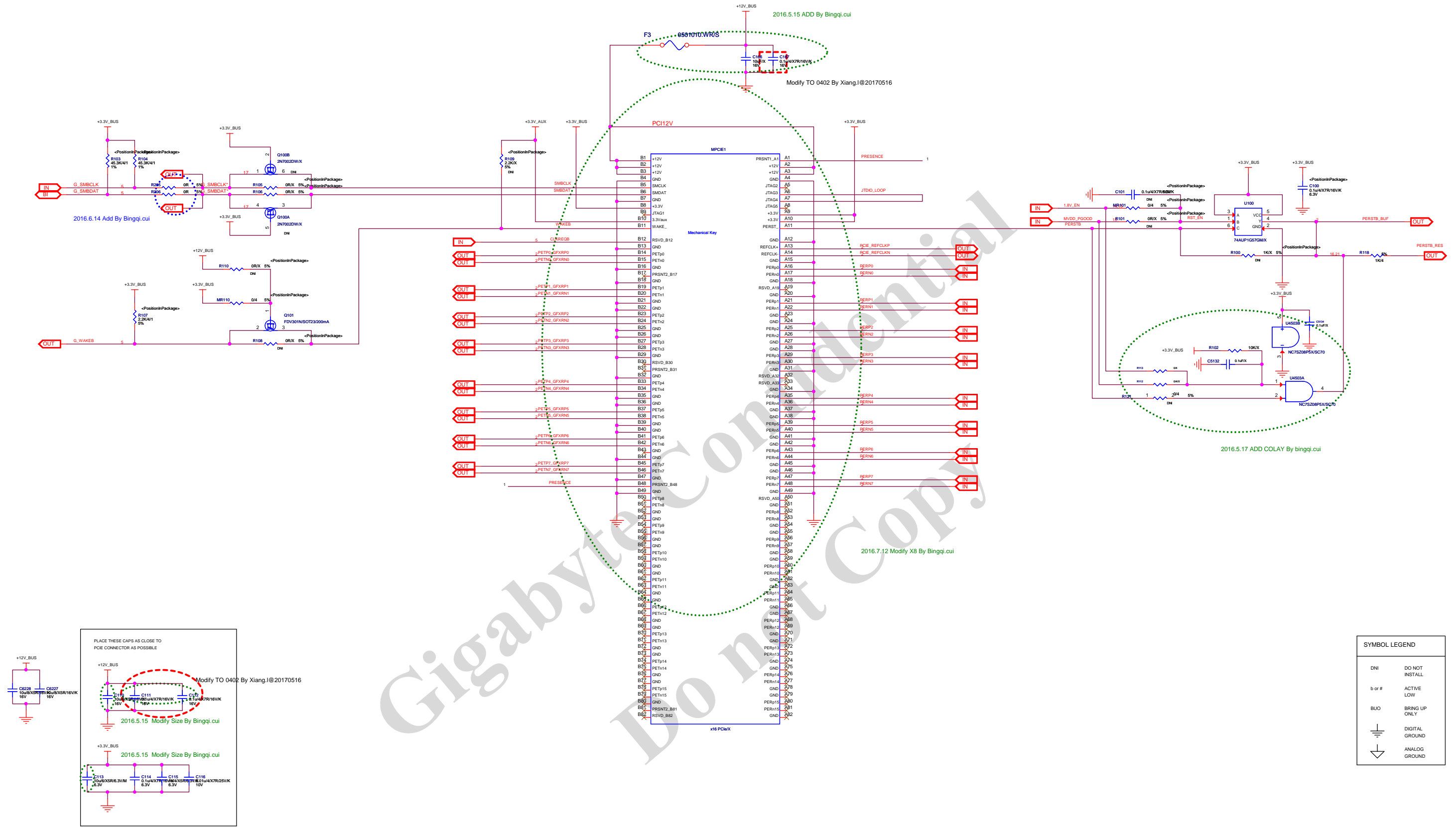
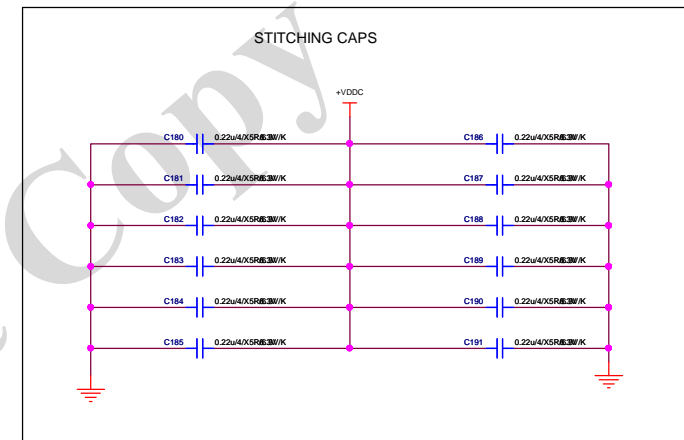
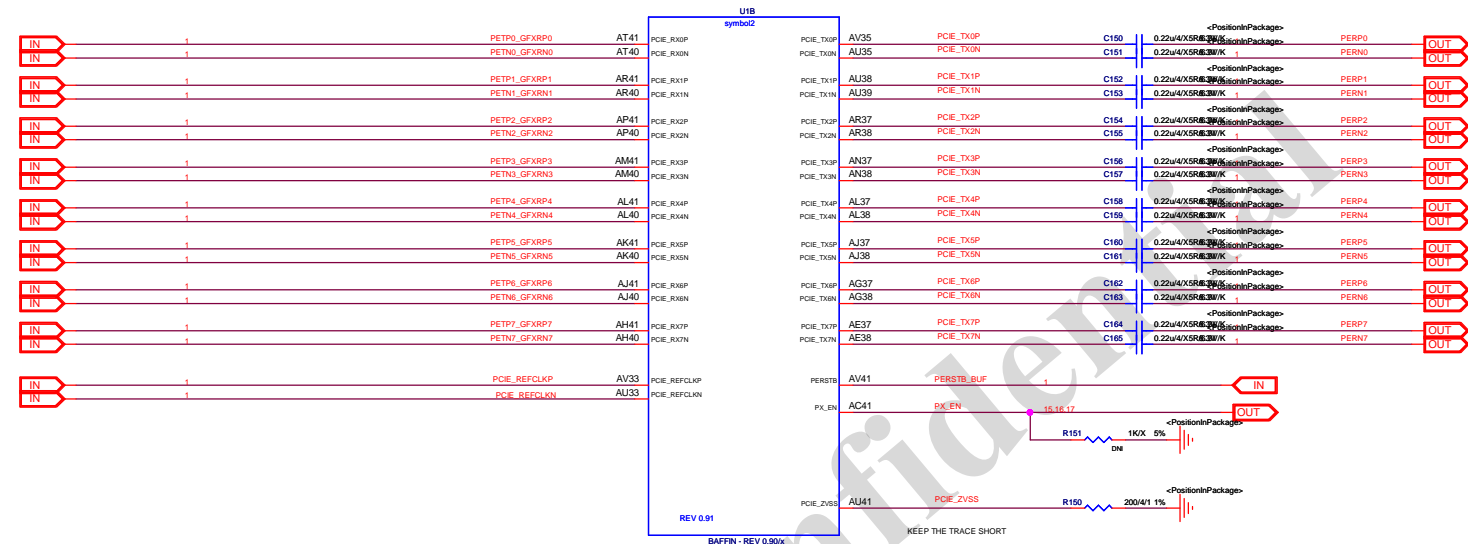


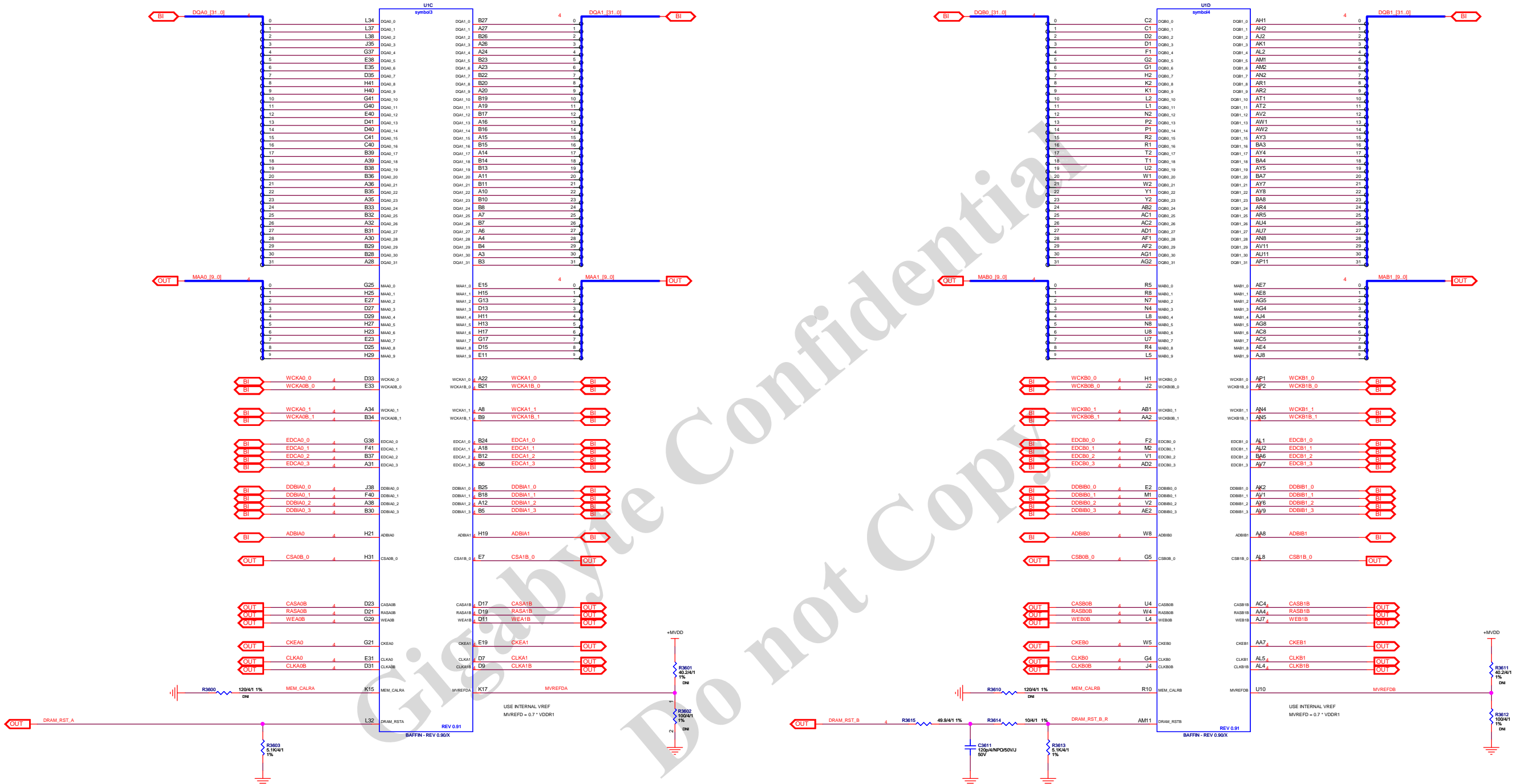
(1) PCIE EDGE CONNECTOR



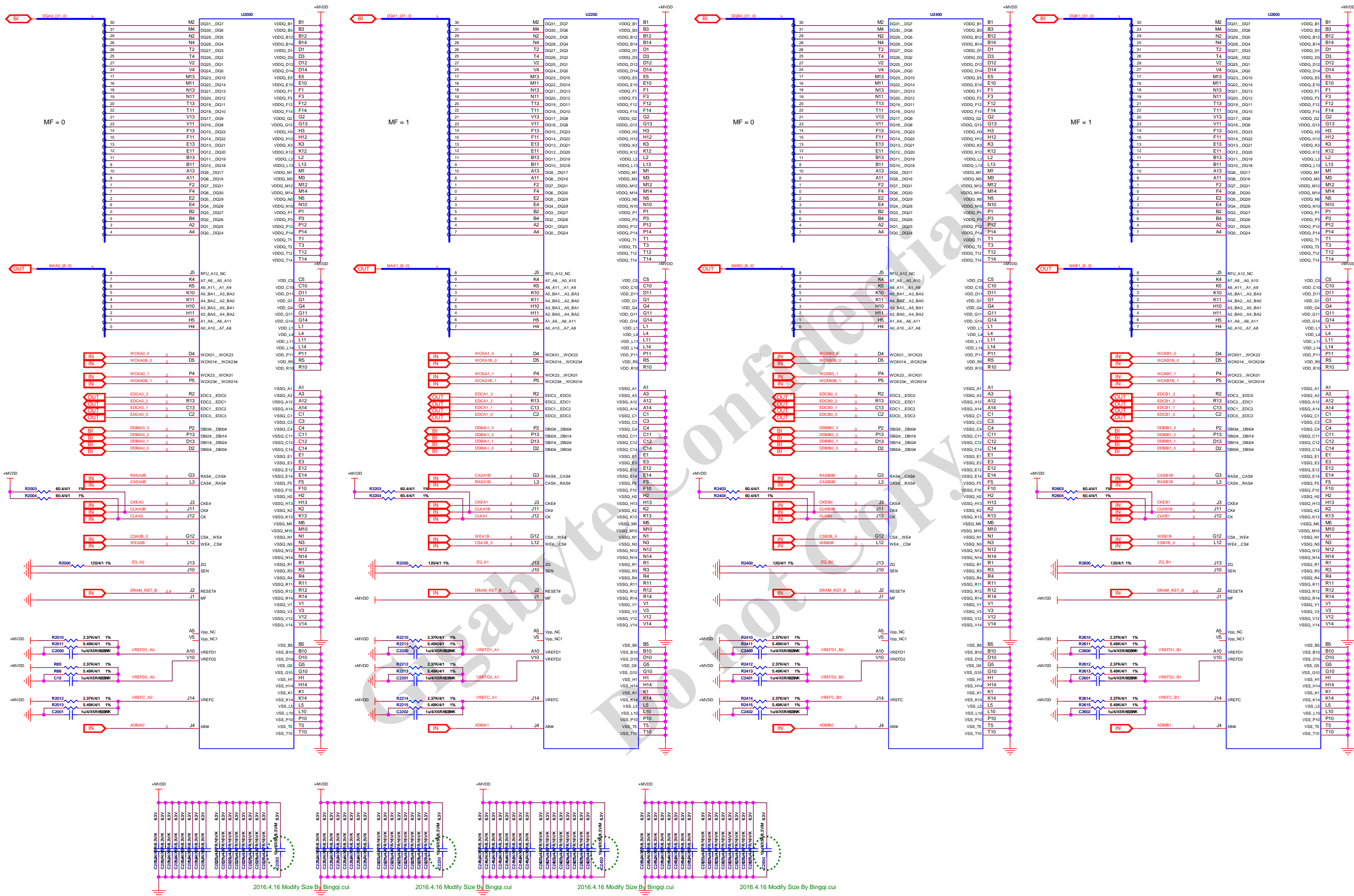
(2) BAFFIN PCIE



(3) RACERX MEMORY INTERFACE



(4) GDDR5 CHAB x32



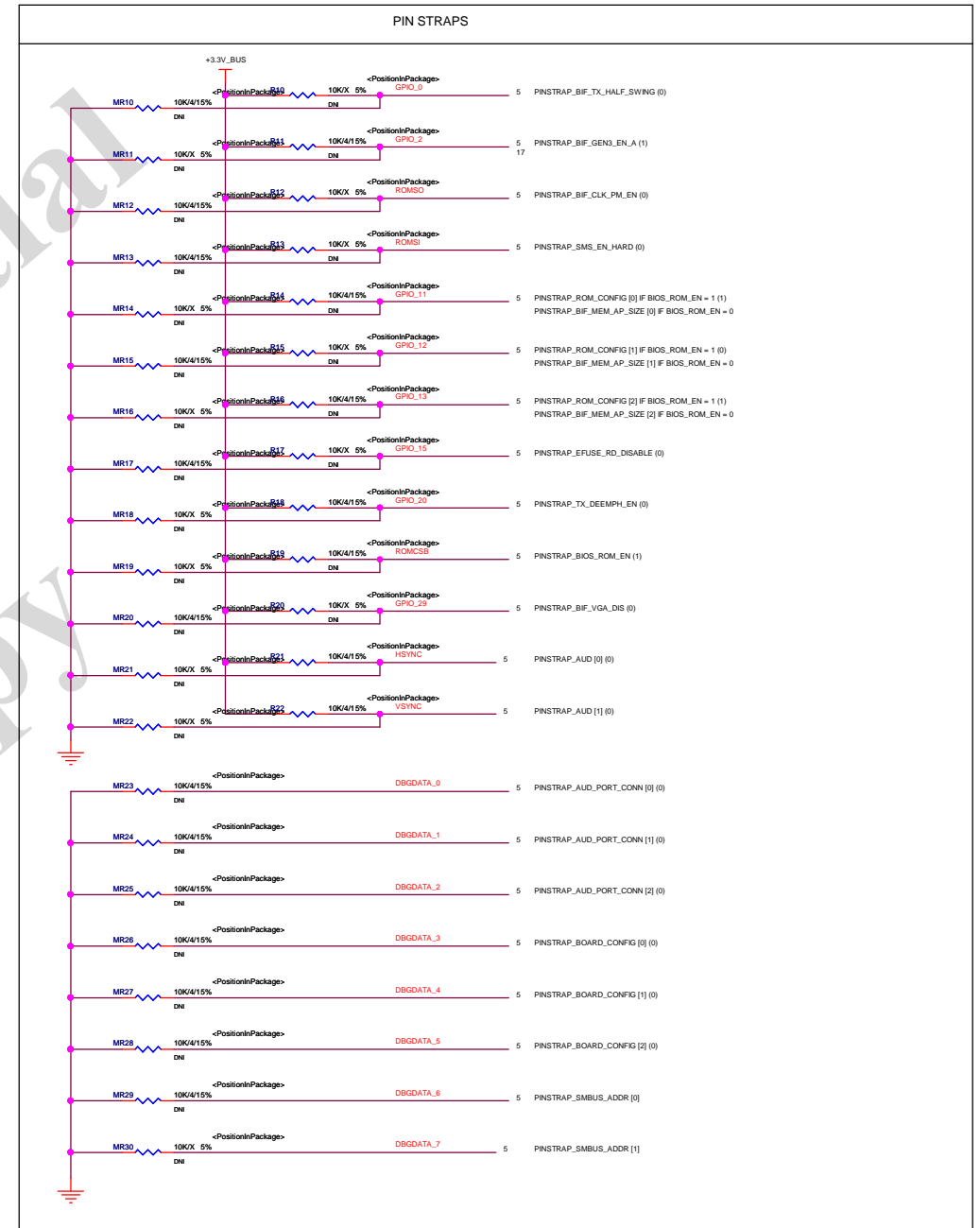
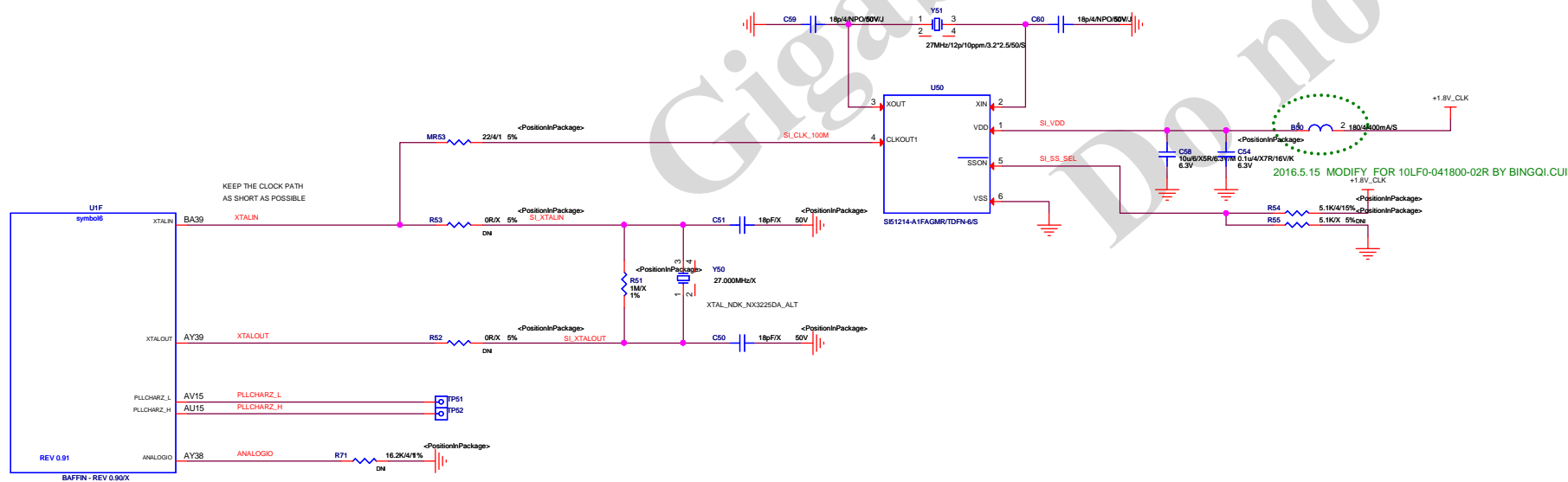
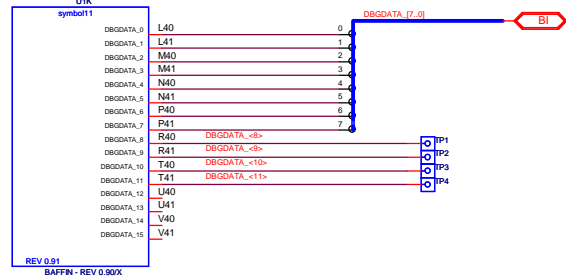
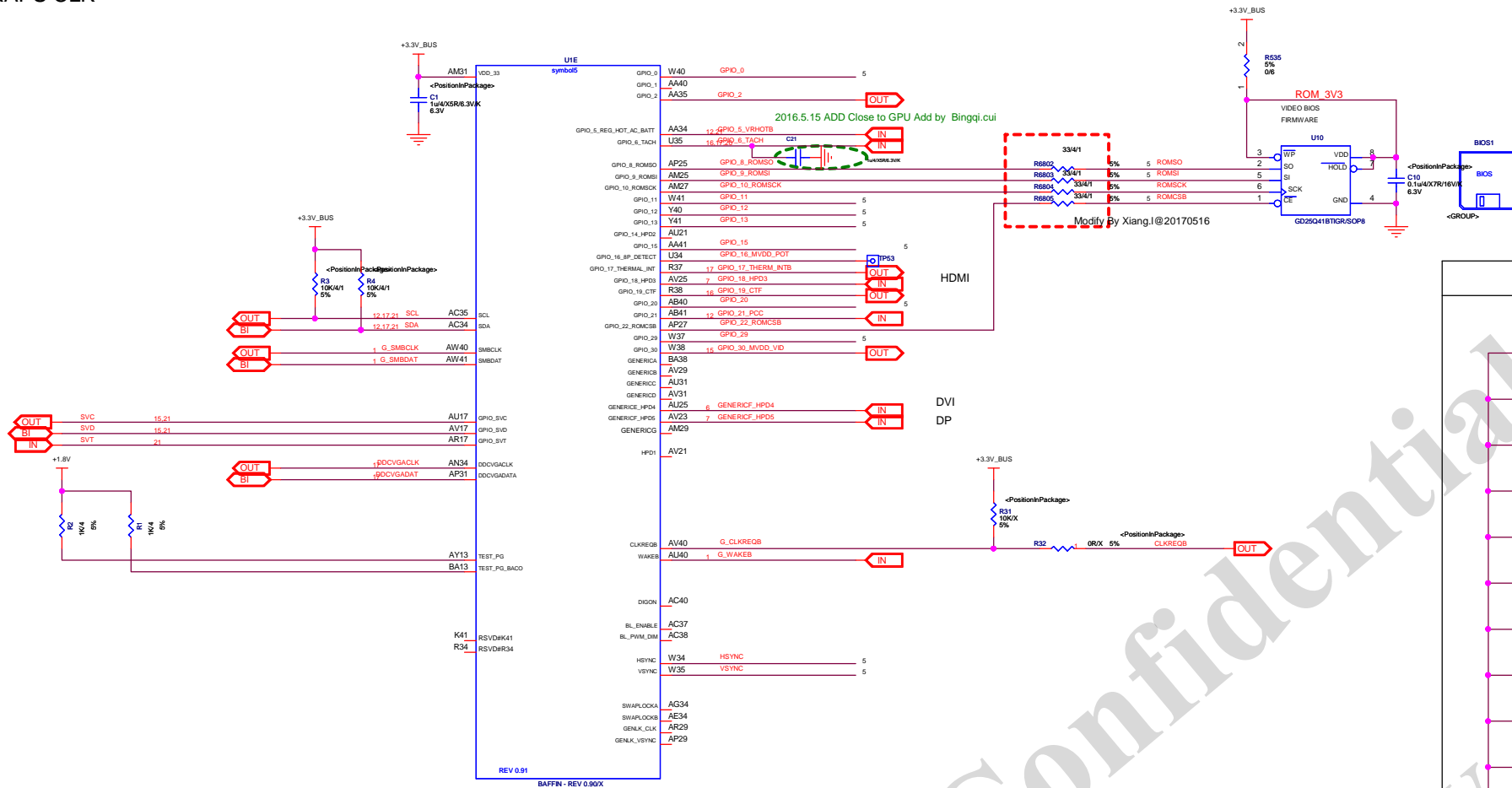
(5) BAFFIN GPIO STRAPS CLK

SCL/SDA

DEVICE	ADDRESS
AD5274	0x5C
RT9403	0x62
VTMM II	

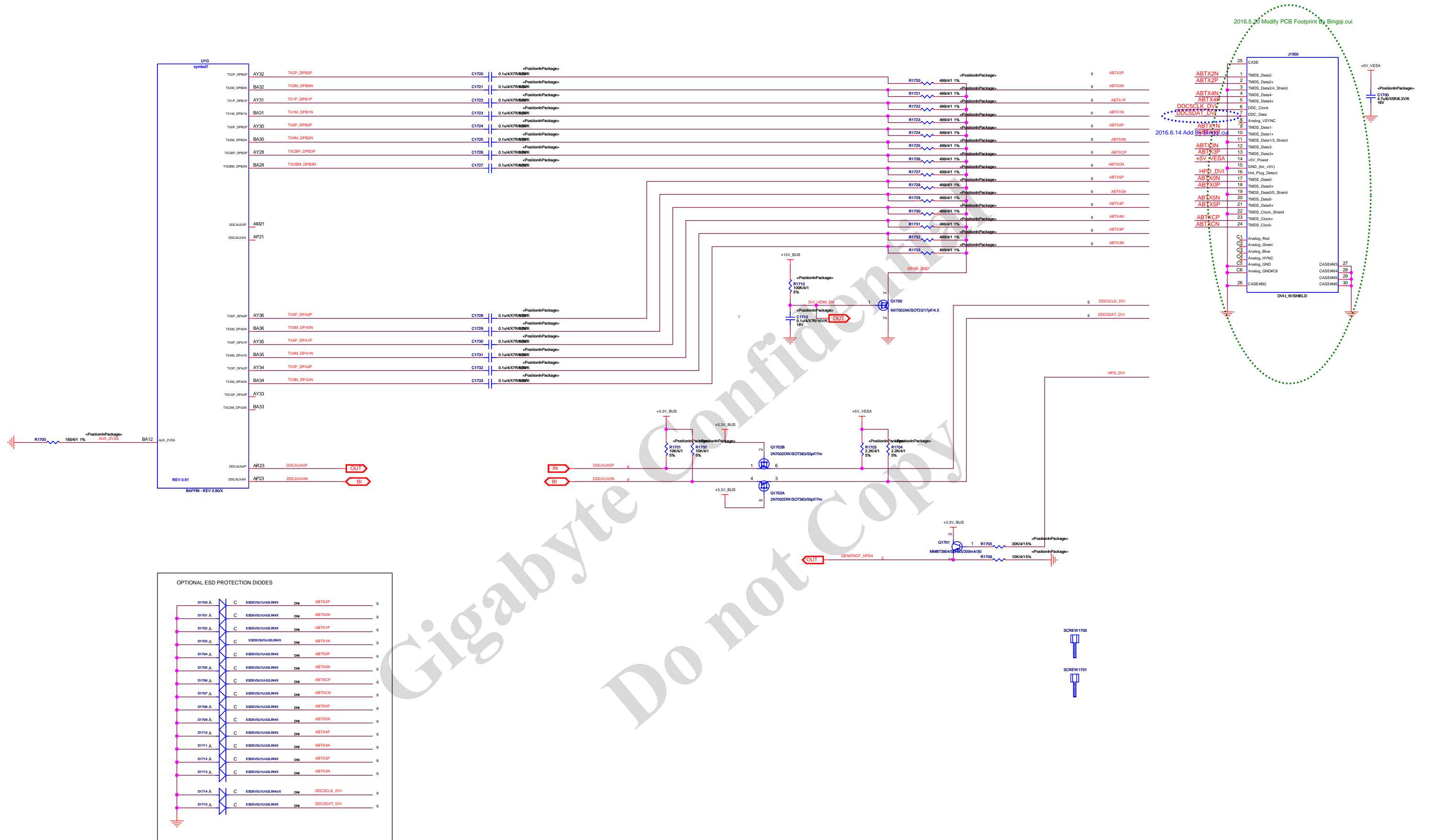
DDCVGACLK/DAT

DEVICE	ADDRESS
LM96063	0x98



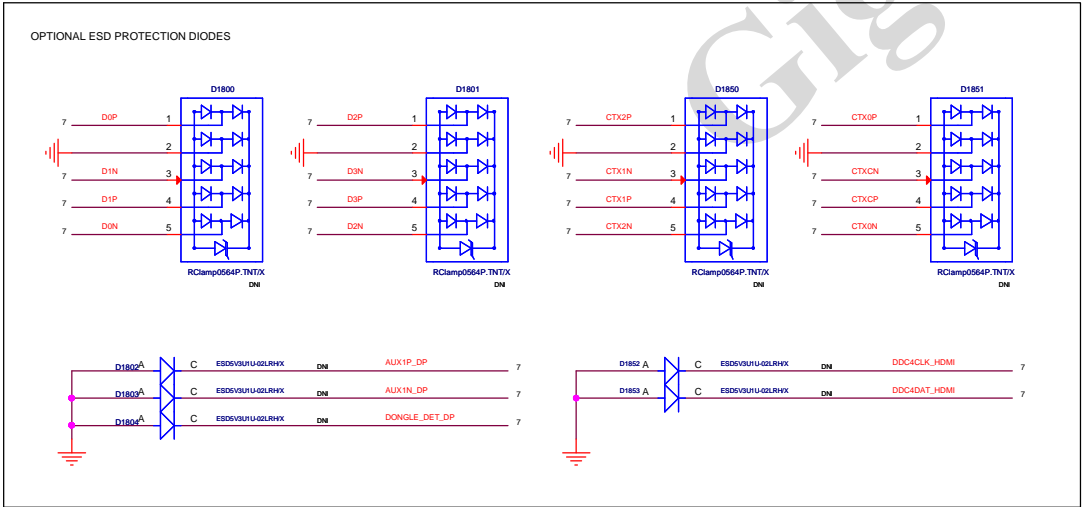
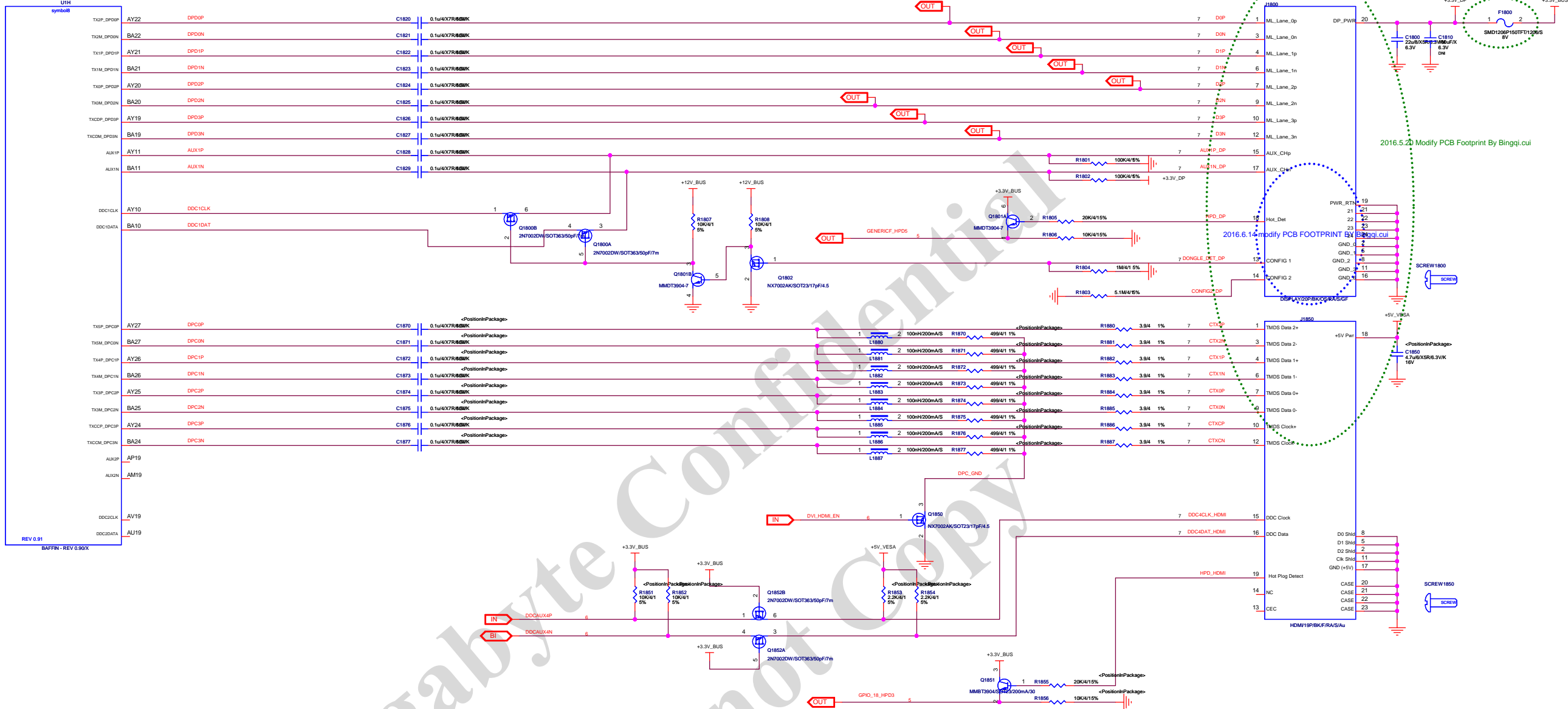
Title			
GV-RX5600C-4GD			
Size	Document Number	Rev	
Custom	BAFFIN GPIO STRAPS CLK	2.0	
Date:	Wednesday, November 01, 2017	Sheet	5 of 22

(6) BAFFIN TMDPAB - dDVI

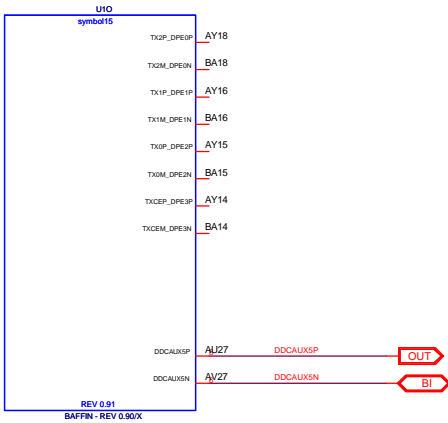


Title			
GV-RX560OC-4GD			
Size	Document Number	Rev	
Custom	BAFFIN TMDPAB - dDVI	2.0	
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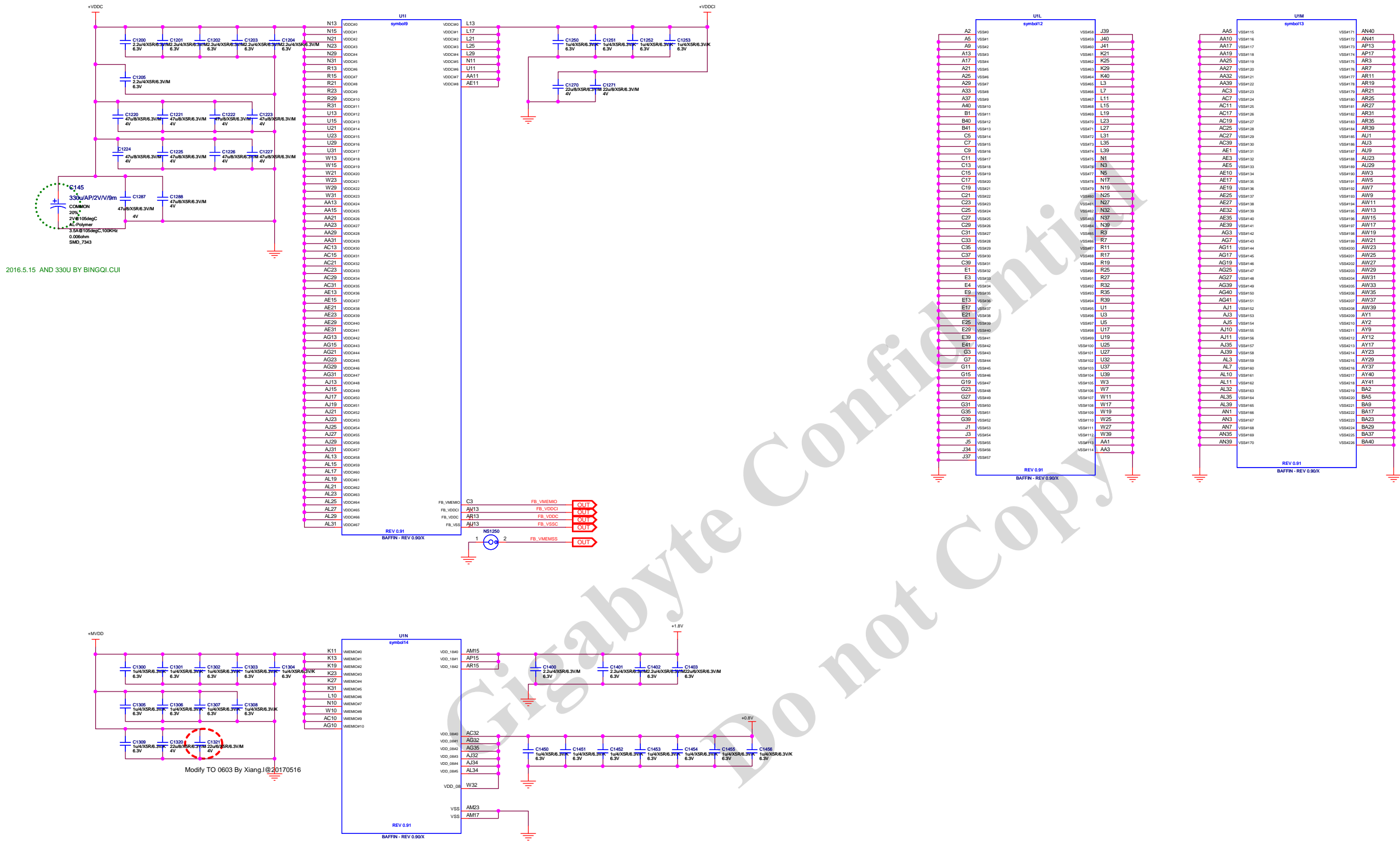
(7) BAFFIN TMDPCD - HDMI DP

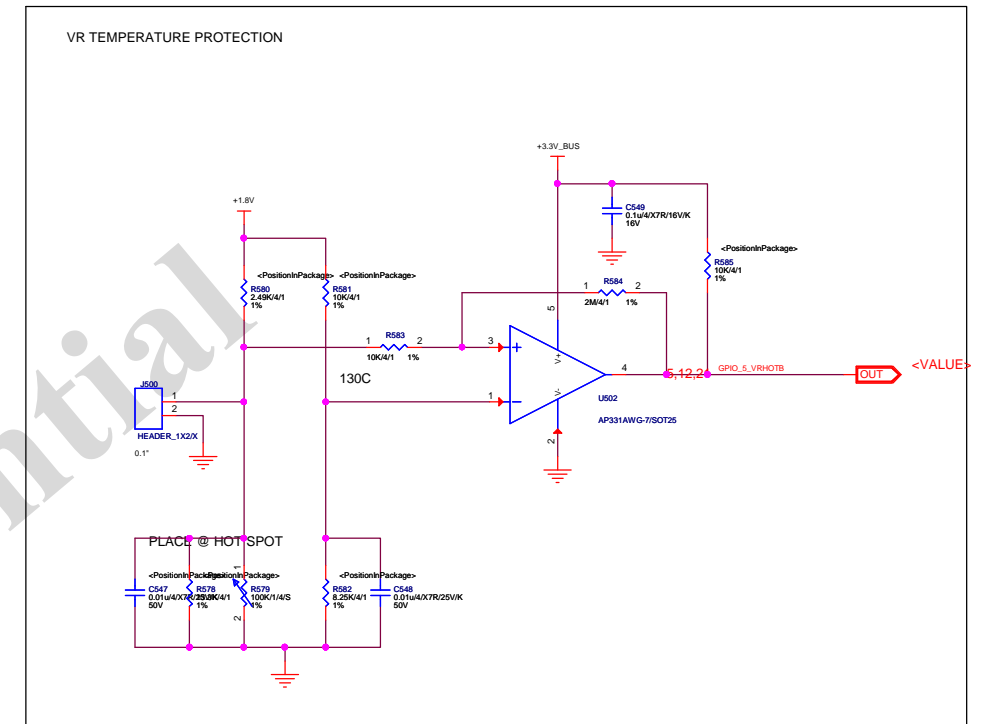
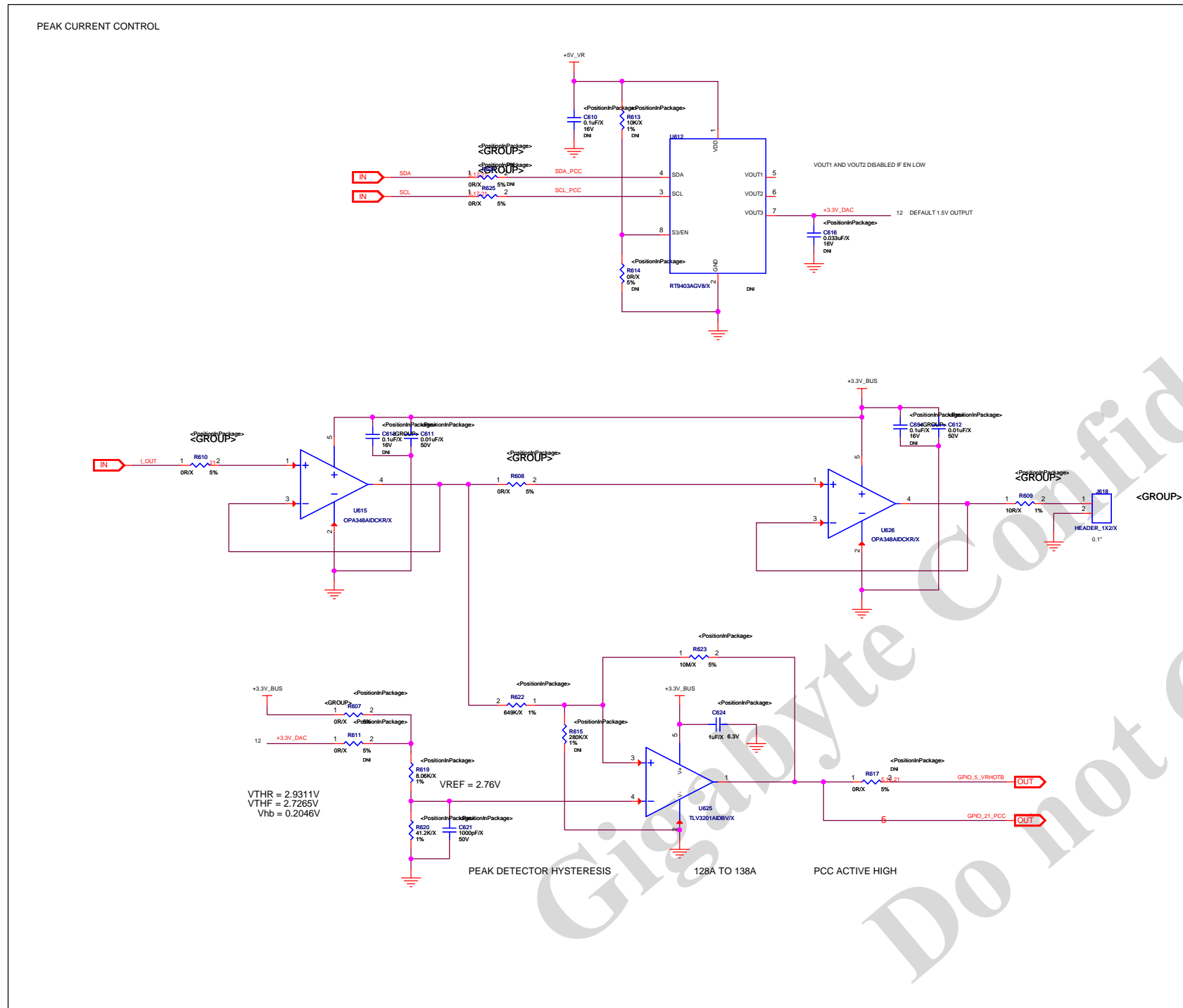


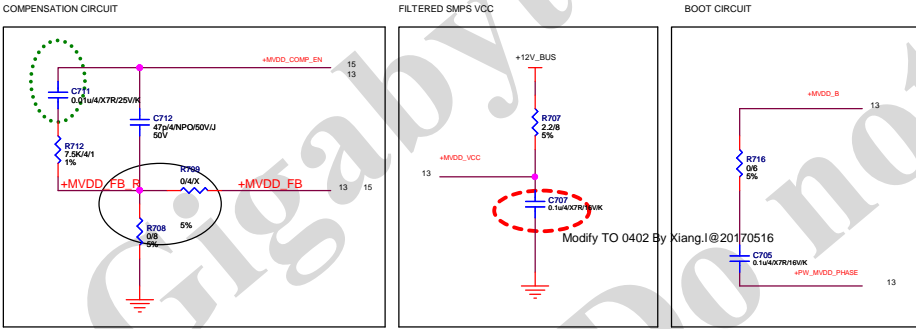
Title									
GV-RX5600C-4GD									
Size	Document Number								Rev
Custom	BAFFIN TMDPCD - HDMI DP								2.0
Date:	Wednesday, November 01, 2017		Effect:	7 of 23					



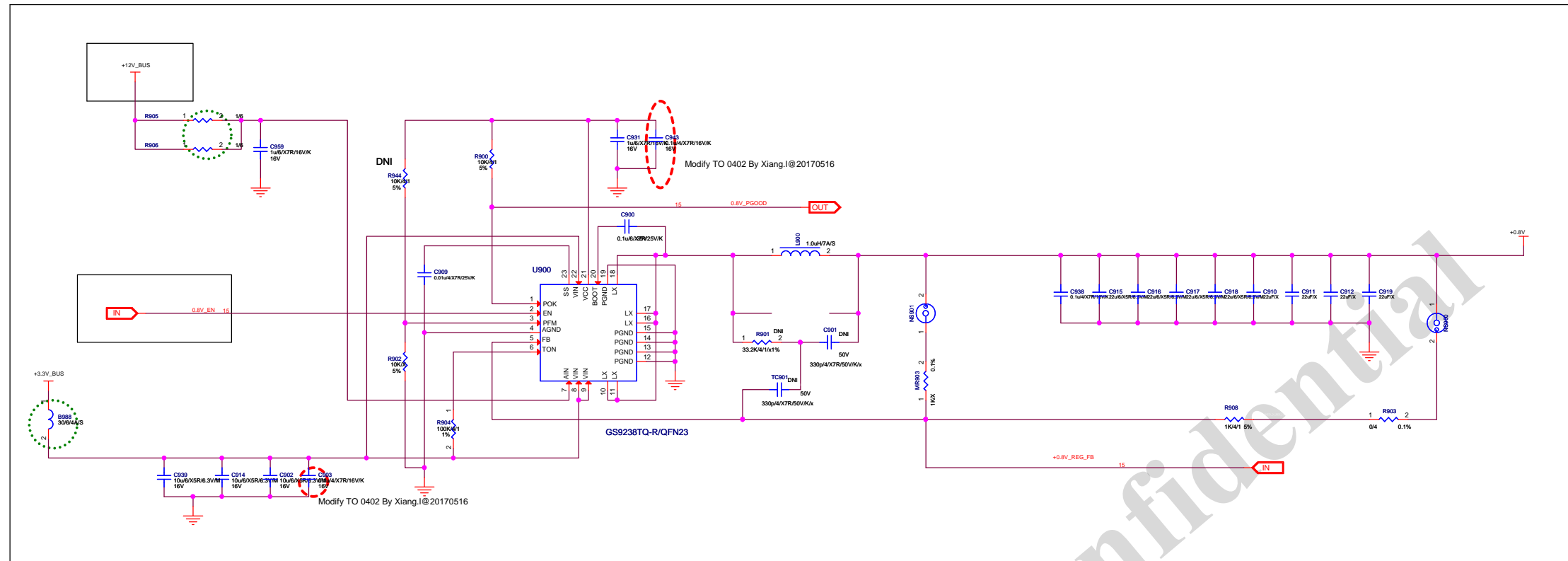
(9) BAFFIN POWER GND





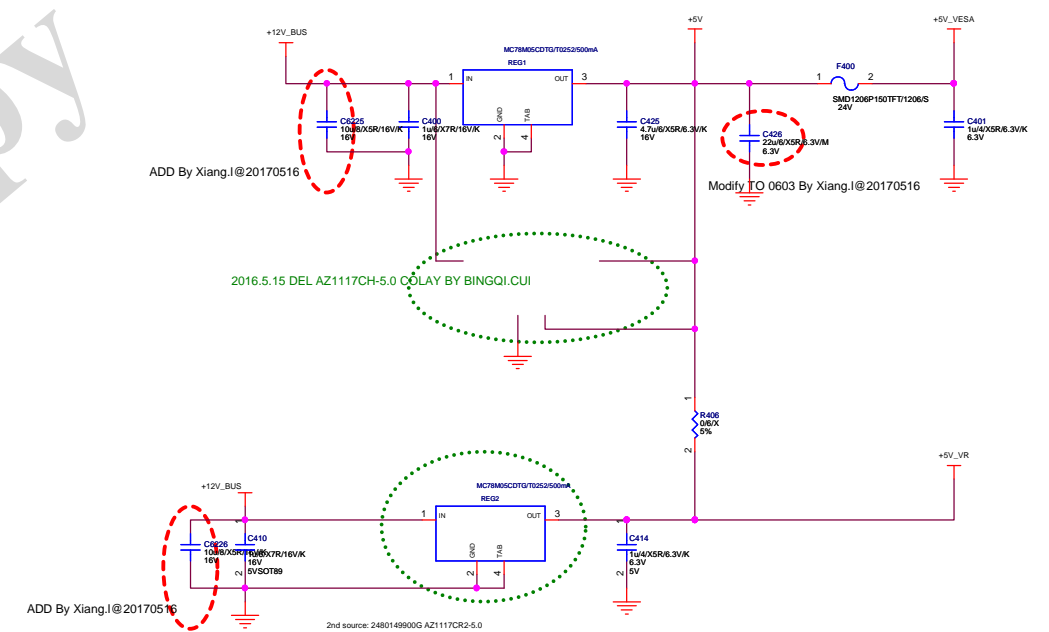
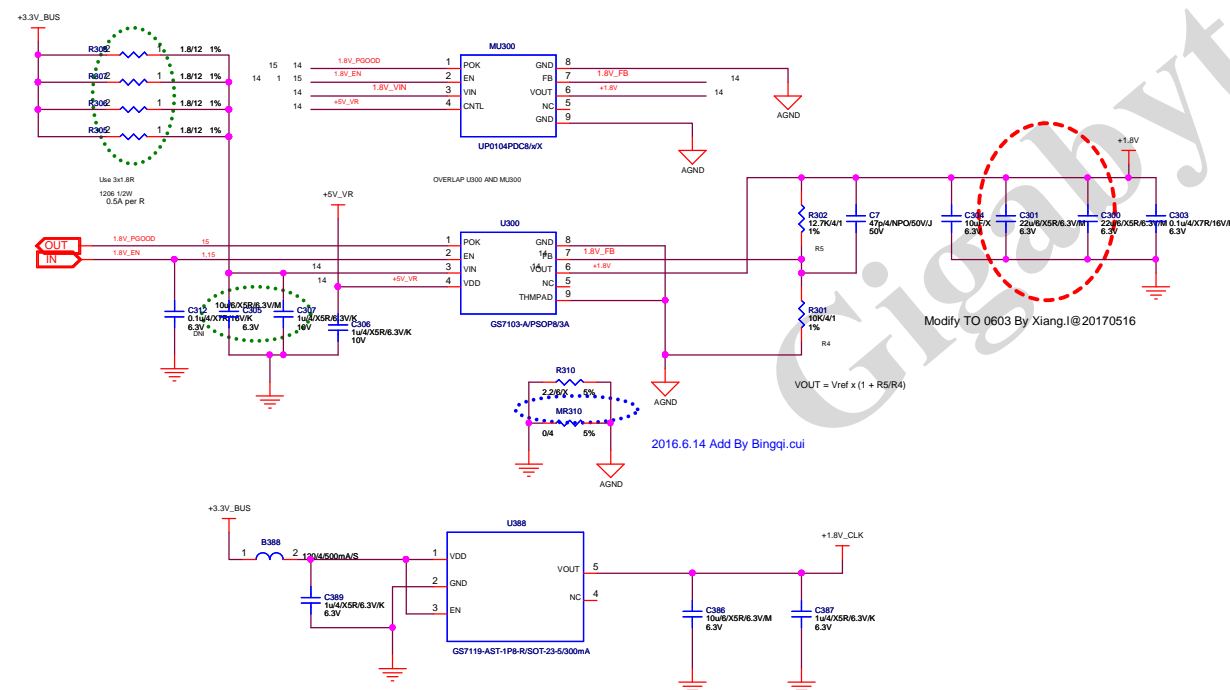


(19) 0.8V

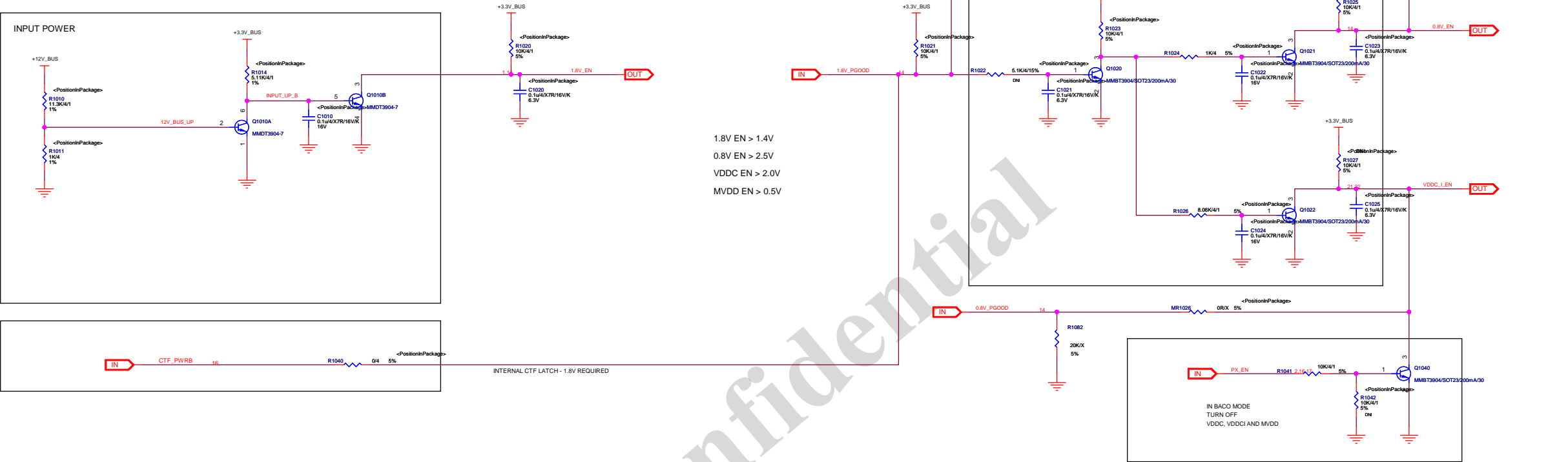


REGULATOR FOR +5V RAILS
IOUT MAX = 150mA

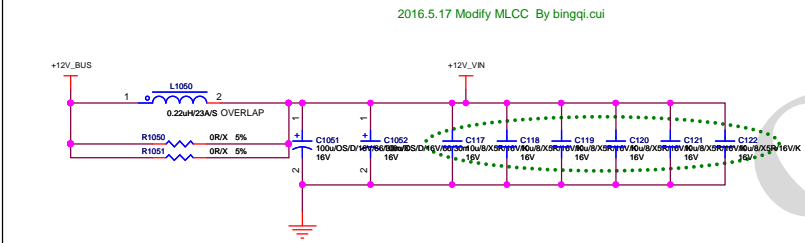
LDO #1: VIN = 3.0V TO 3.6V MAX VOUT = +1.8V +/- 2% IOUT = 1.3A RMS MAX
PCB: 50 TO 70mm SQ. COPPER AREA FOR COOLING



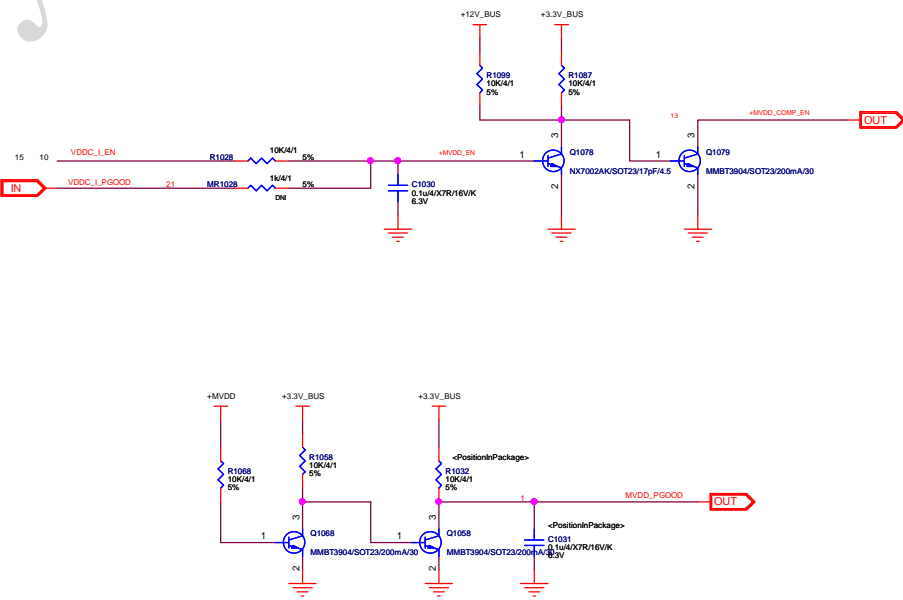
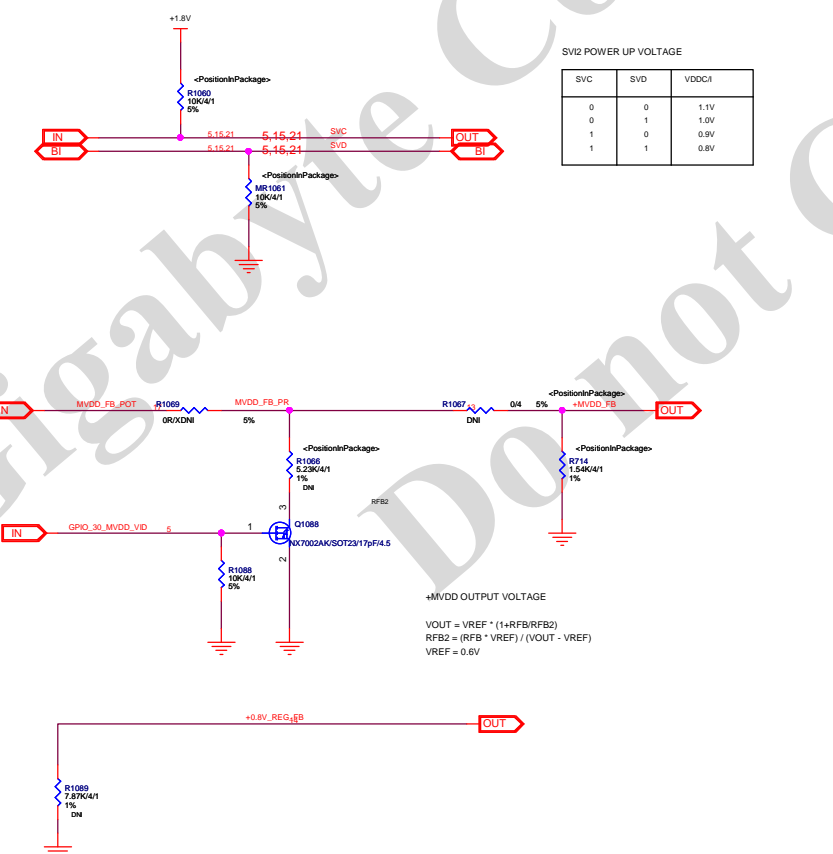
Title				
GV-RX560OC-4GD				
Size	Document Number			Rev
Custom	0.8V REG			2.0
Date:	Wednesday, November 01, 2017	Sheet	14 of 22	



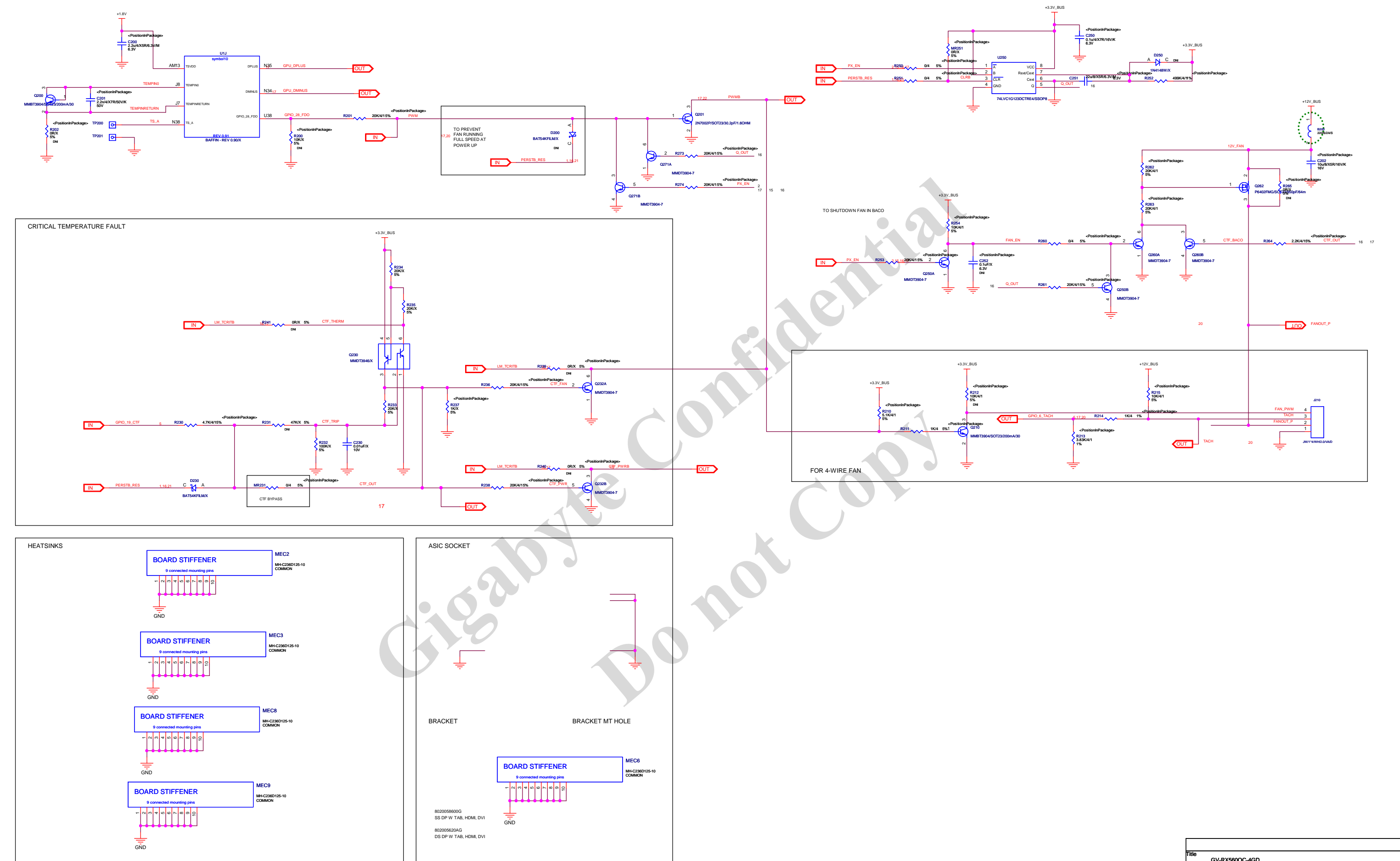
INPUT FILTER



VOLTAGE CONTROL

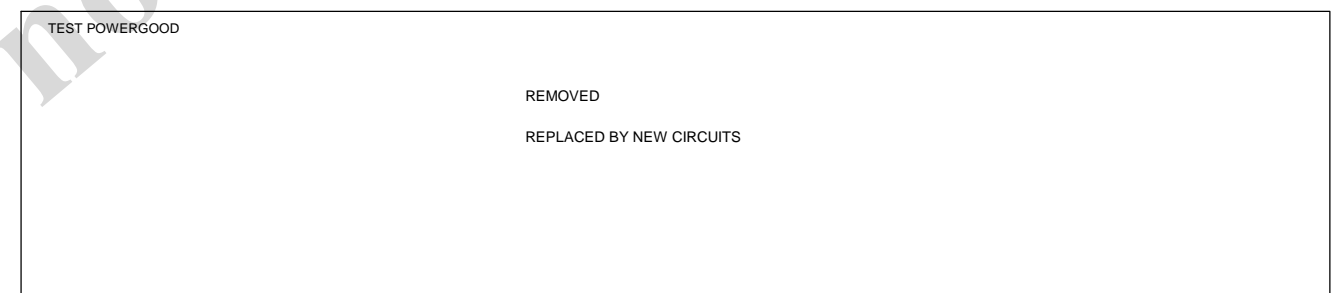
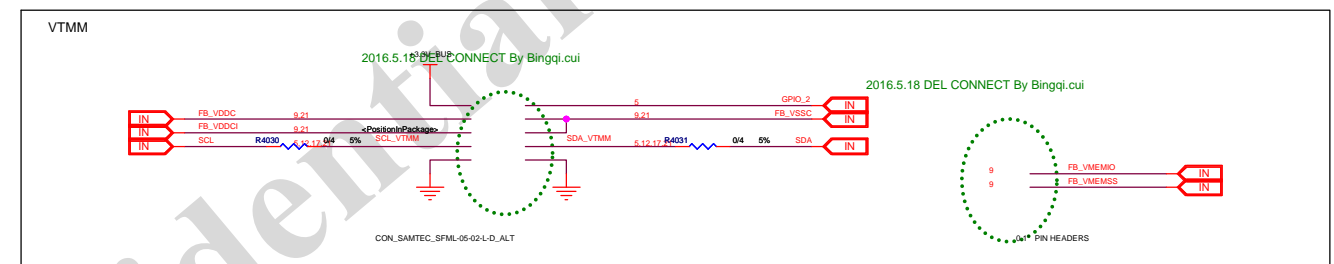
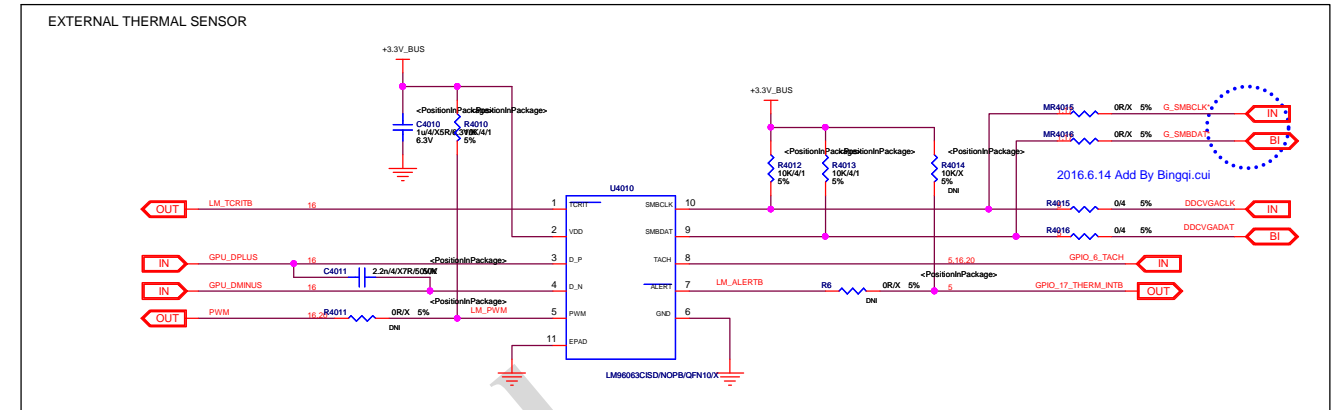
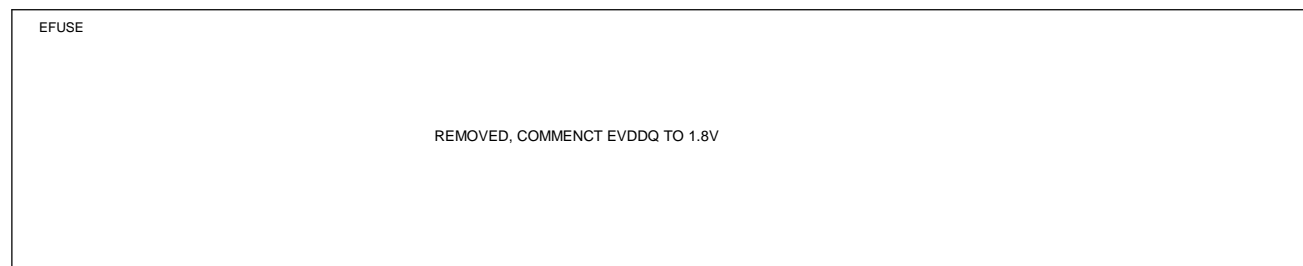
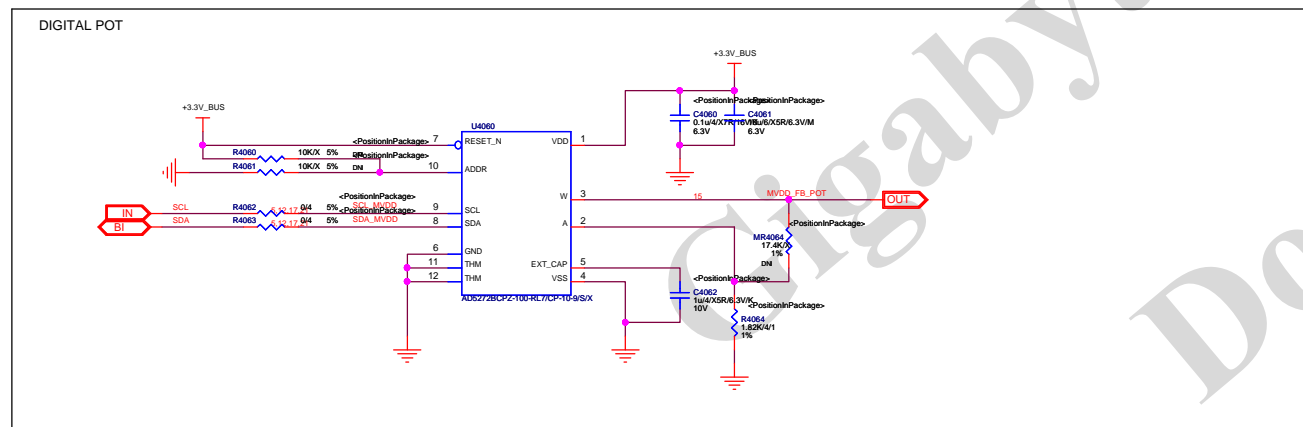
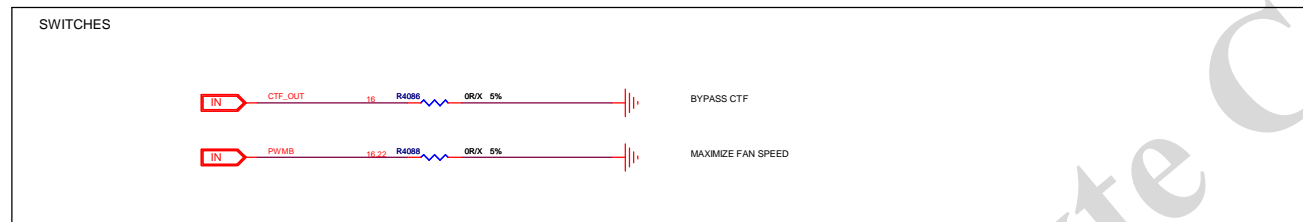
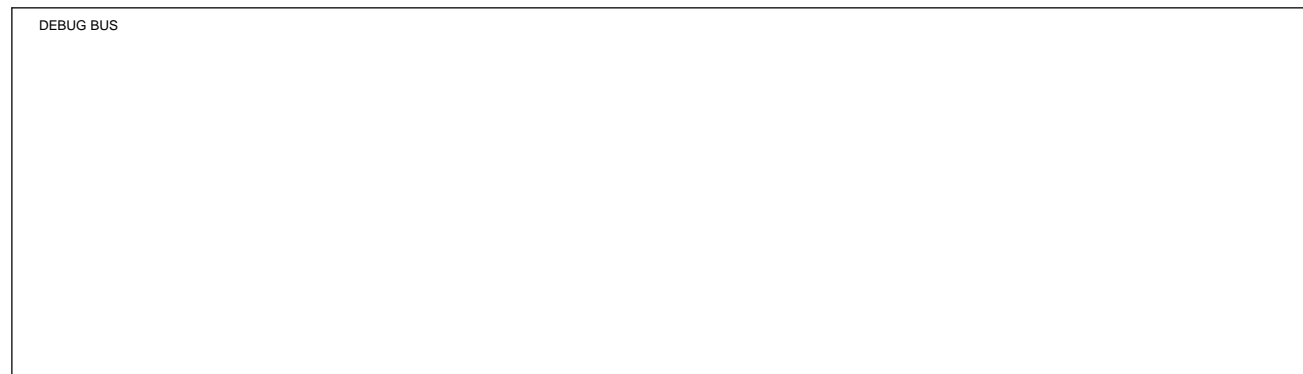
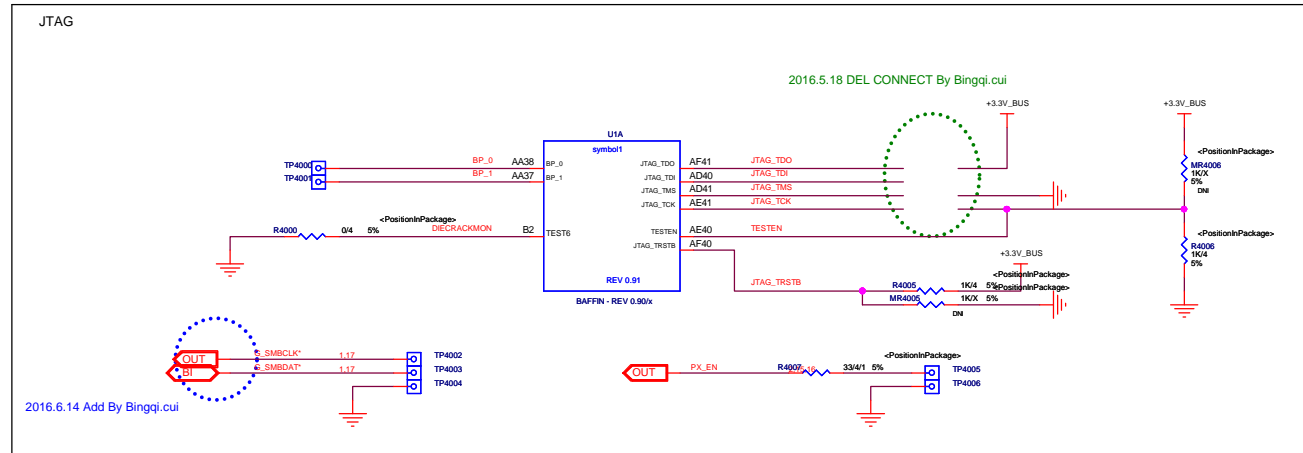


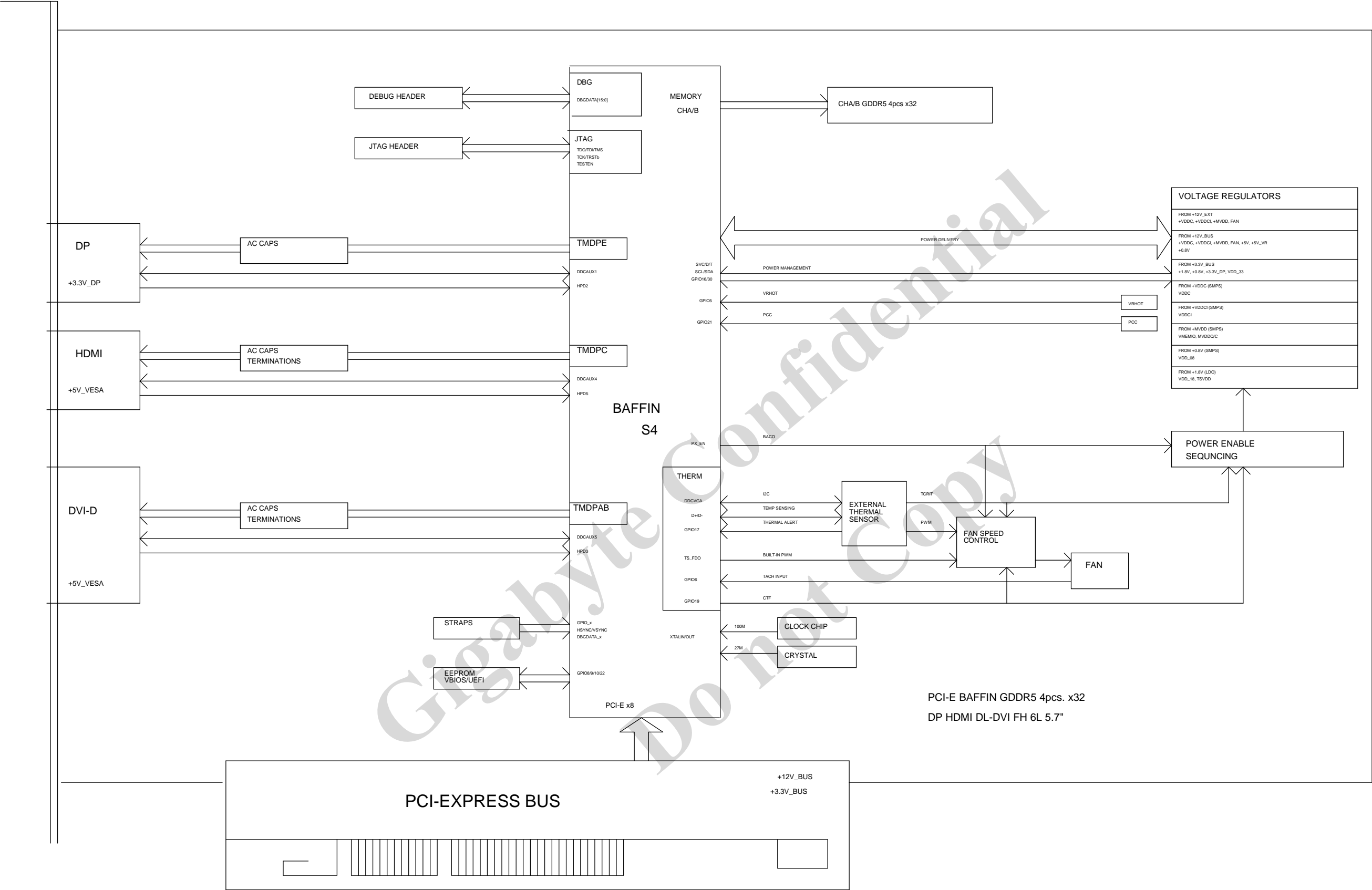
(17) THERMAL MANAGEMENT



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GV-RX560C-4GD				
Size	Document Number			Rev
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(18) DEBUG CIRCUITS

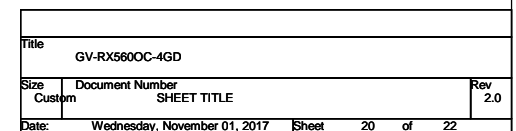
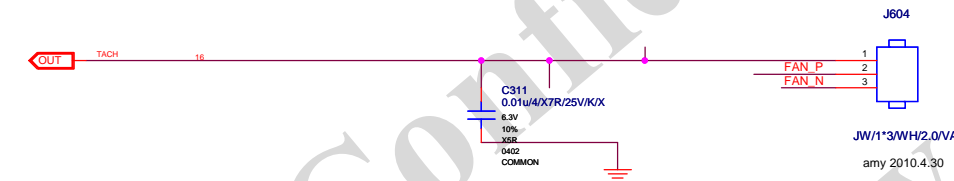
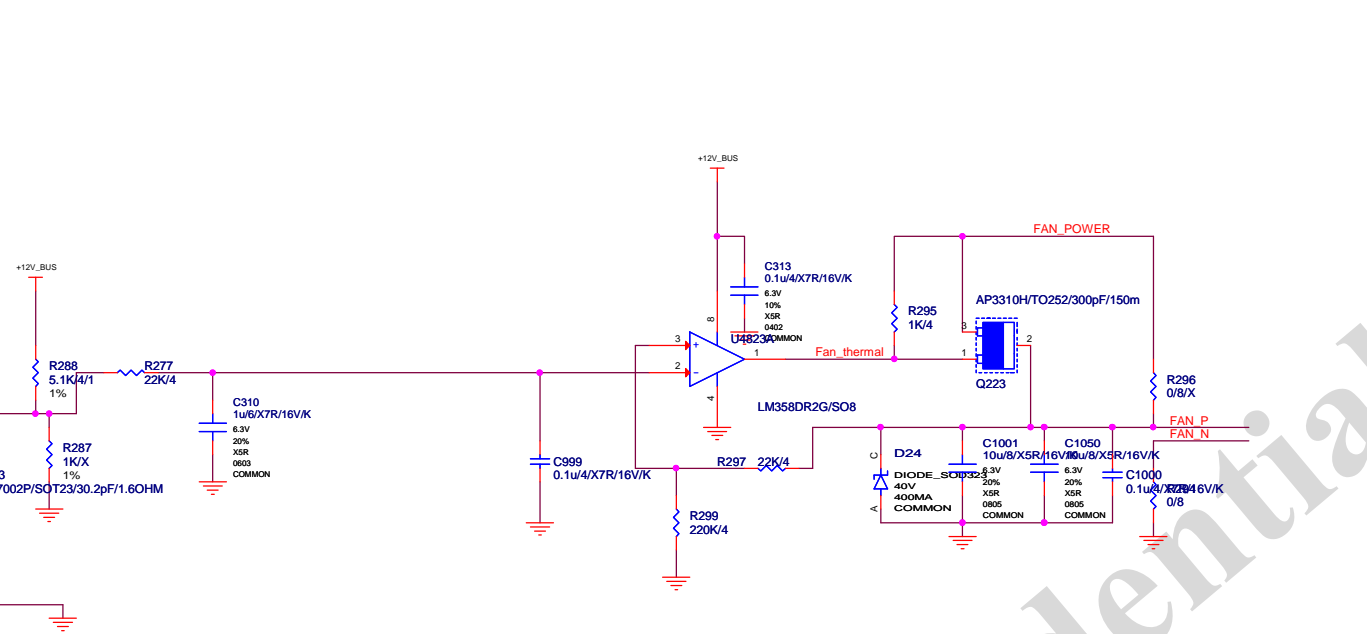




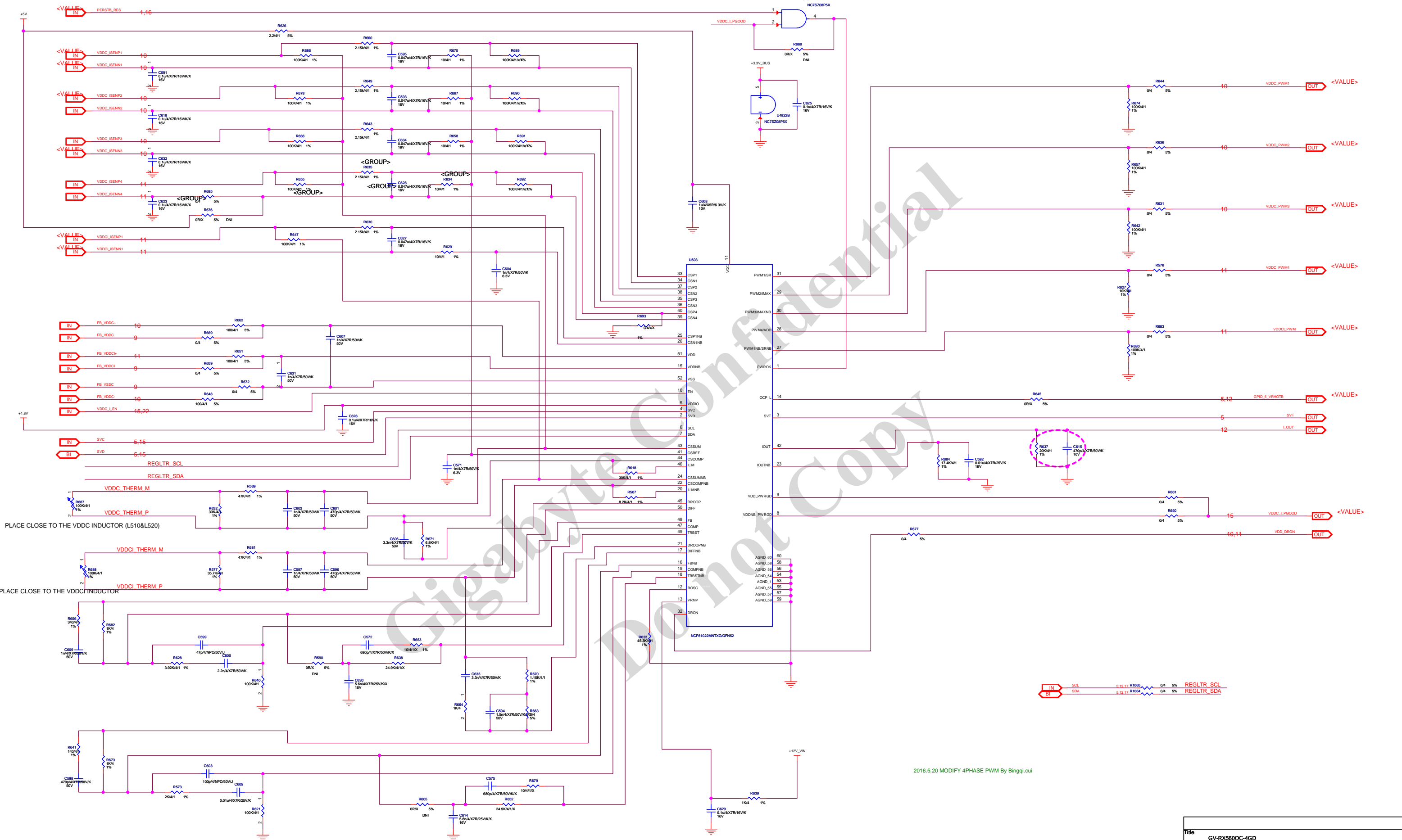
0	00A	10/12/2015	INITIAL DESIGN
1	00B	12/29/2015	Add 1.8V LDO for CLK GEN, Add 100MHz CLOCK option Change 0.8V power good pull_up

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Title			
GV-RX560OC-4GD			
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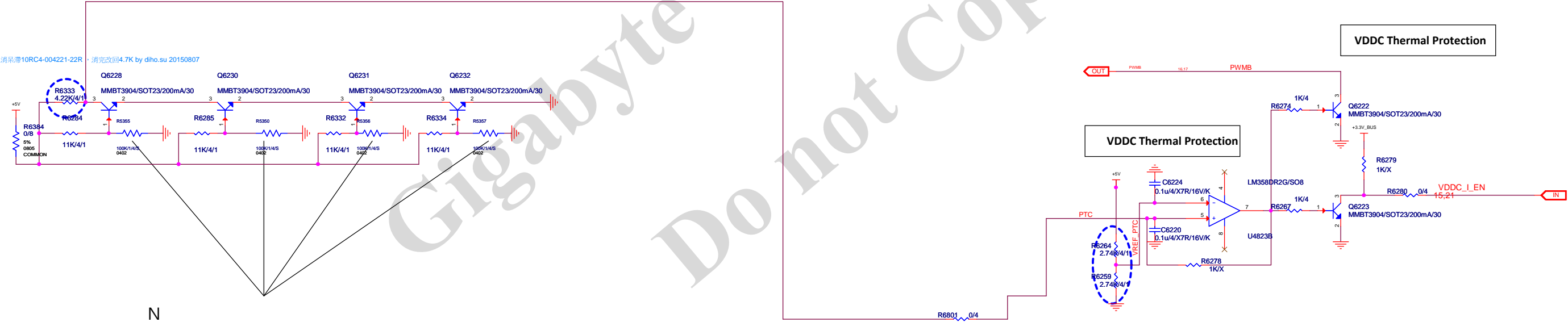
(14) VDDGFX/VDDC CNTL



2016.5.20 MODIFY 4PHASE PWM By Bingqi.cu

Title			
GV-RX560C-4GD			
Size	Document Number		Rev
Custom	VDDC/VDDCI PWM		2.0
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2016. 5. 15 Add MOS VRHOT CIRCUIT BY BINGQI.CUI



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Title		
GV-RX560C-4GD		
Size	Document Number	Rev
Custom	MOS	2.0
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