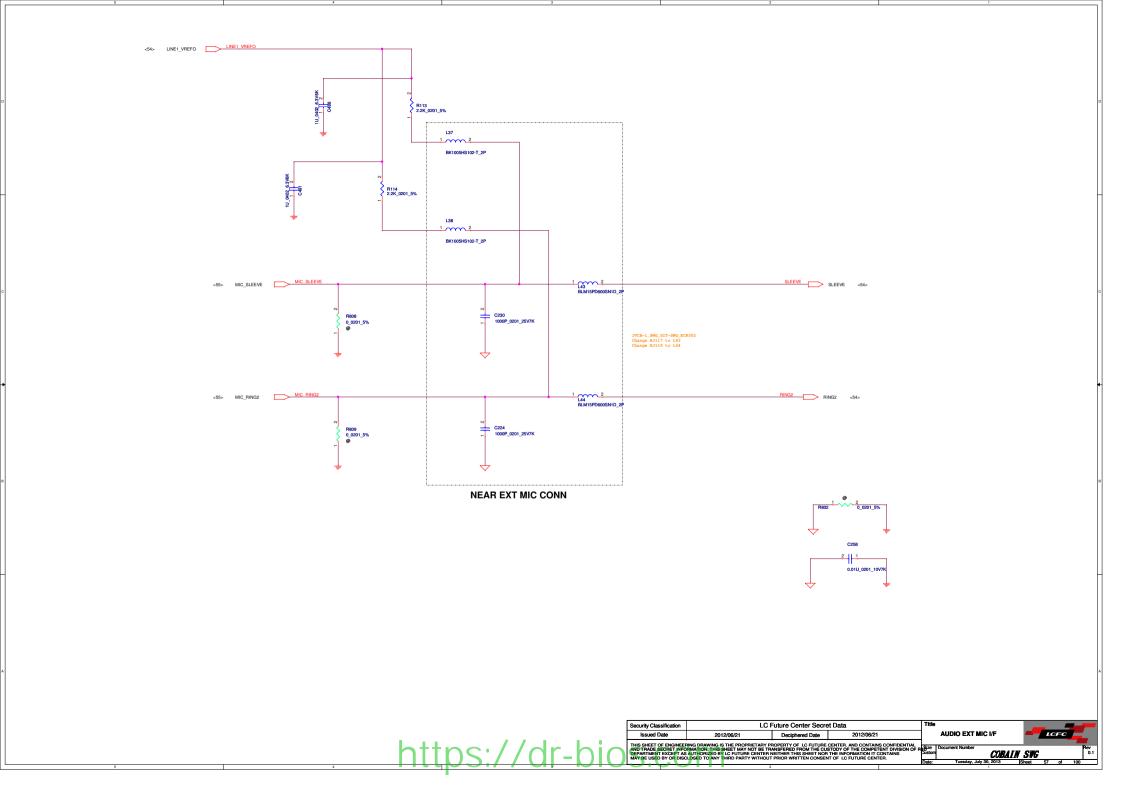
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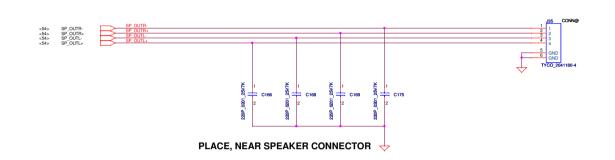


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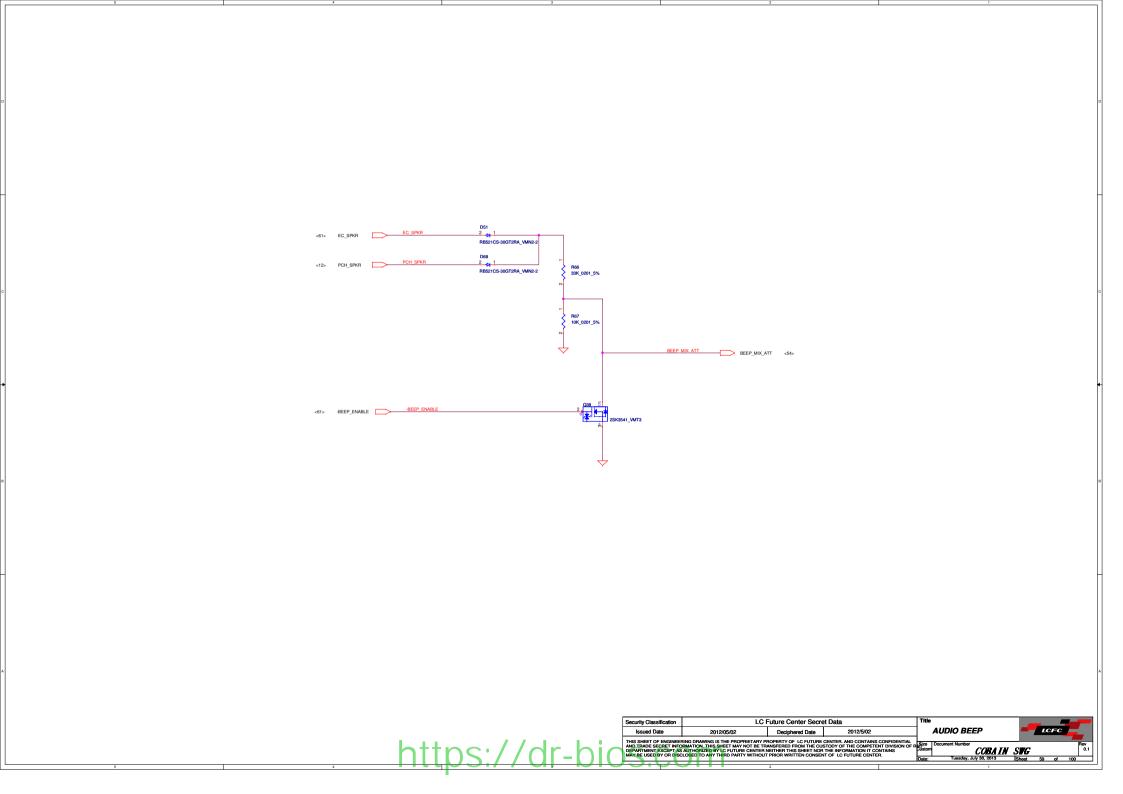
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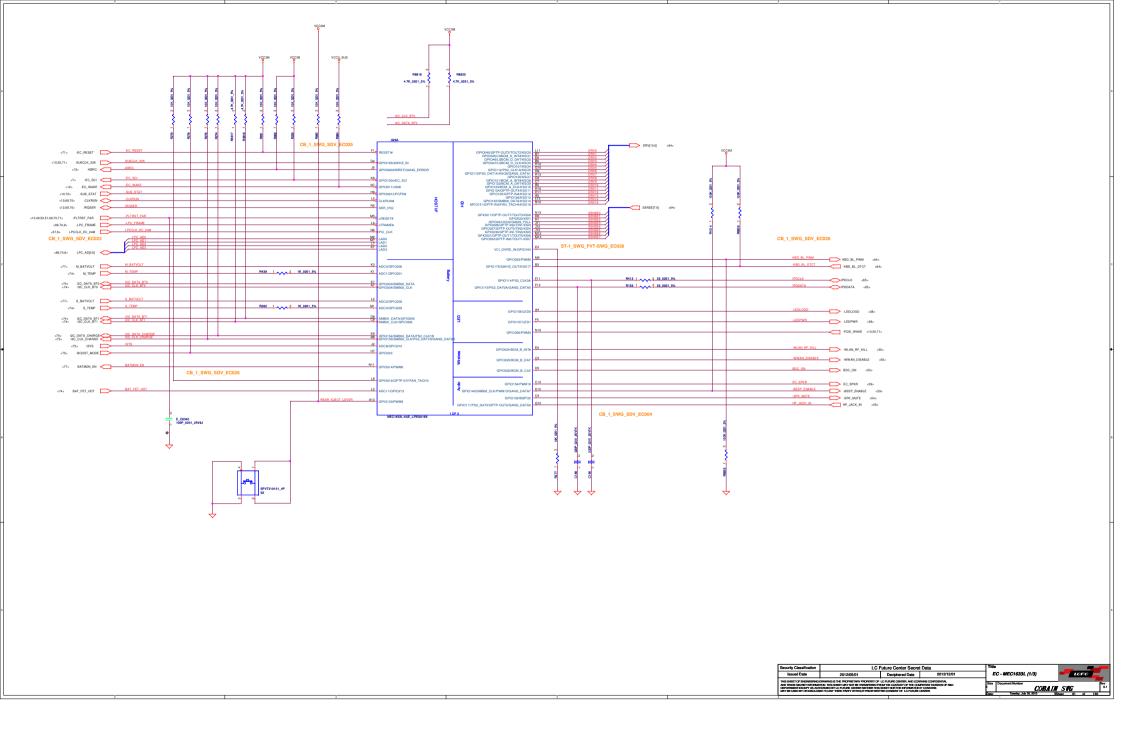
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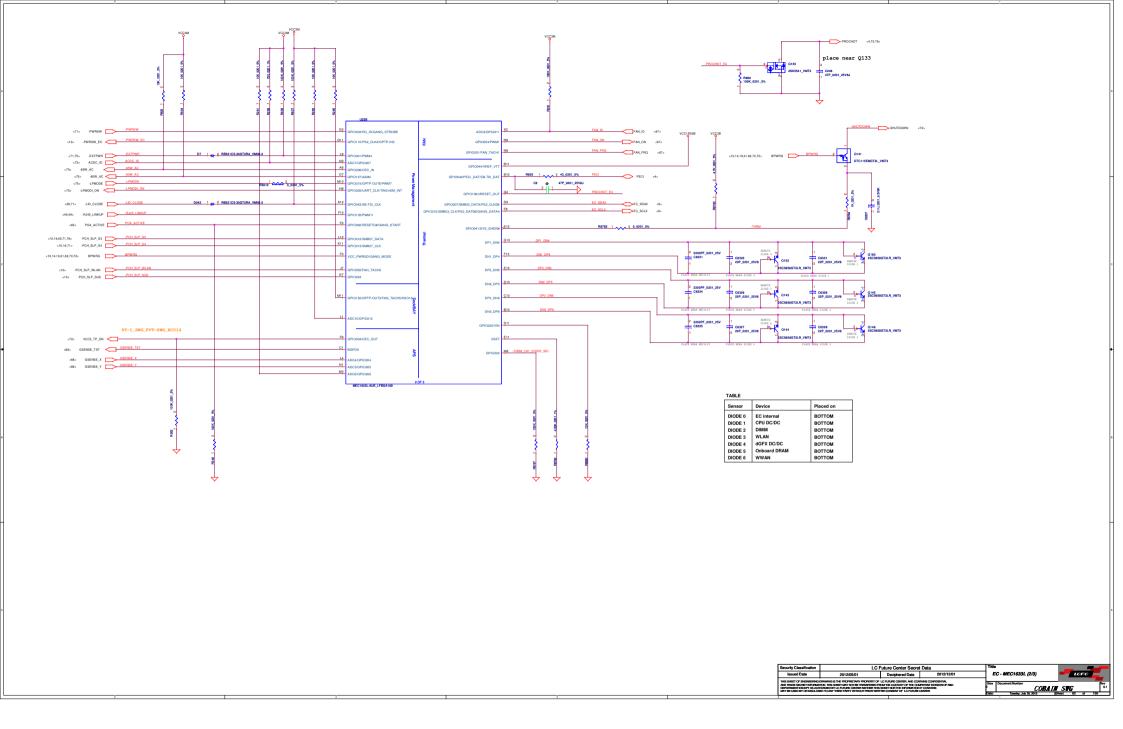
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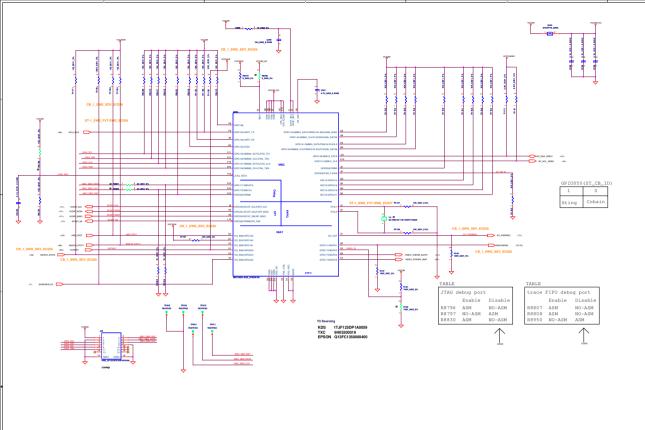
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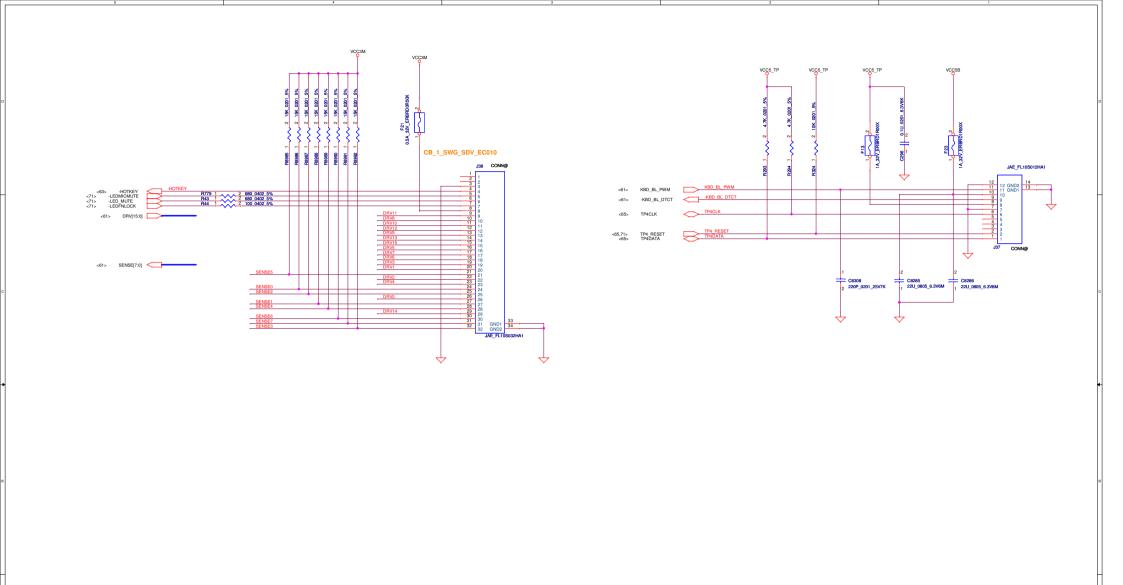
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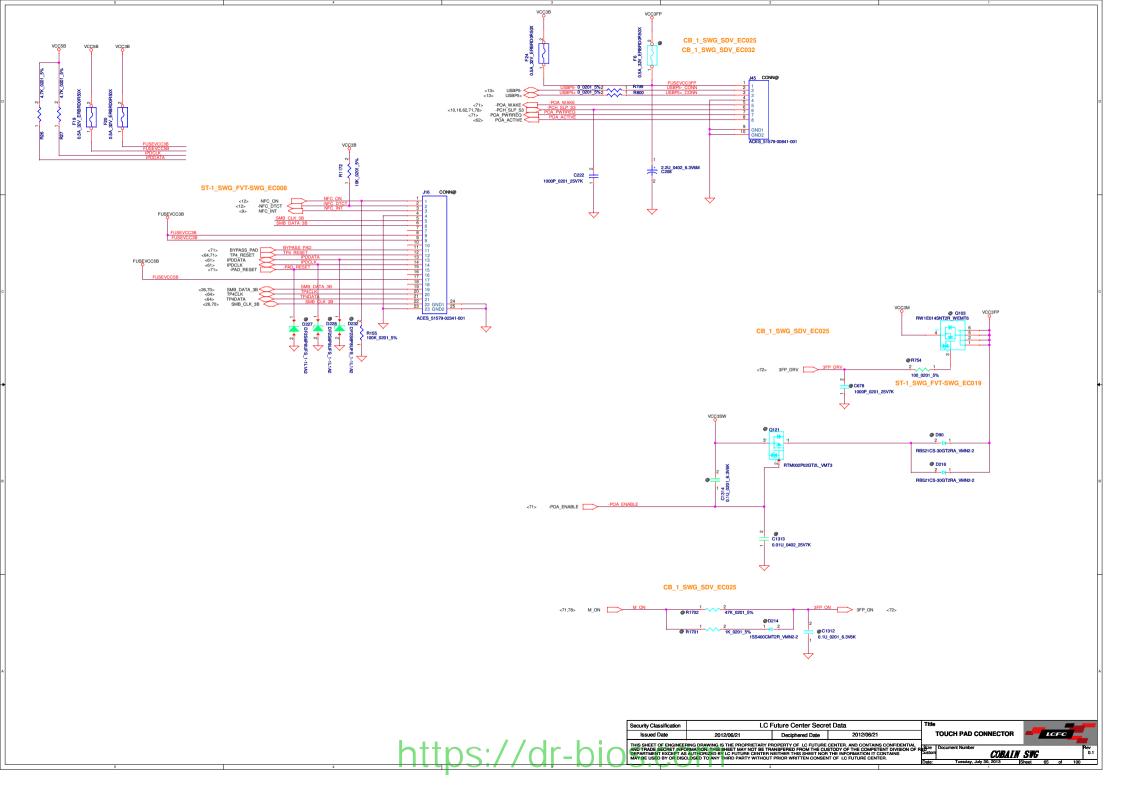
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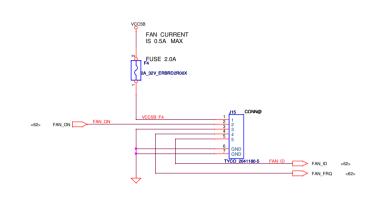




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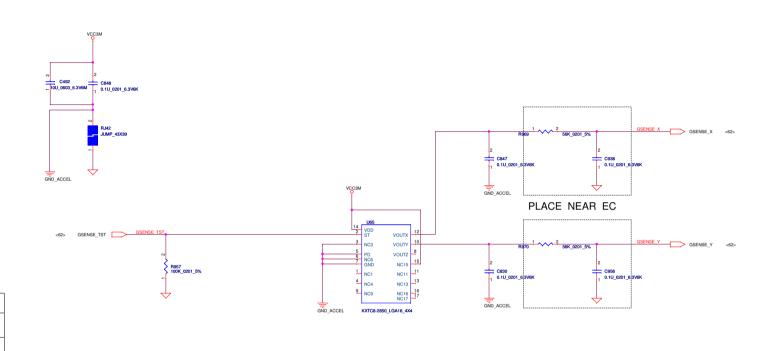


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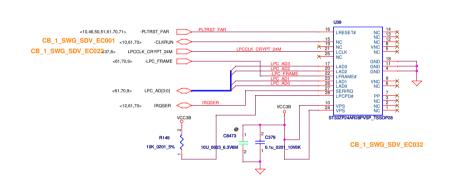


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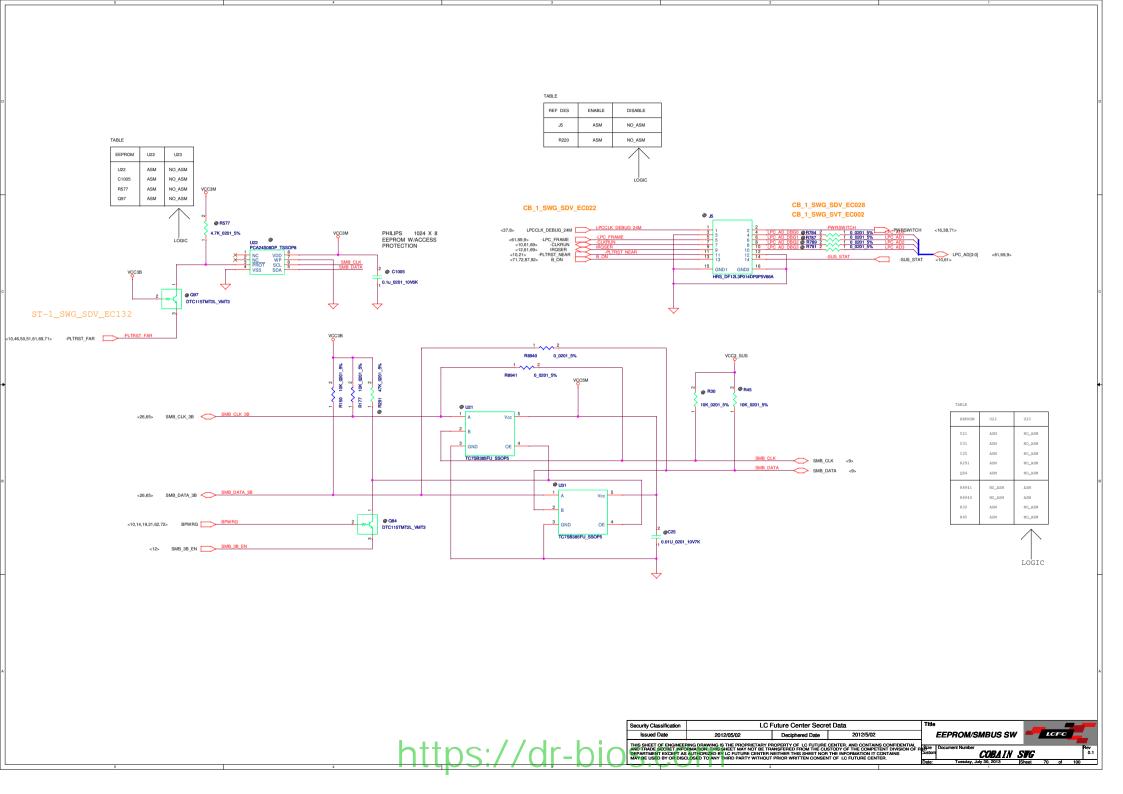
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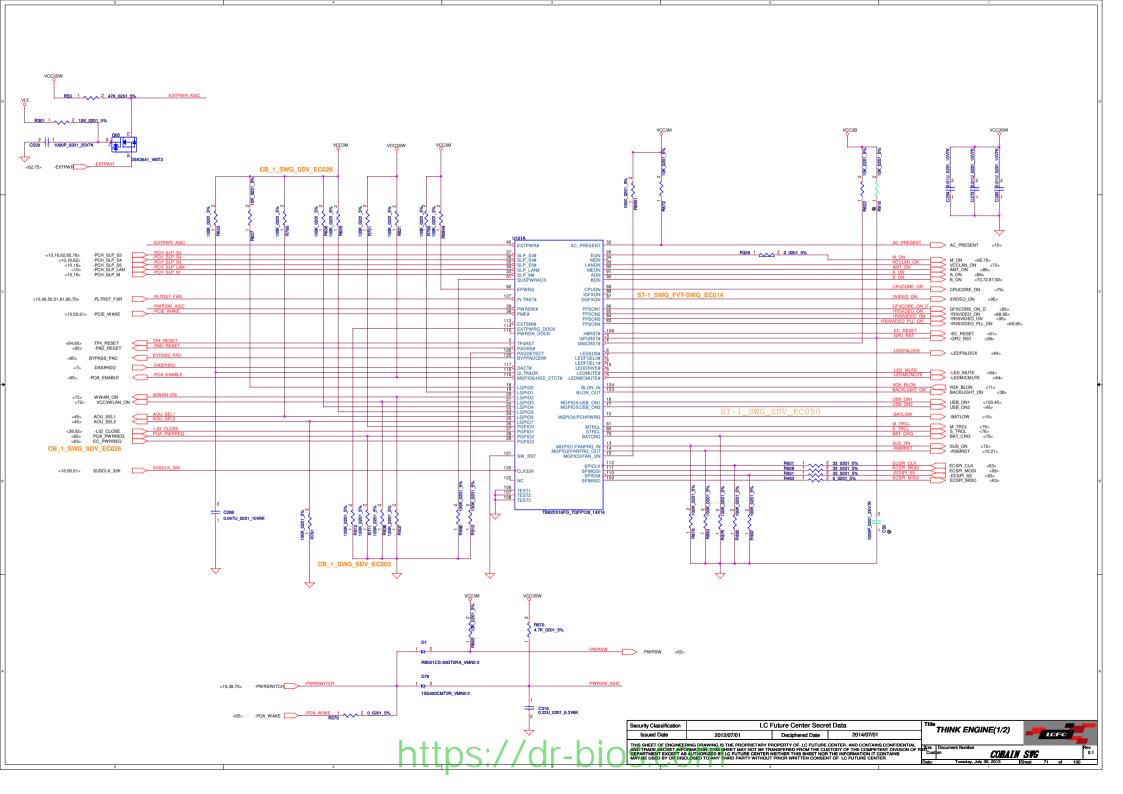


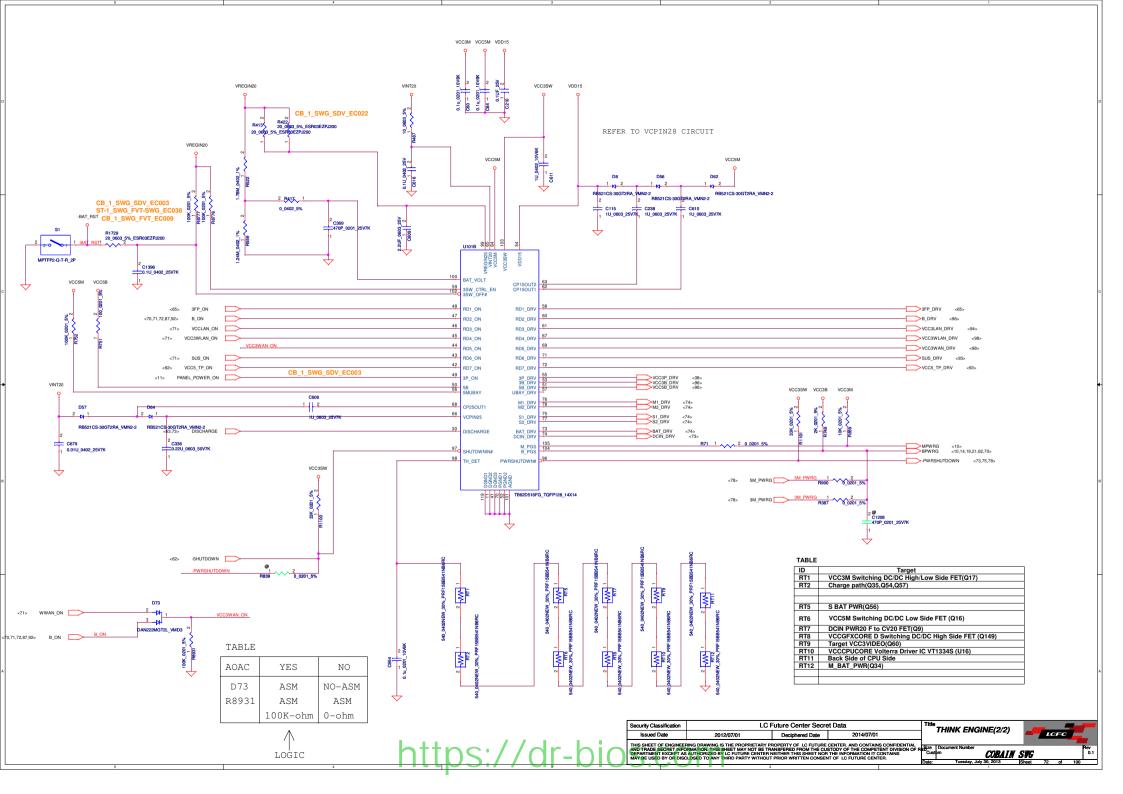
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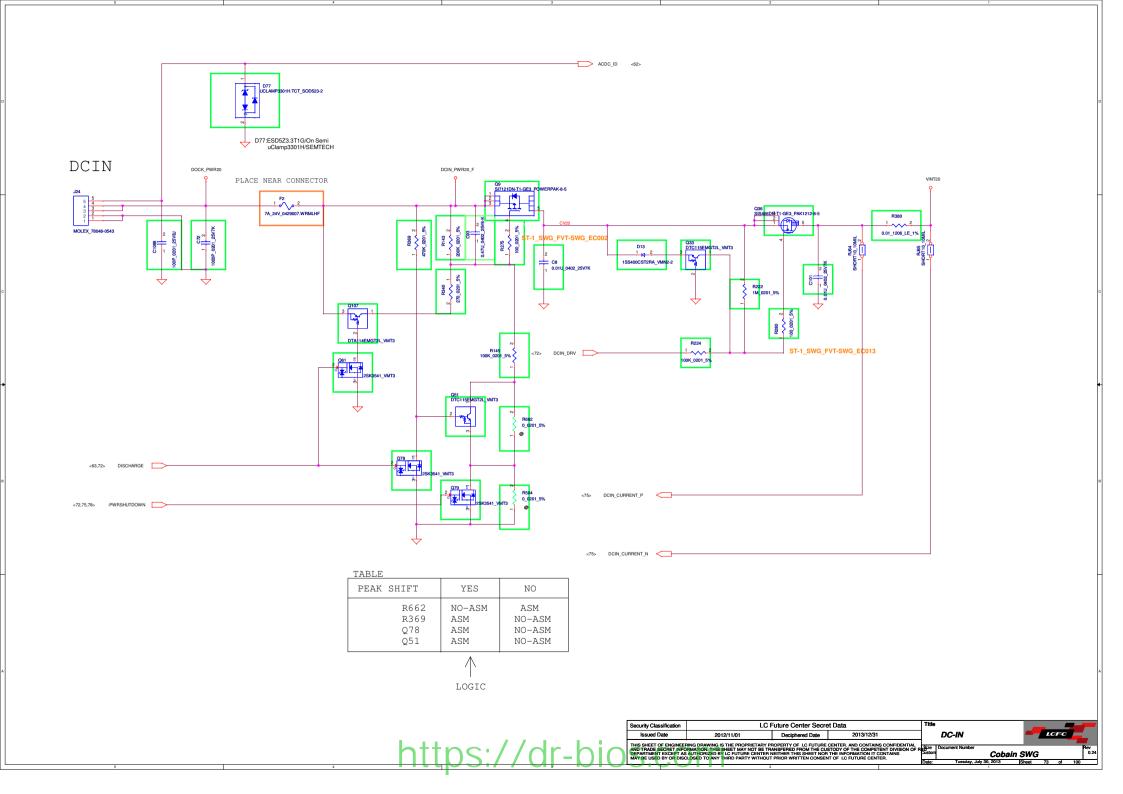
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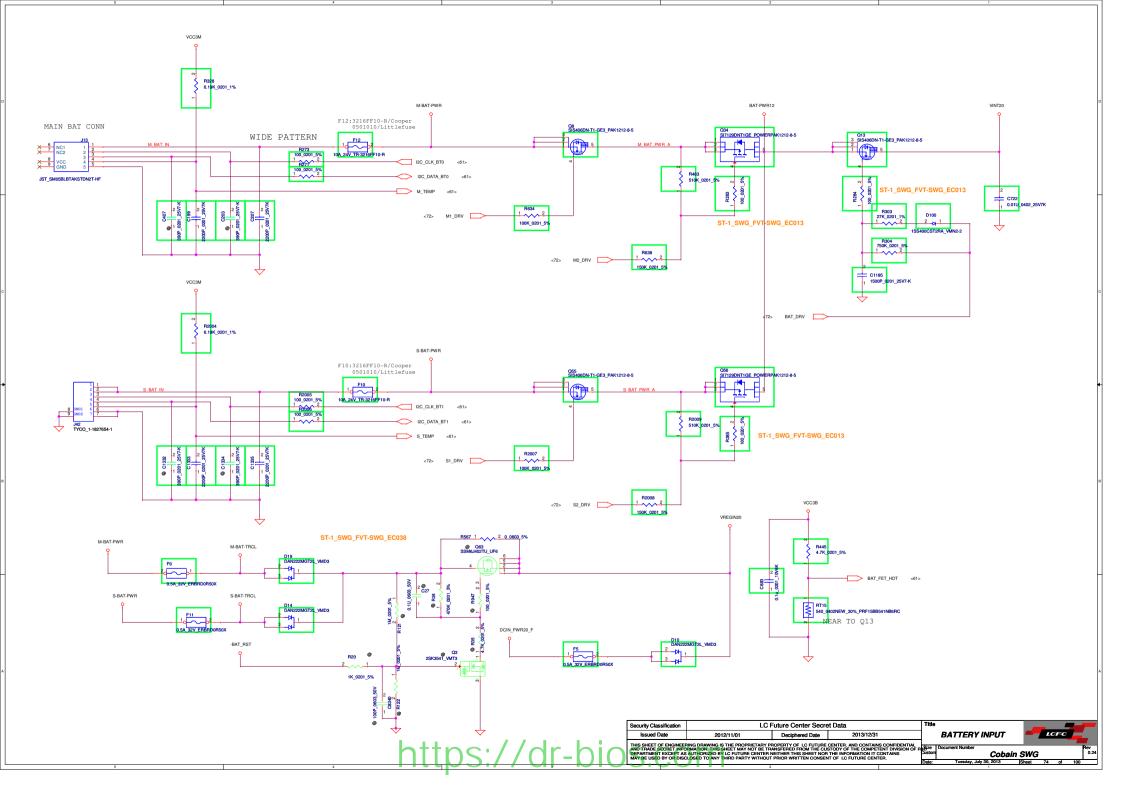
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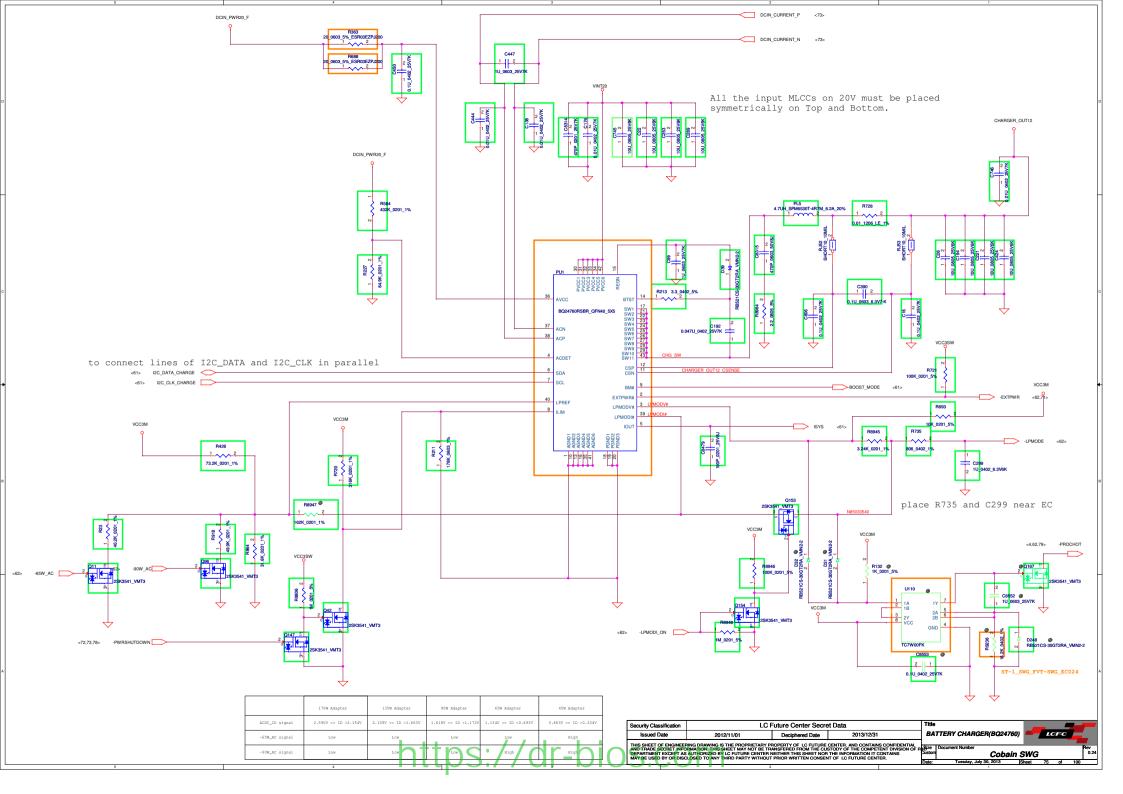


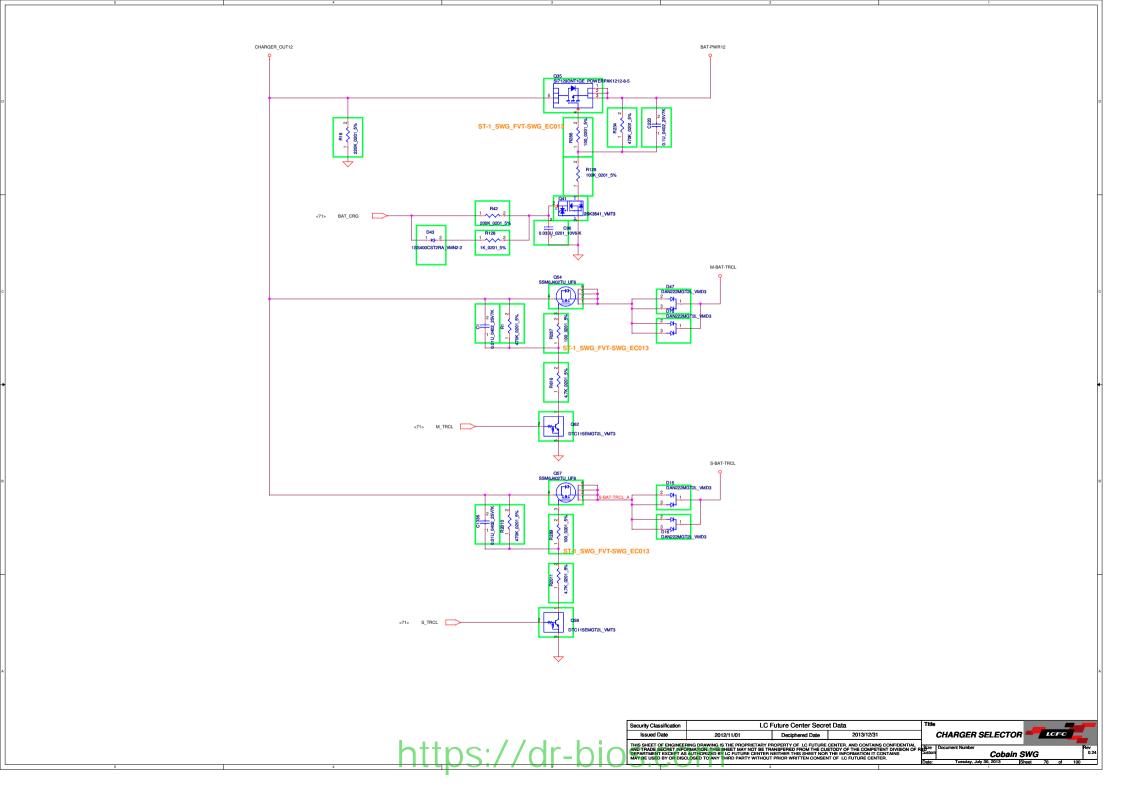


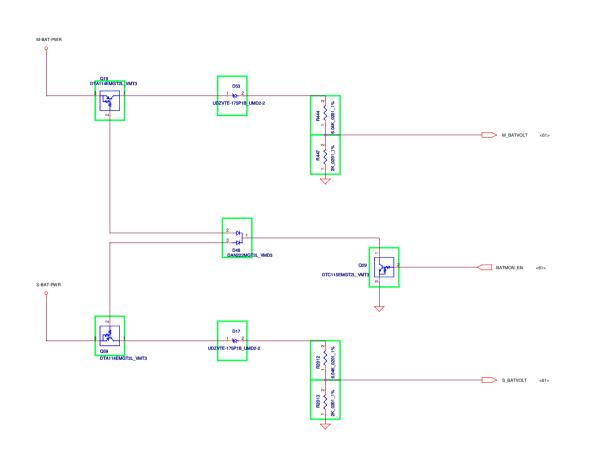








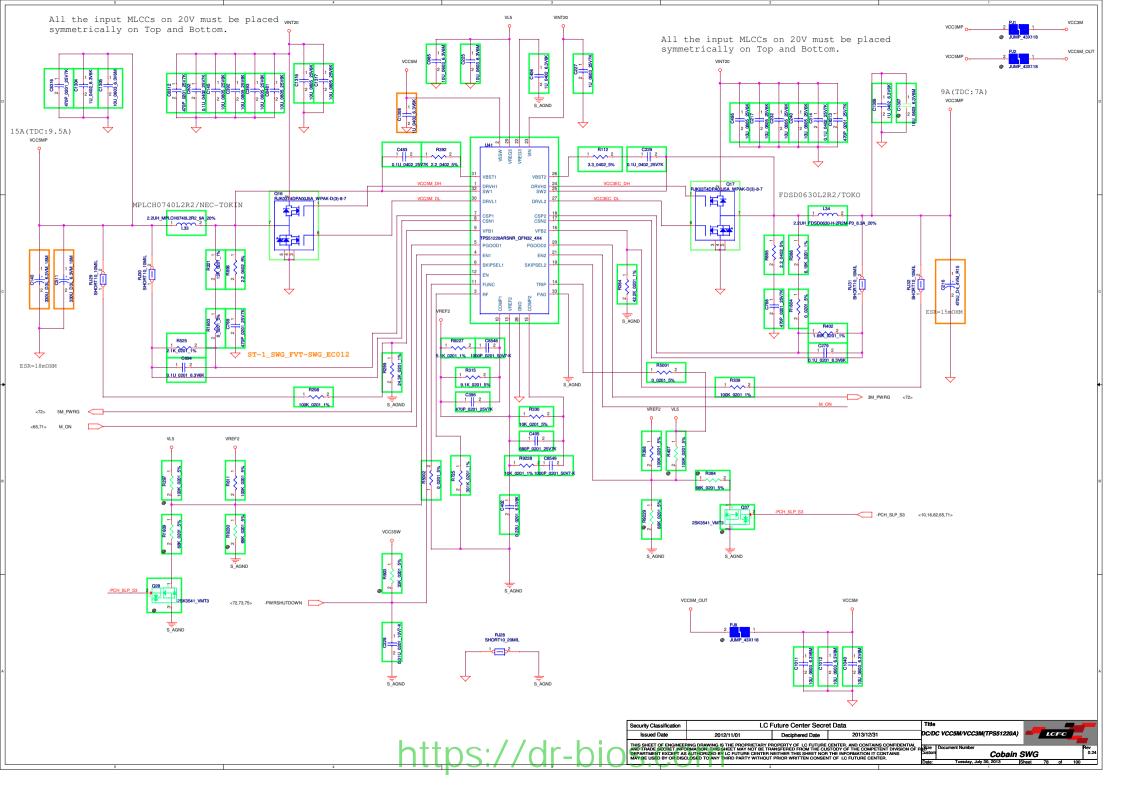


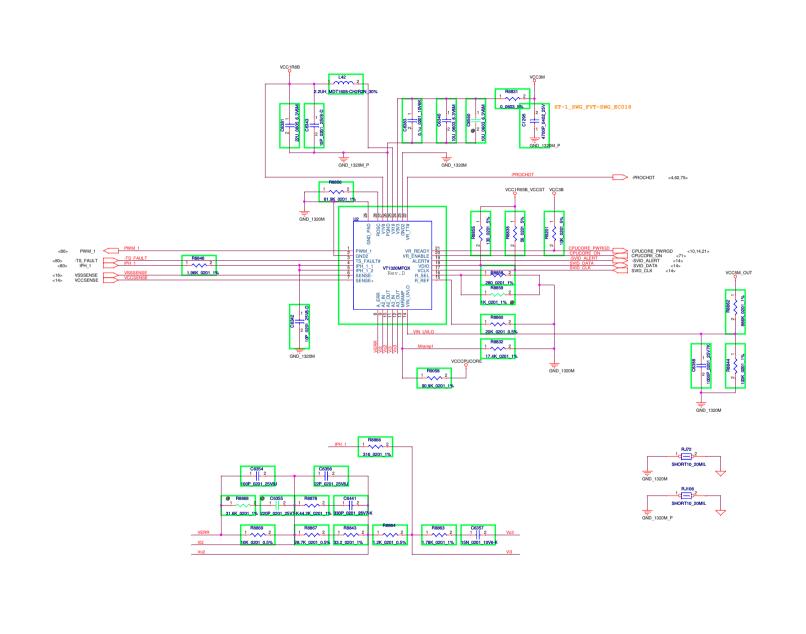


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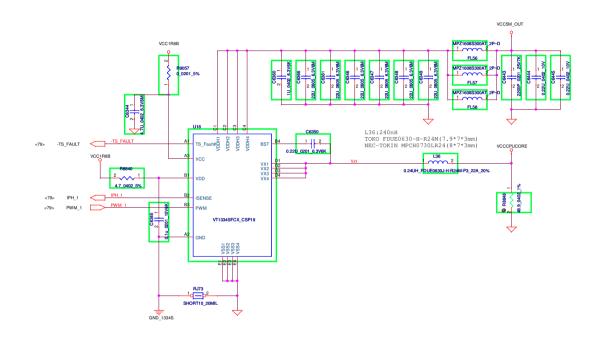
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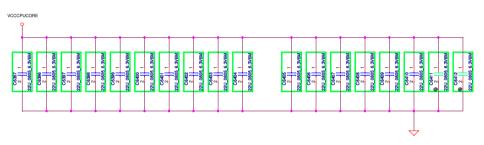
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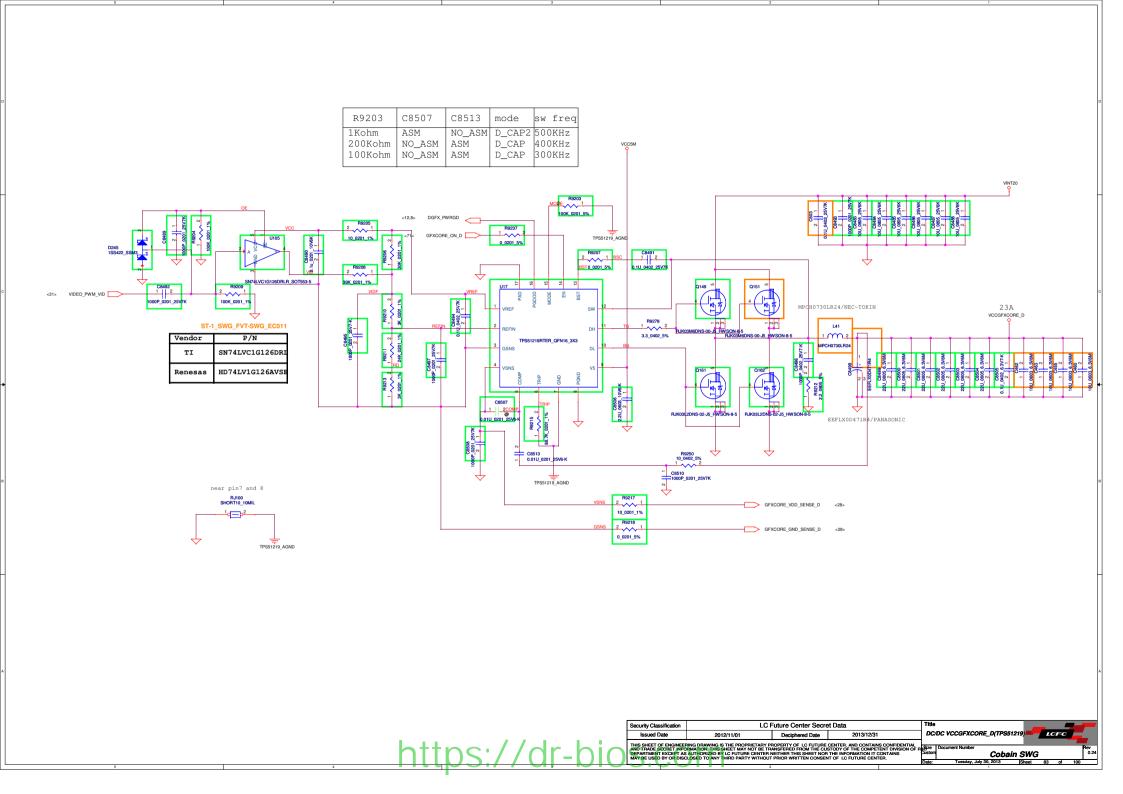
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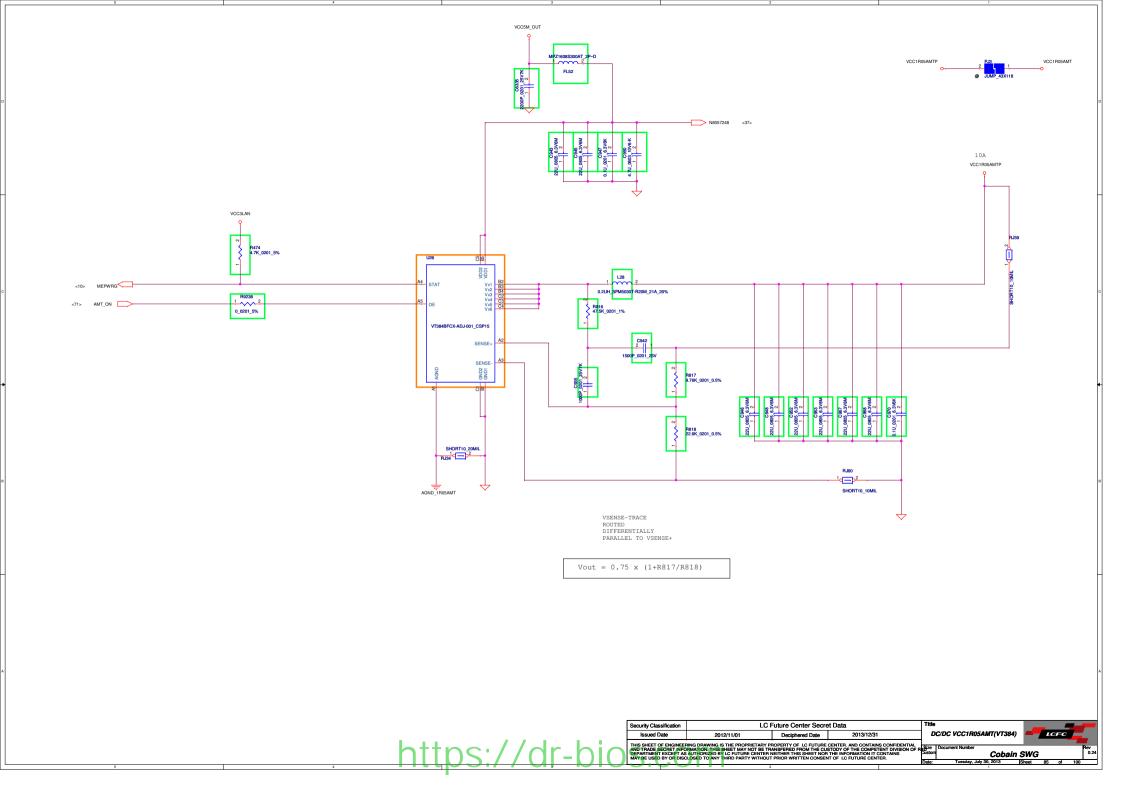
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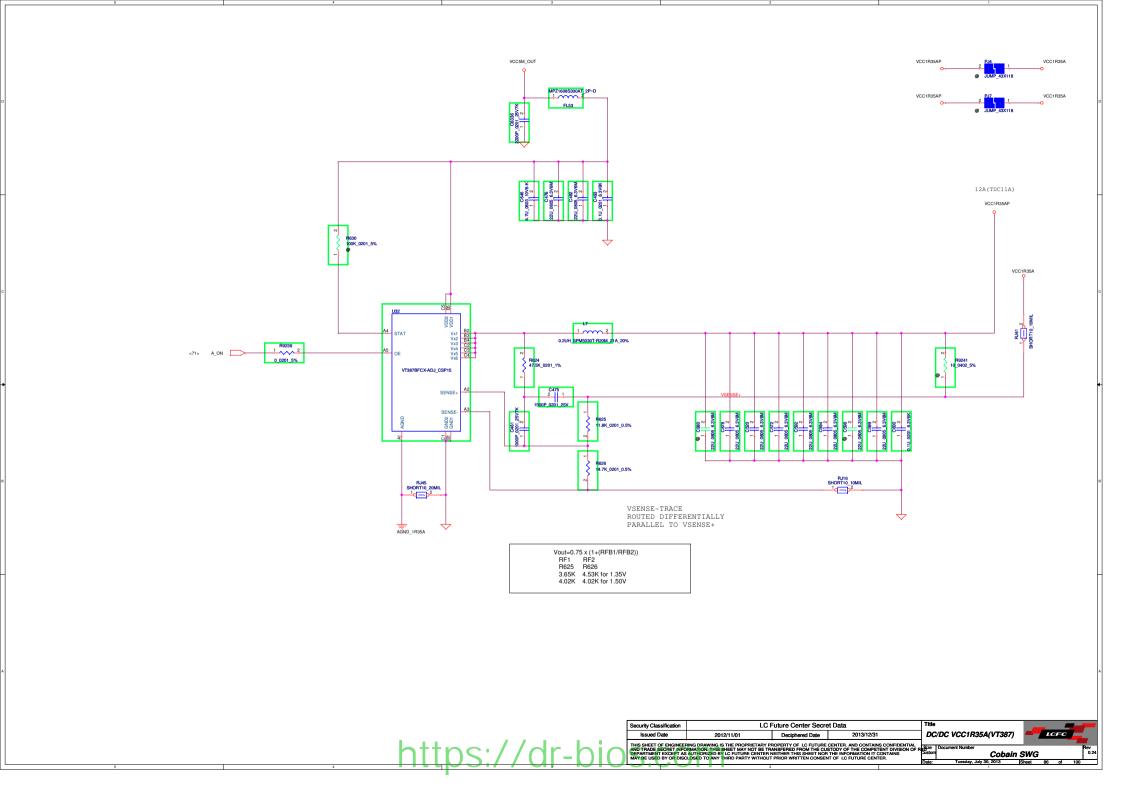


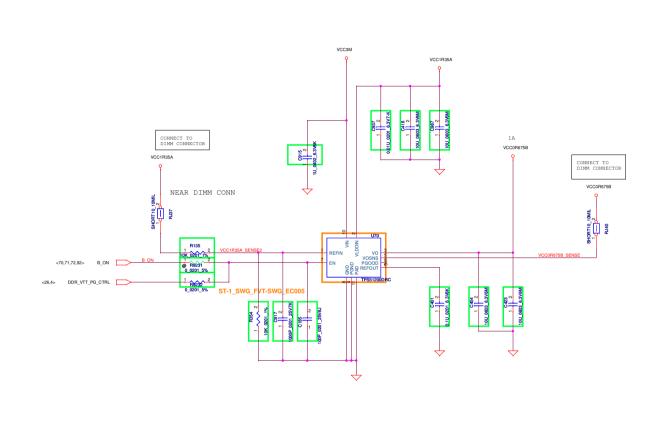
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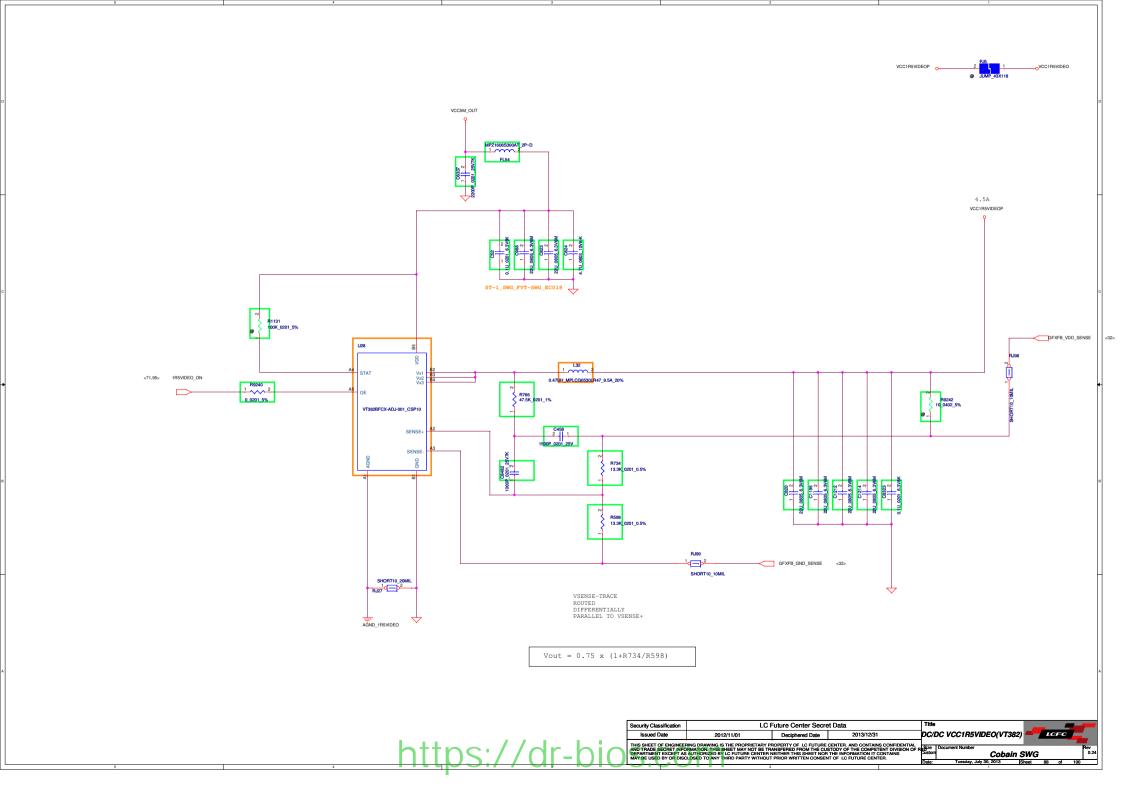
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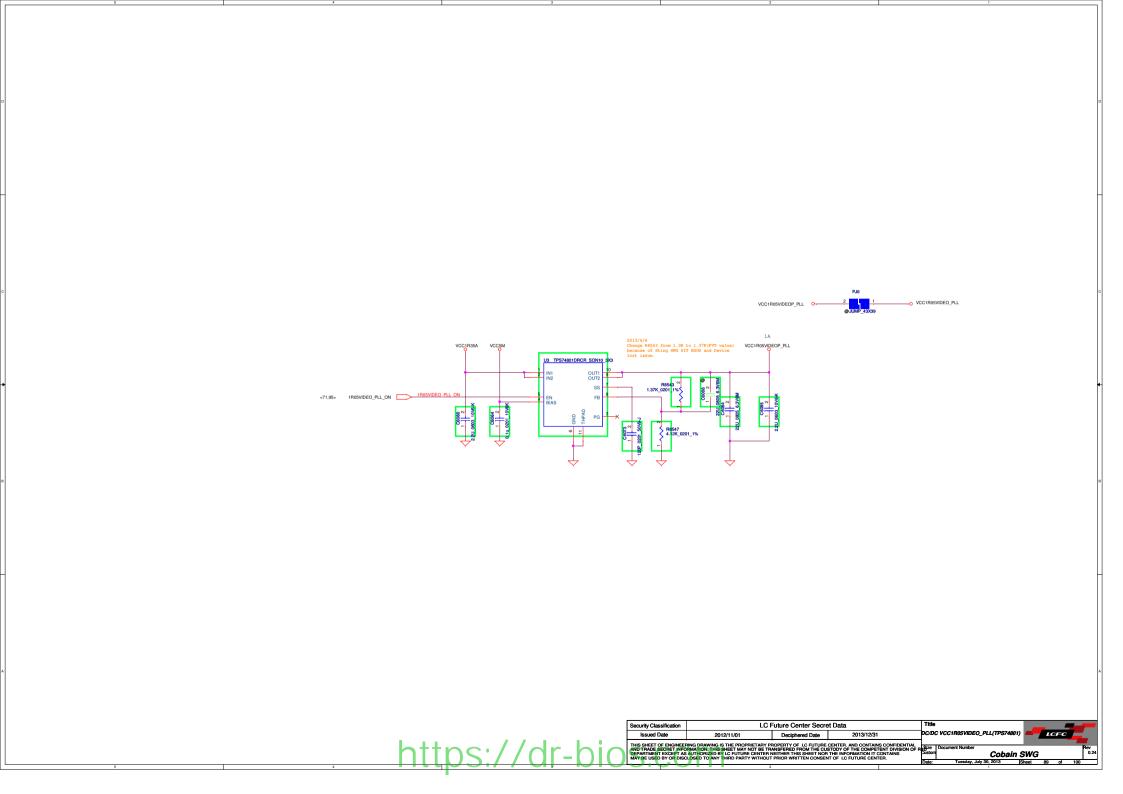
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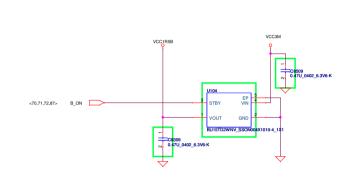




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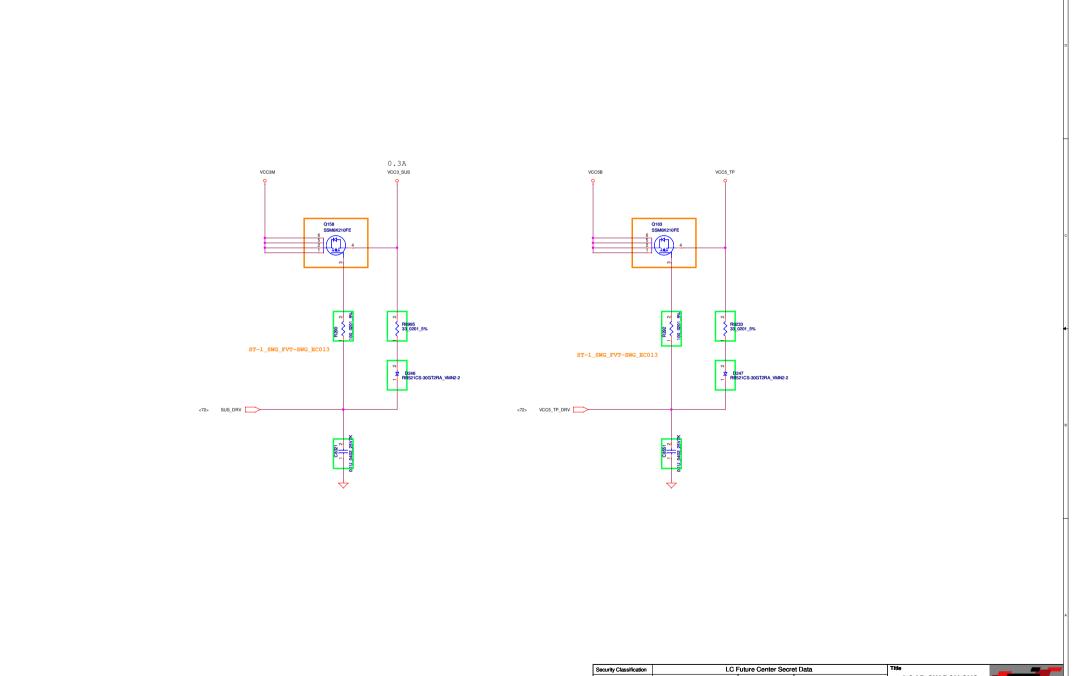


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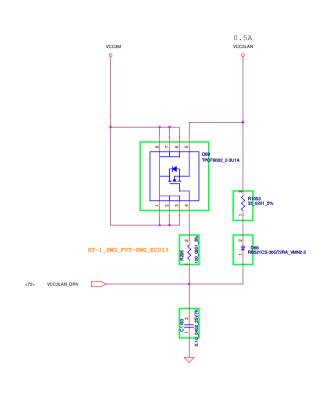
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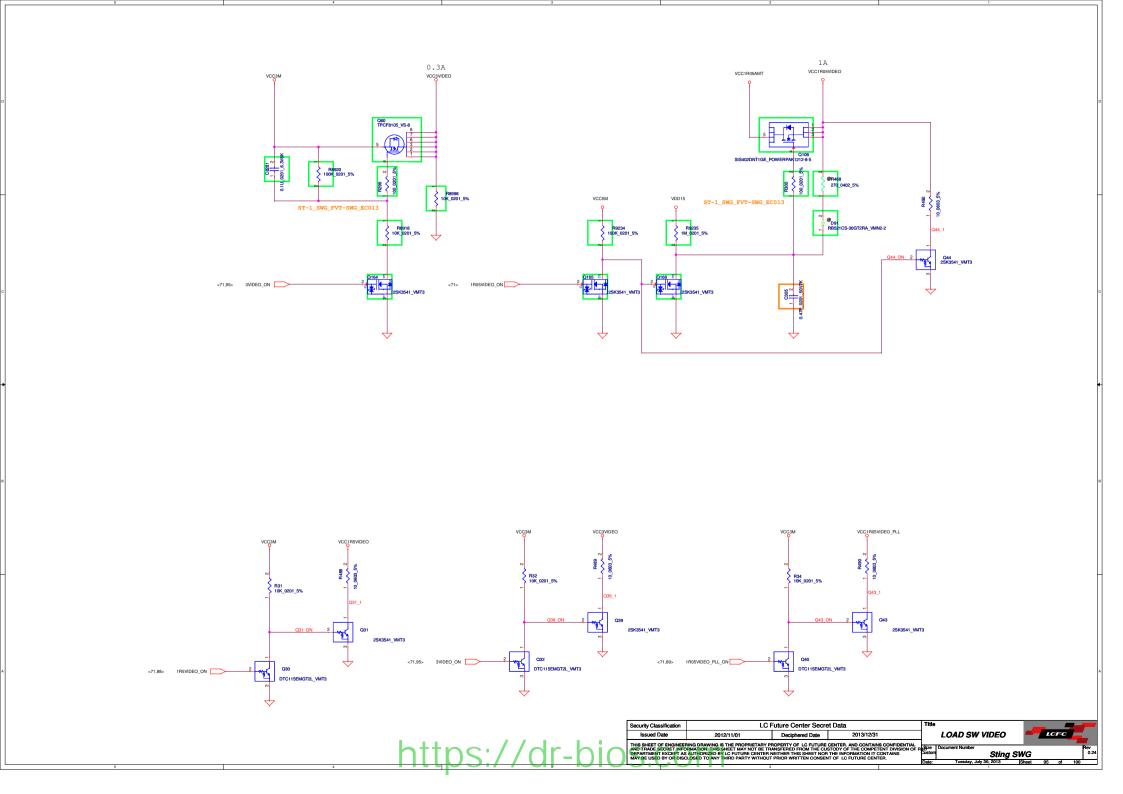


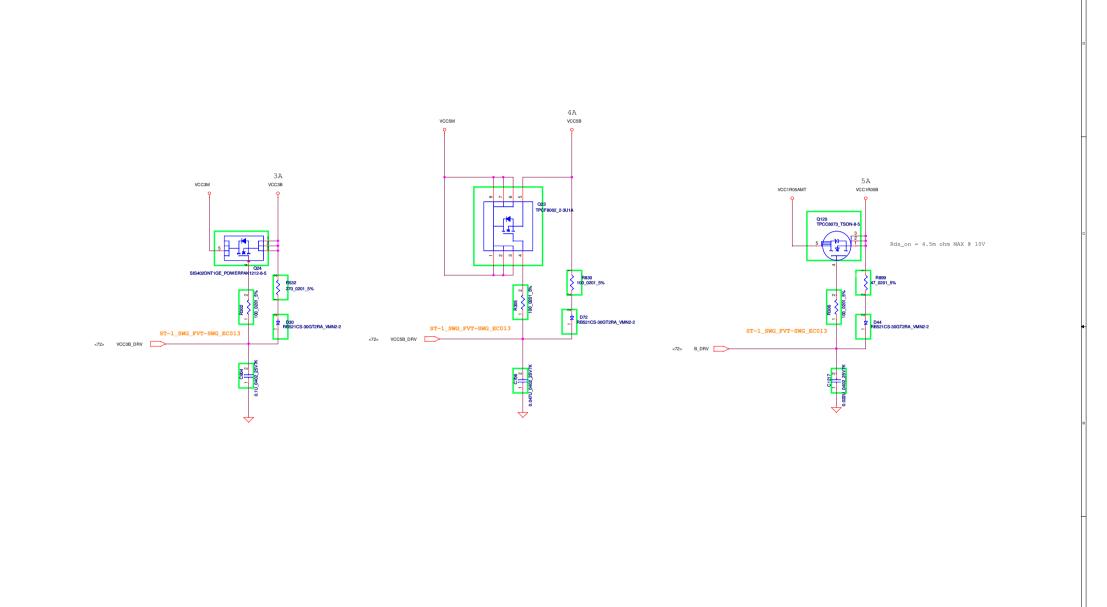
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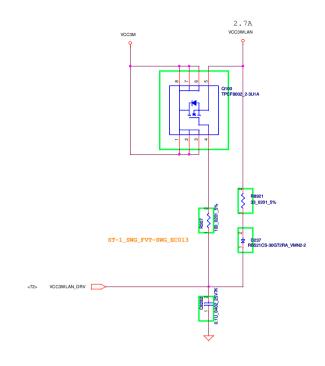
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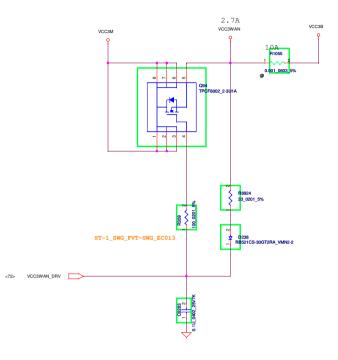
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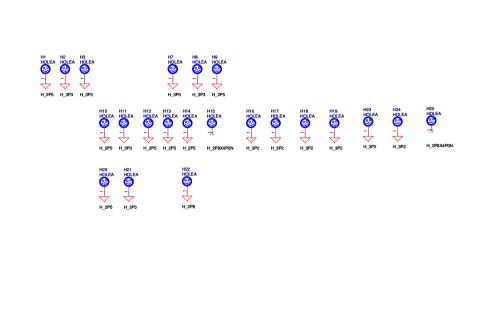
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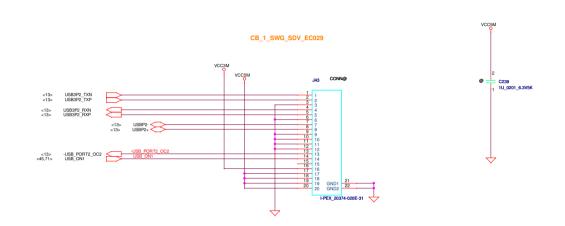


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