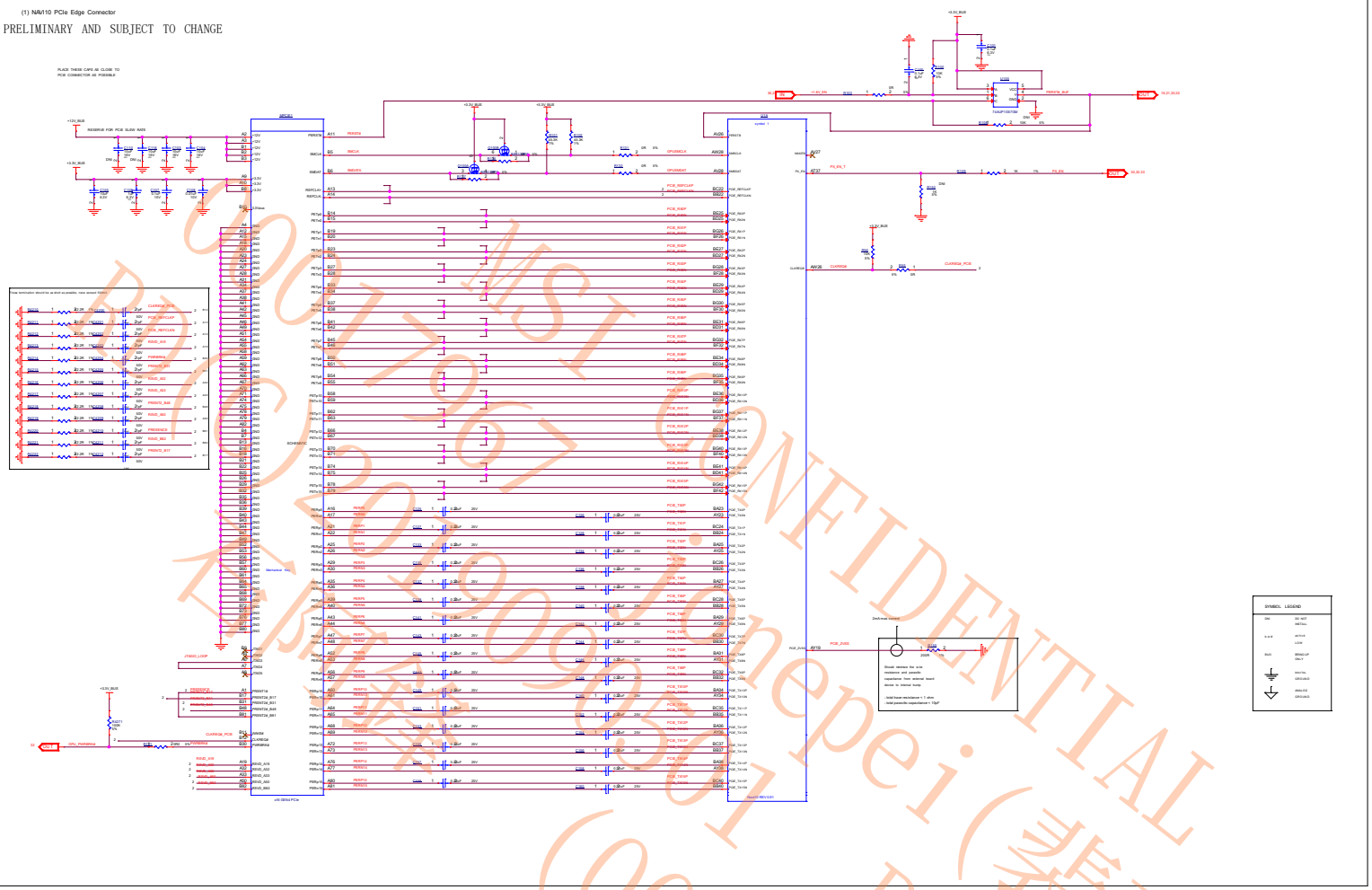
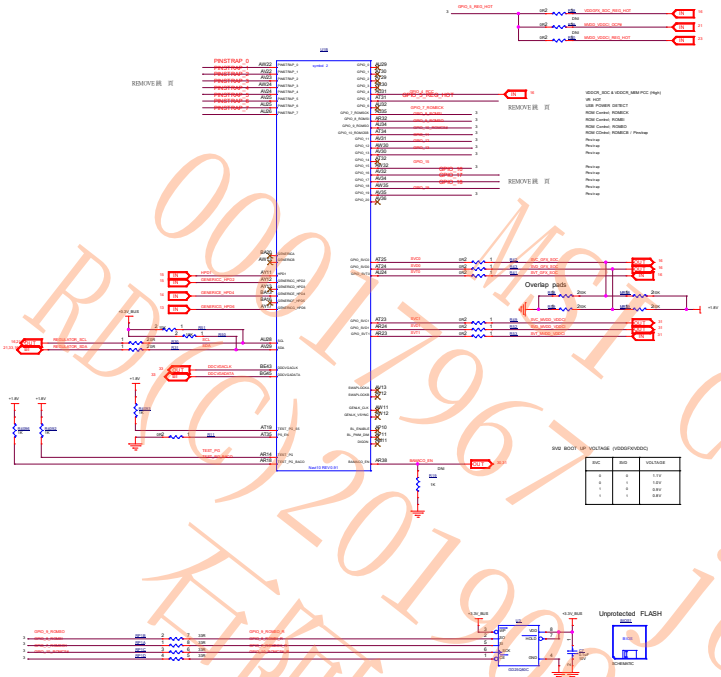
PRELIMINARY AND SUBJECT TO CHANGE

TABLE OF CONTENTS

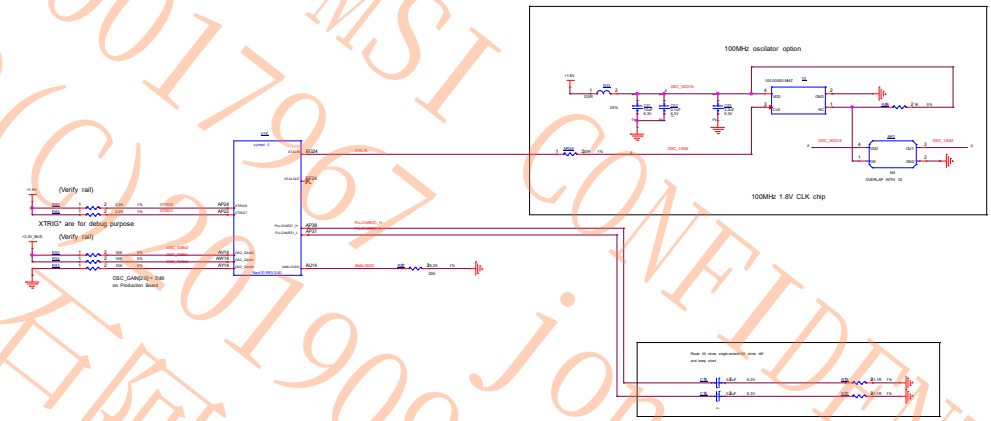
PRELIMINARY AND SUBJECT TO CHANGE

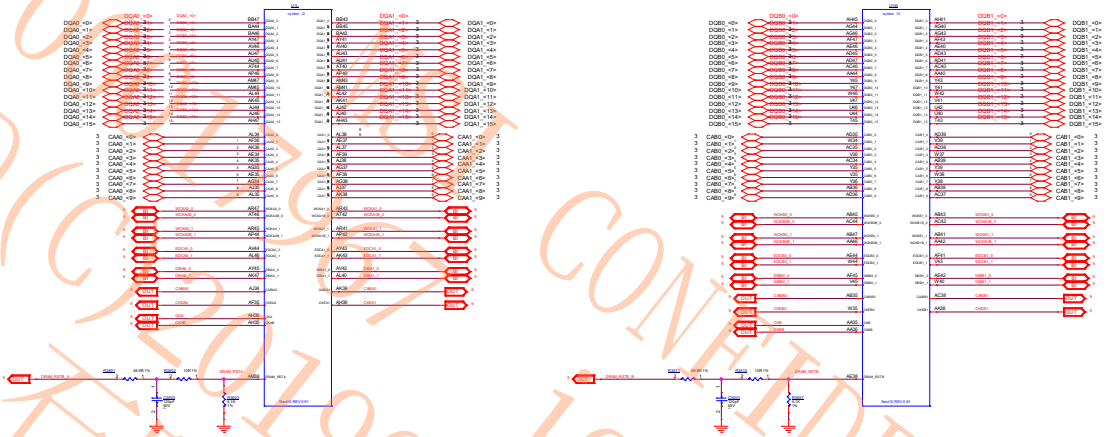




Note: Internal PU/PD at GPIO pad is ~40k
ohm(with in 14nm design spec

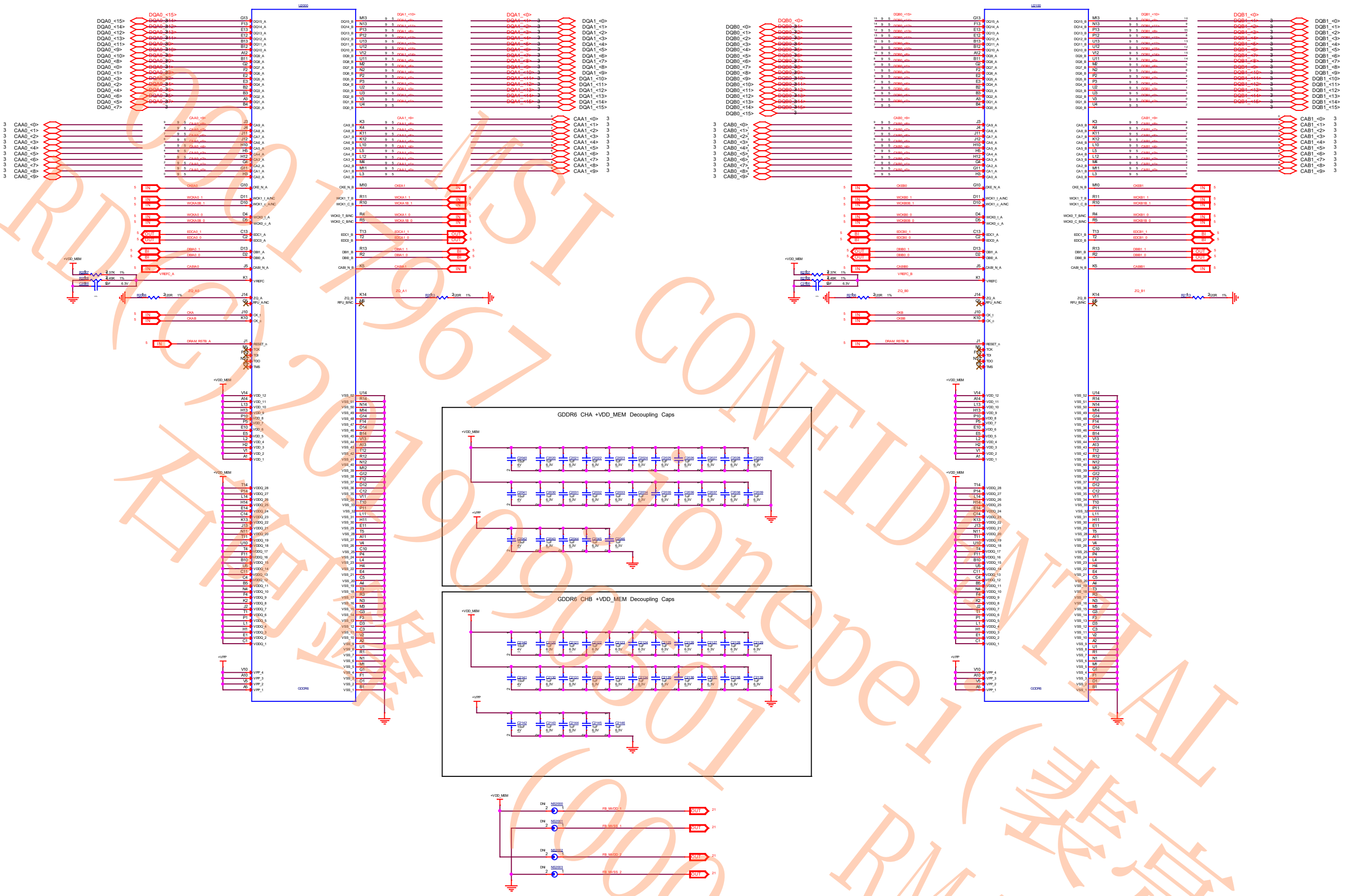
User		Internal Default Value	Definition
BIF		0	STRAP_BIF_GEN4_DIS_A 0: PCIe GEN 4 supported 1: PCIe GEN 4 not supported
		0	PINSTRAP_BIF_CLK_PM_EN 0: CLKREQ# pin-w management capability is disabled 1: CLKREQ# pin-w management capability is enabled
		0	PINSTRAP_BIF_LC_TX_SWING
		0	PINSTRAP_BIF_VGA_DIS 0: VGAcontroller reportly enabled 1: The device wou1ldbe recognized as the system's VGAcontroller
DCE		0 0 0	PINSTRAP_AUID_PORT_CONN[2:0] Number of audio-capable display outputs 0: All endpoints connected 1: 5 endpoints connected 2: 4 endpoints connected 3: 3 endpoints connected 4: 3 endpoints connected 5: 2 endpoints connected 6: 1 endpoint connected 7: 0 endpoints connected
		0 0	PINSTRAP_AUD[1:0] 1: Audio for DisplayPort only 2:Audio for DisplayPort and HDMI if dongle is detected 3:Audio for DisplayPort and native HDMI
Platform		0 0 0	
SMU		1 0 1	
			PINSTRAP_SMBUS_ADDR 0: 0x01h 1: 0x03h
		1	PINSTRAP_BIOS_ROM_EN 0: Disable the external BIOS ROM device 1: Enable the external BIOS ROM device





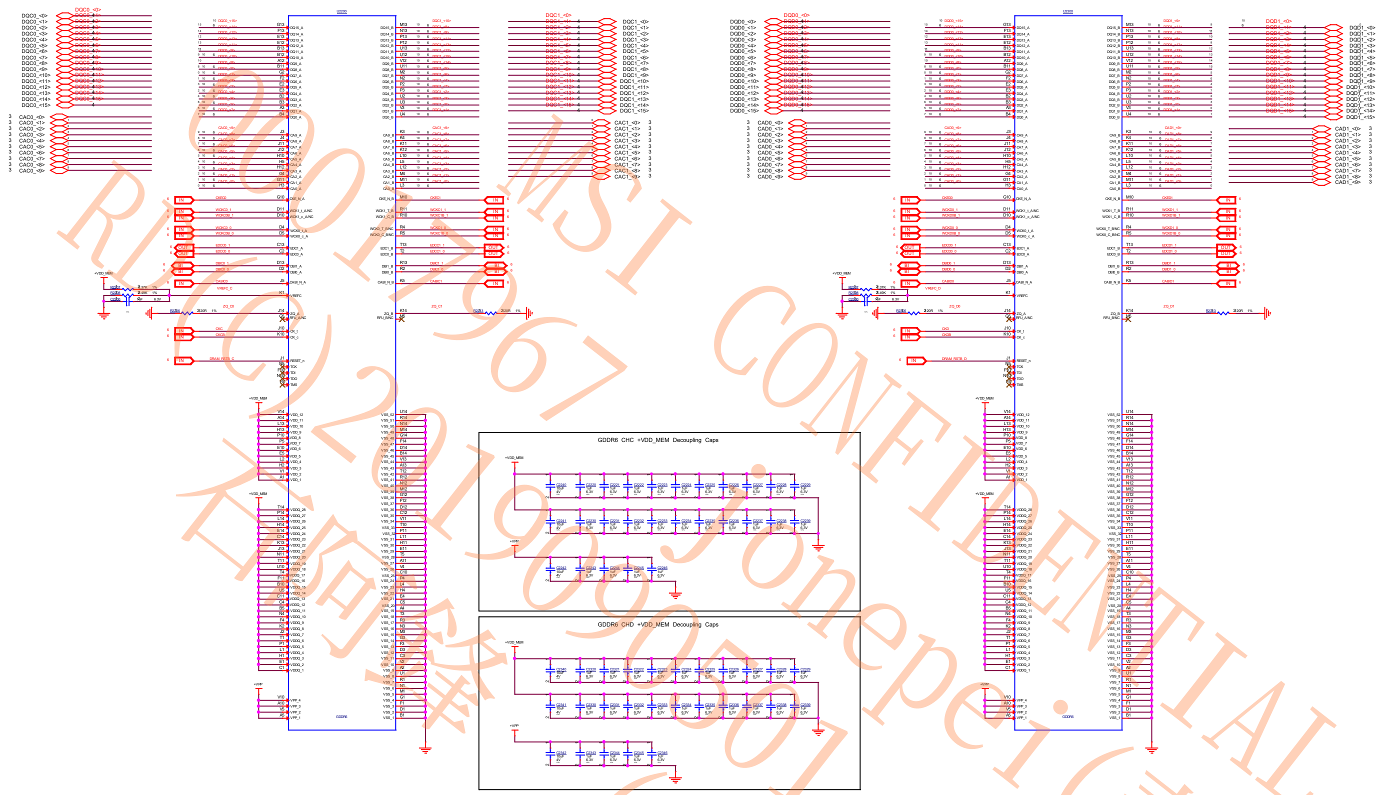
GDDR6x16 CHAB Memory

PRELIMINARY AND SUBJECT TO CHANGE



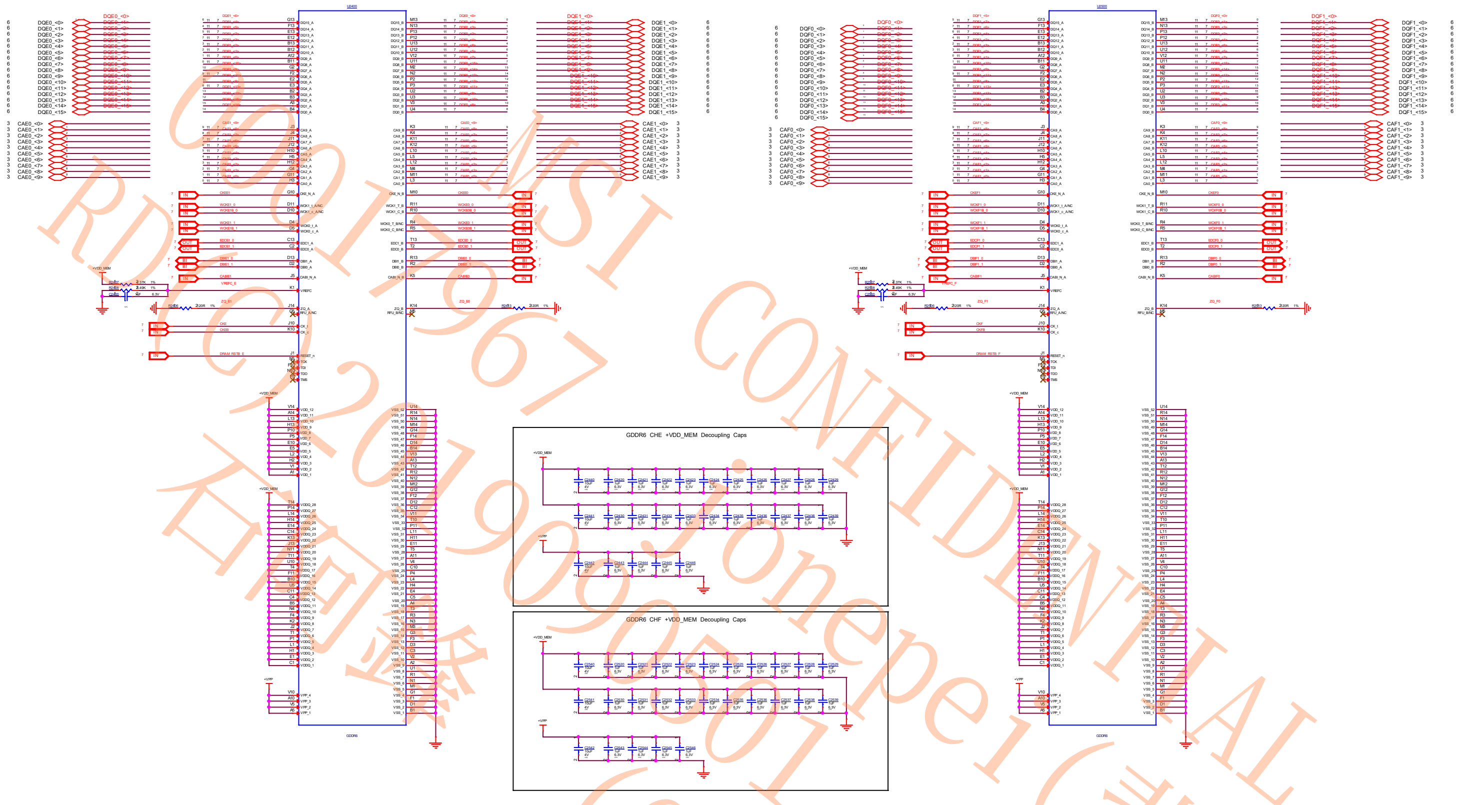
GDDR6x16 CHCD Memory

PRELIMINARY AND SUBJECT TO CHANGE



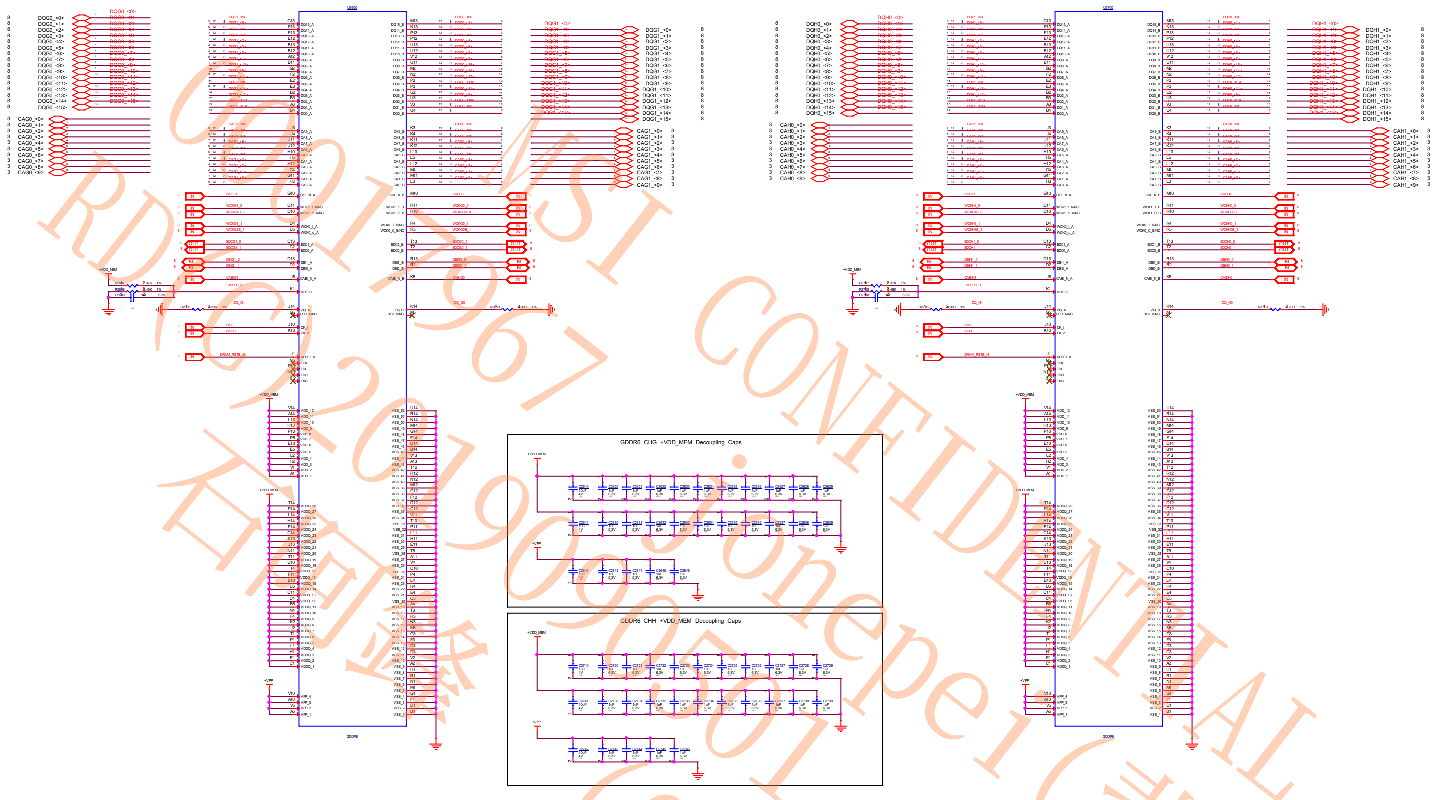
GDDR6x16 CHEF Memory

PRELIMINARY AND SUBJECT TO CHANGE



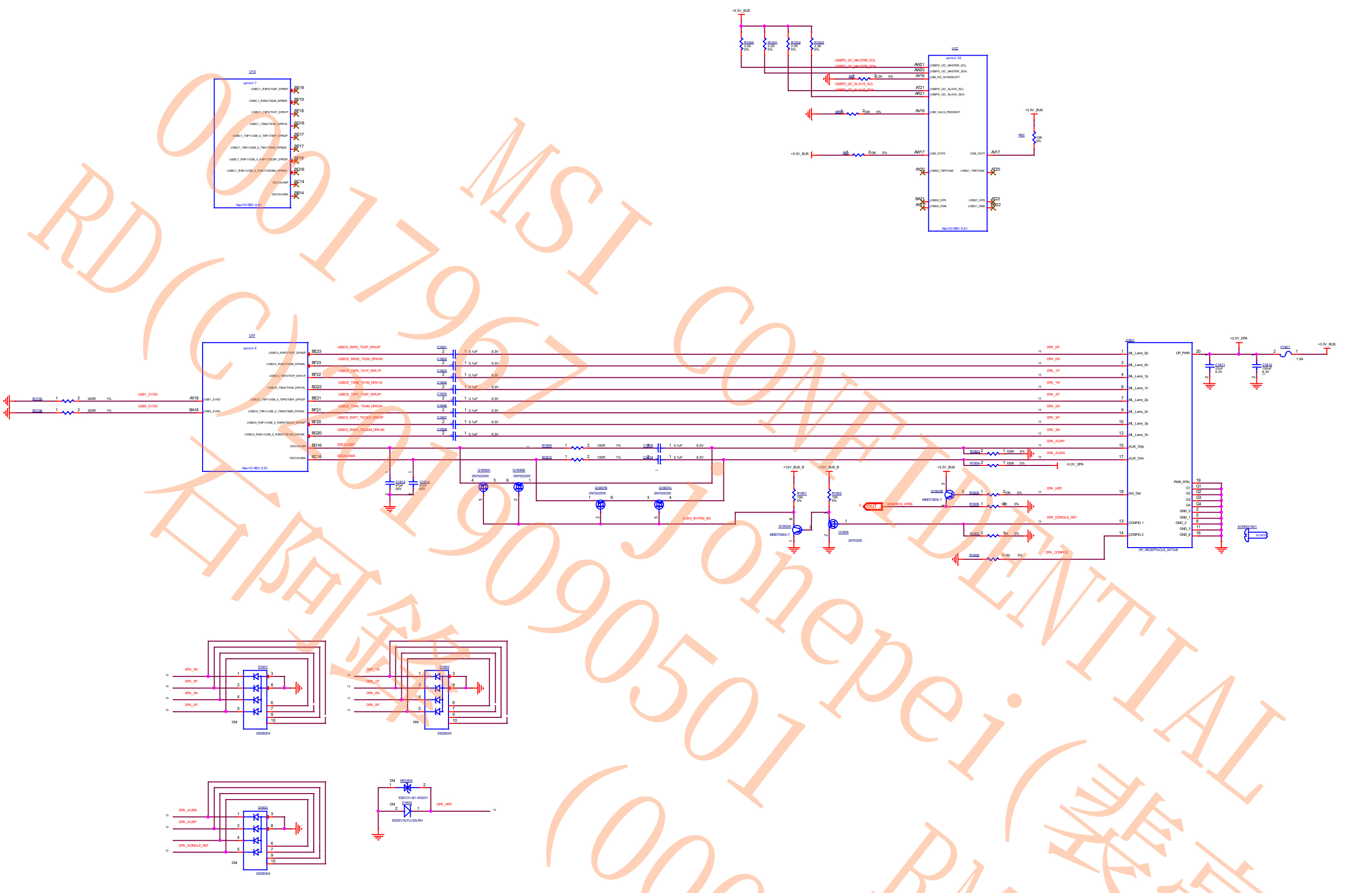
GDDR6x16 CHGH Memory

PRELIMINARY AND SUBJECT TO CHANGE

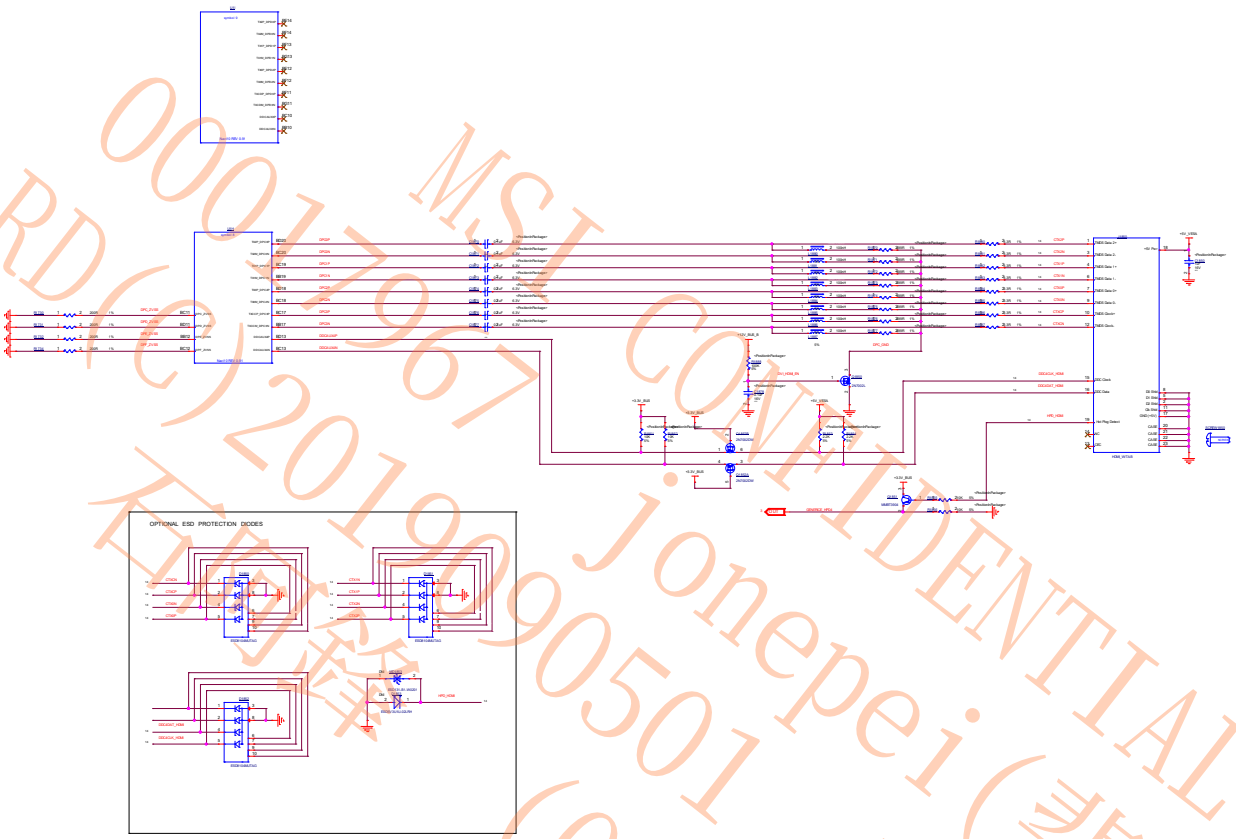


NAVI10 TMDP A/B

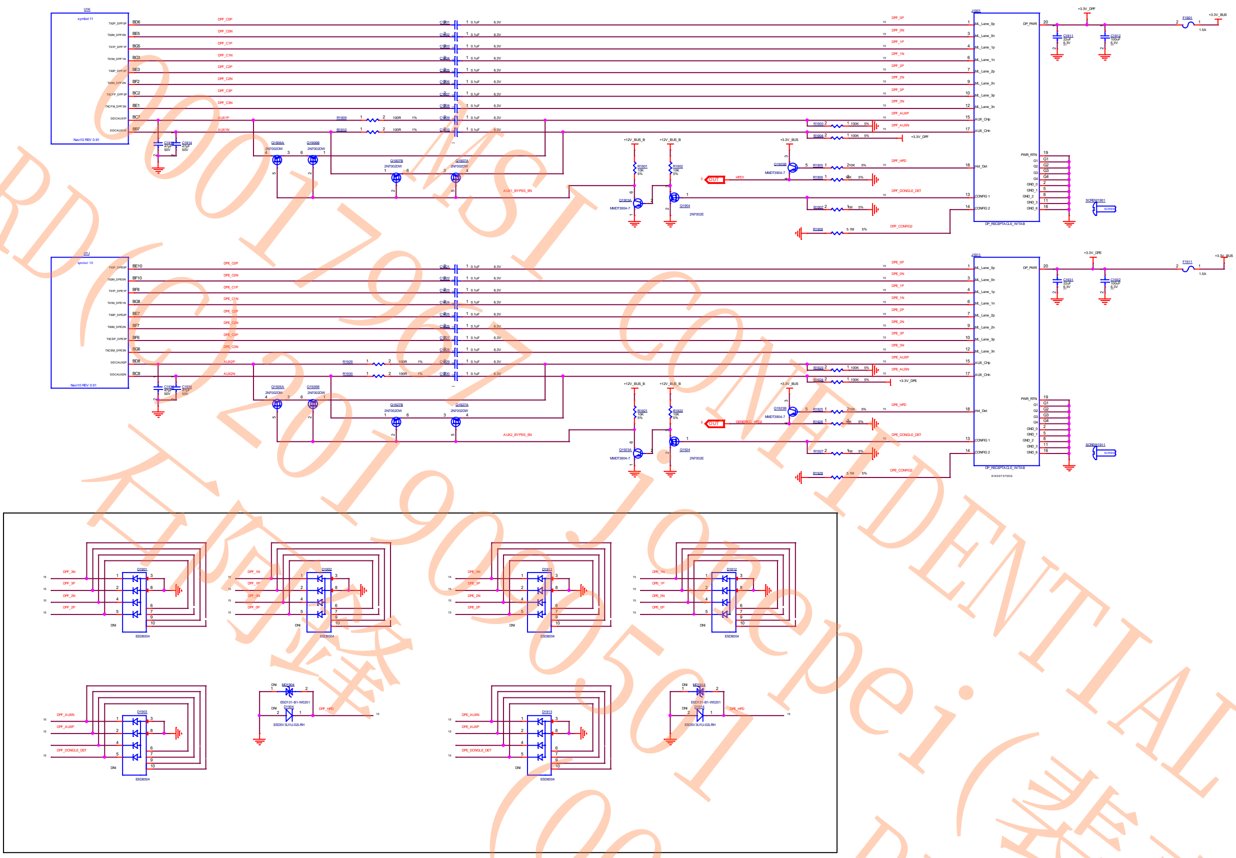
PRELIMINARY AND SUBJECT TO CHANGE

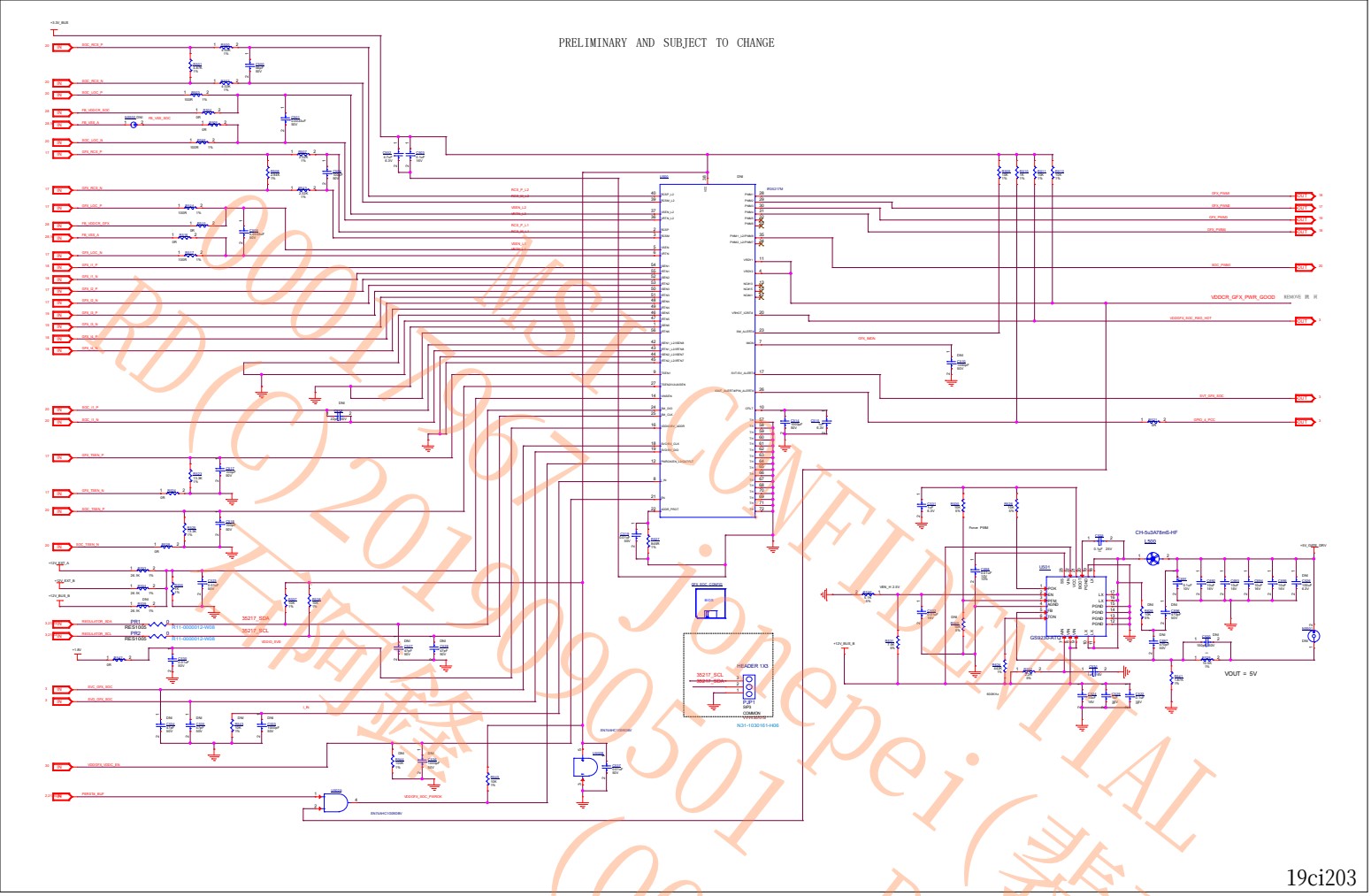


NAVI10 TMDP C/D



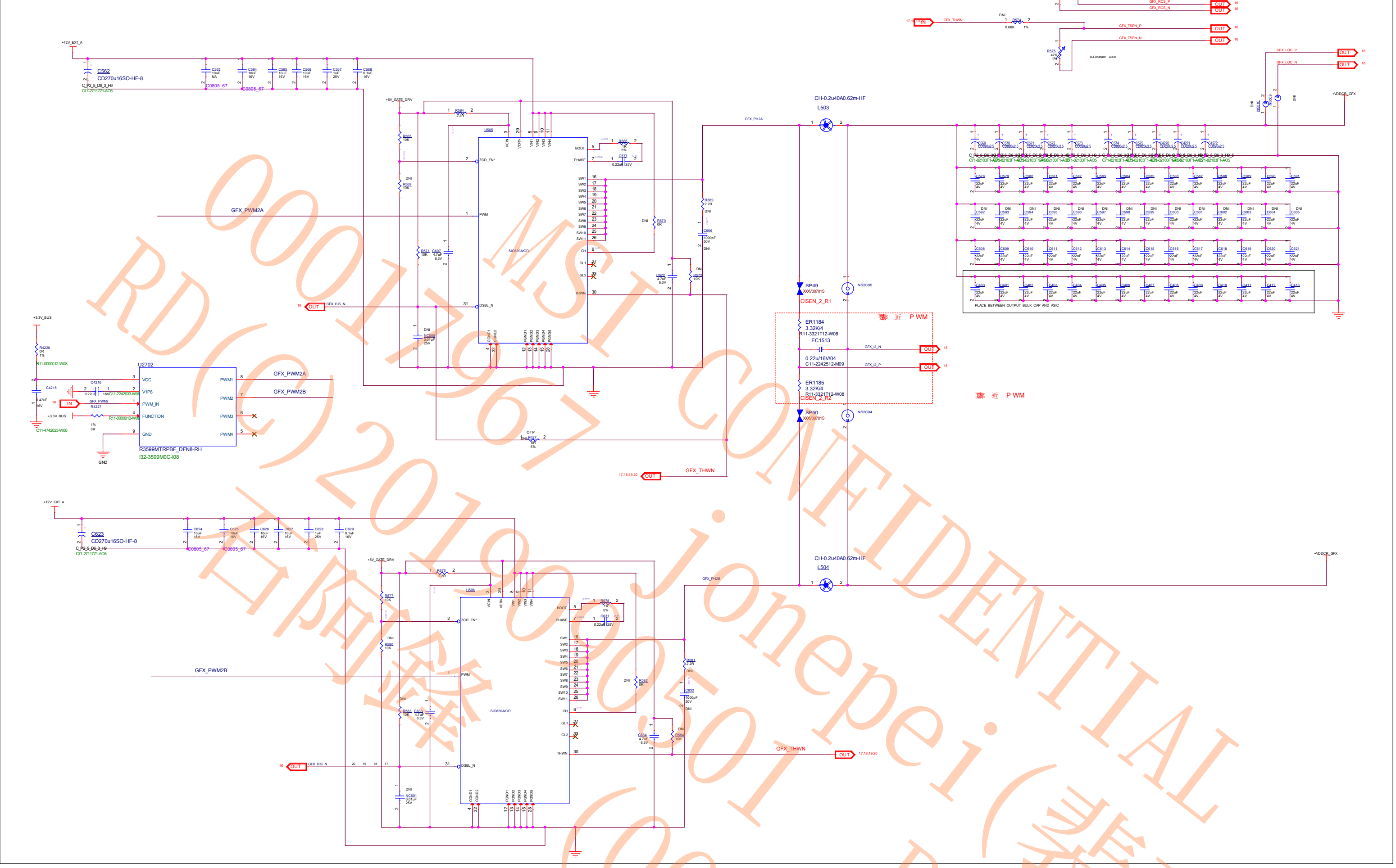
(9) NAVI10 TMDP E/F



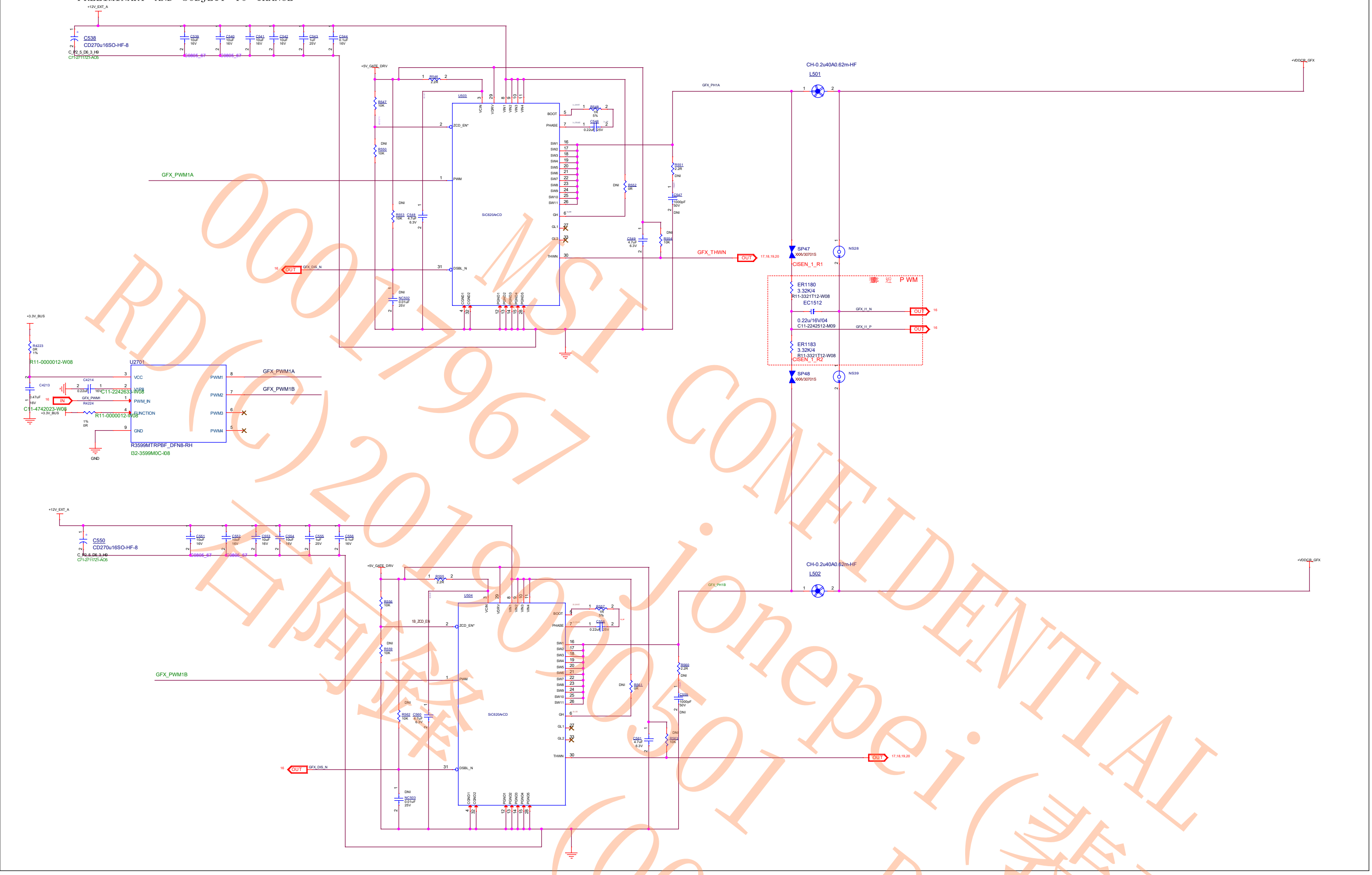


19ci203

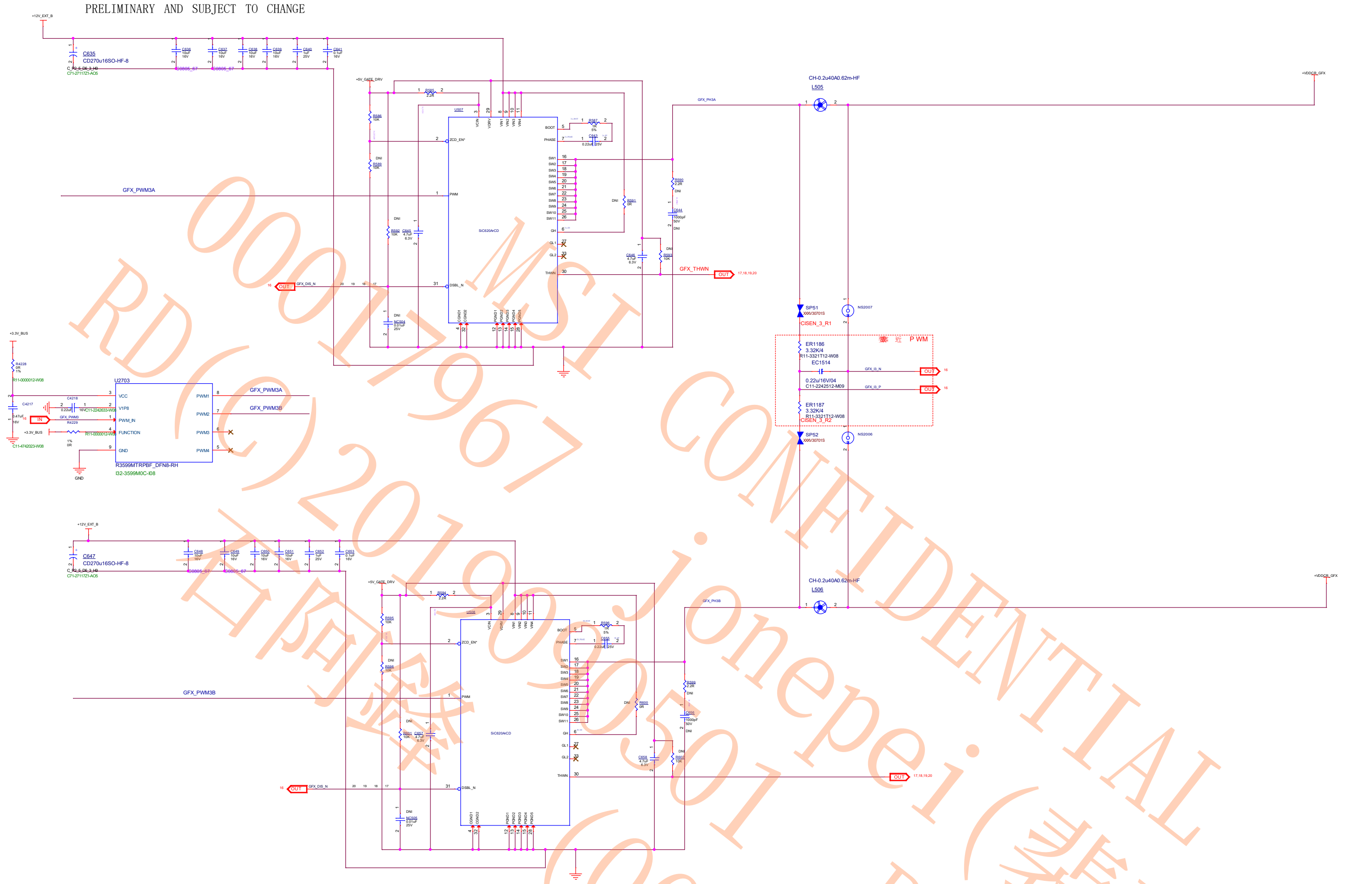
PRELIMINARY AND SUBJECT TO CHANGE

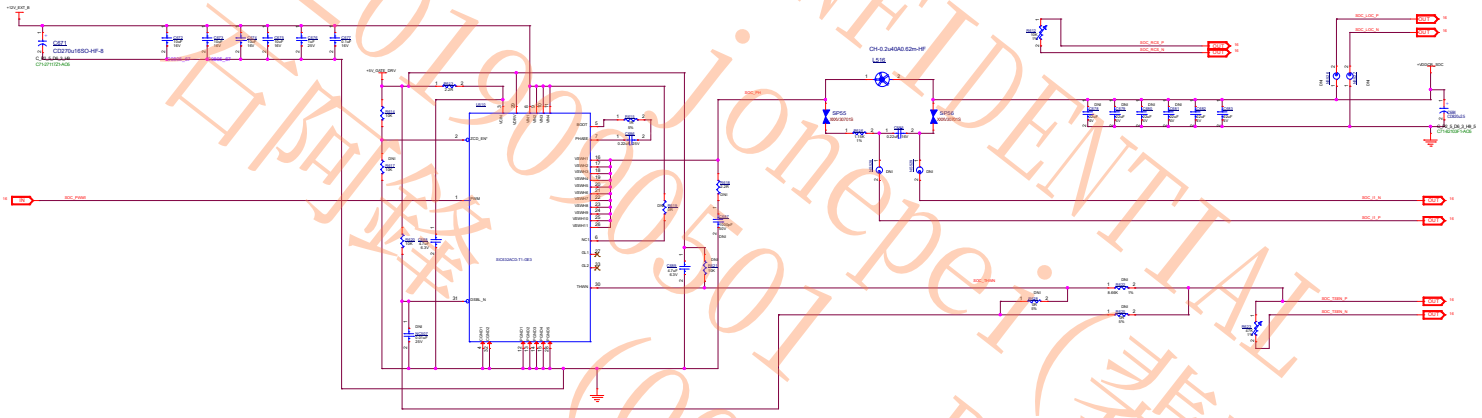


PRELIMINARY AND SUBJECT TO CHANGE

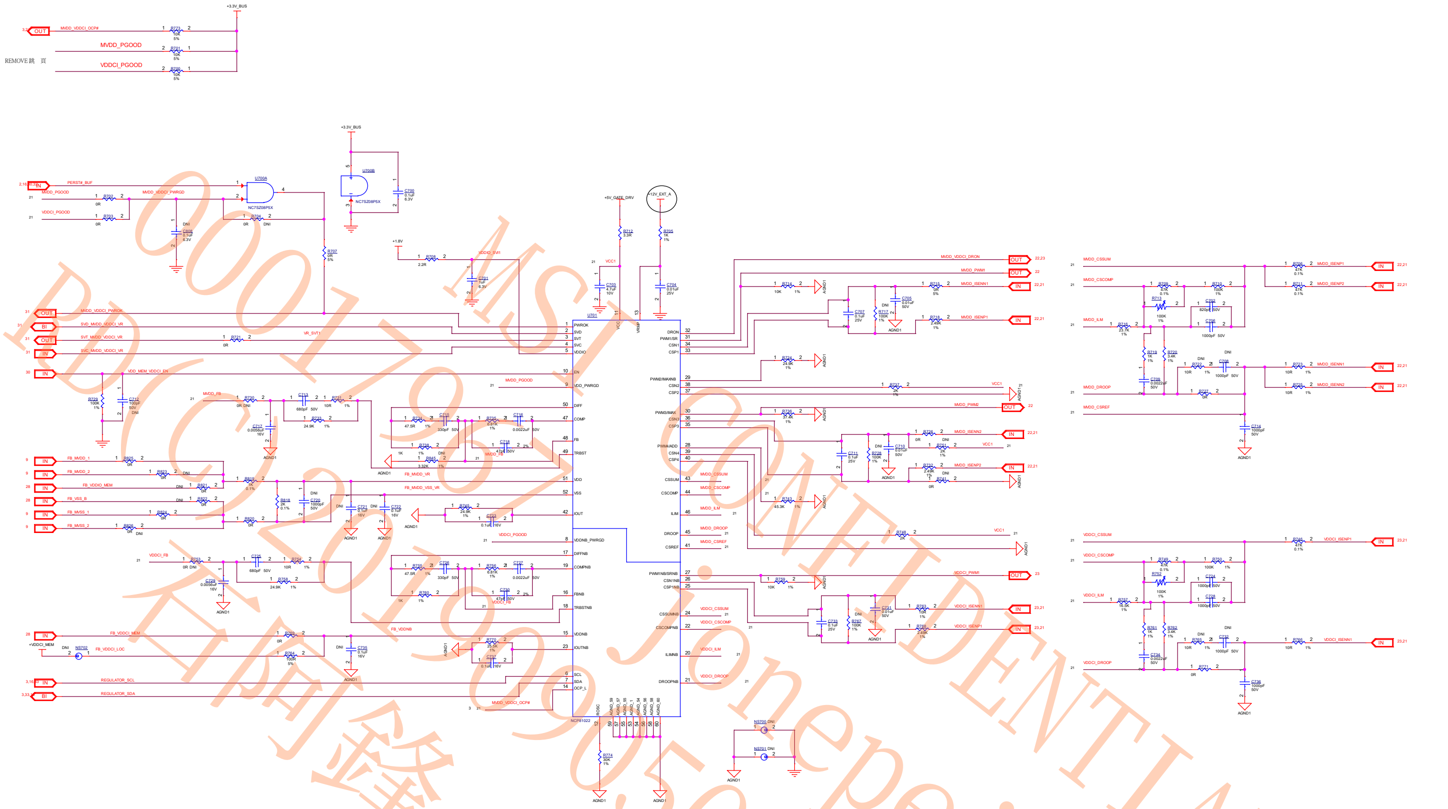


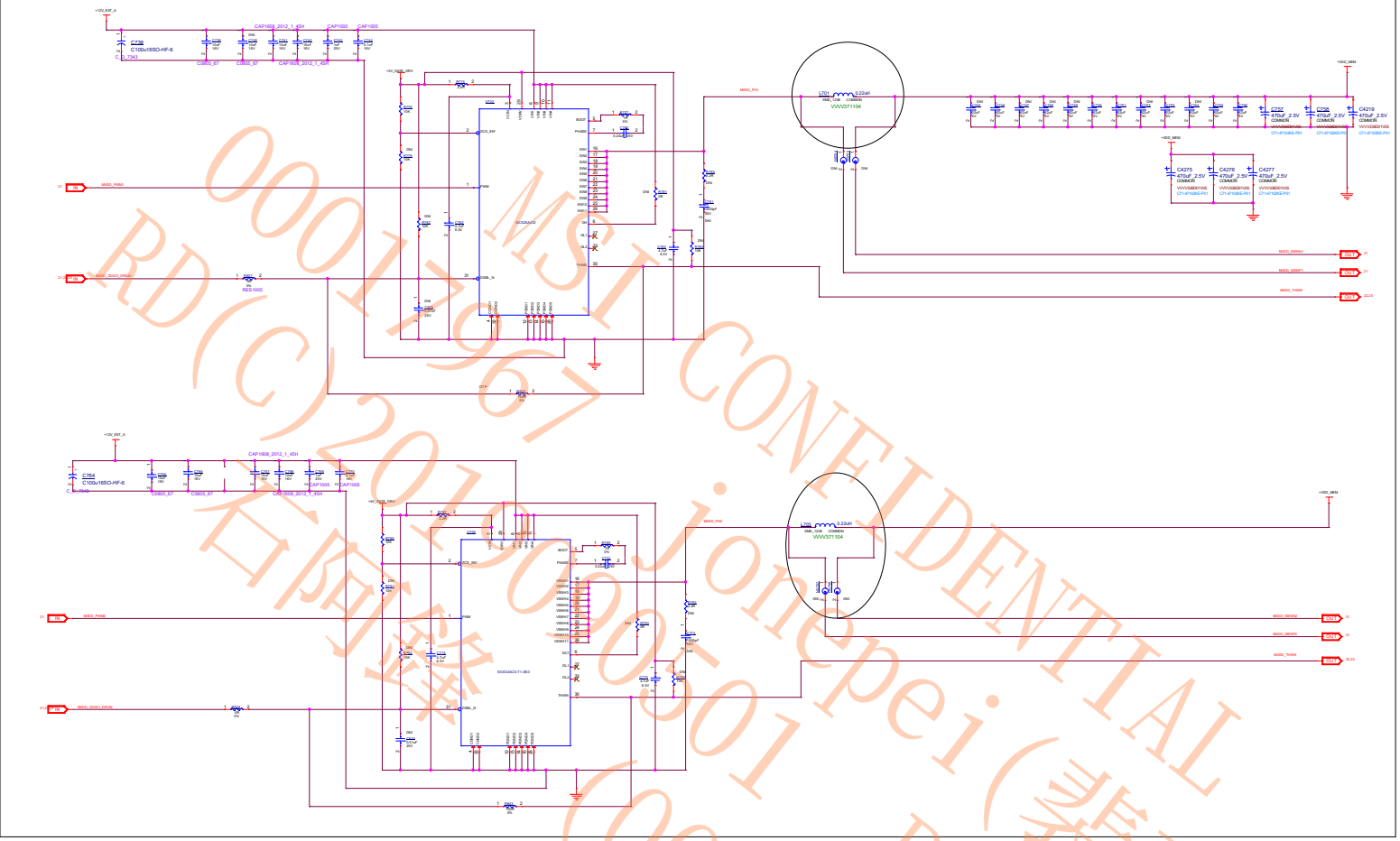
PRELIMINARY AND SUBJECT TO CHANGE



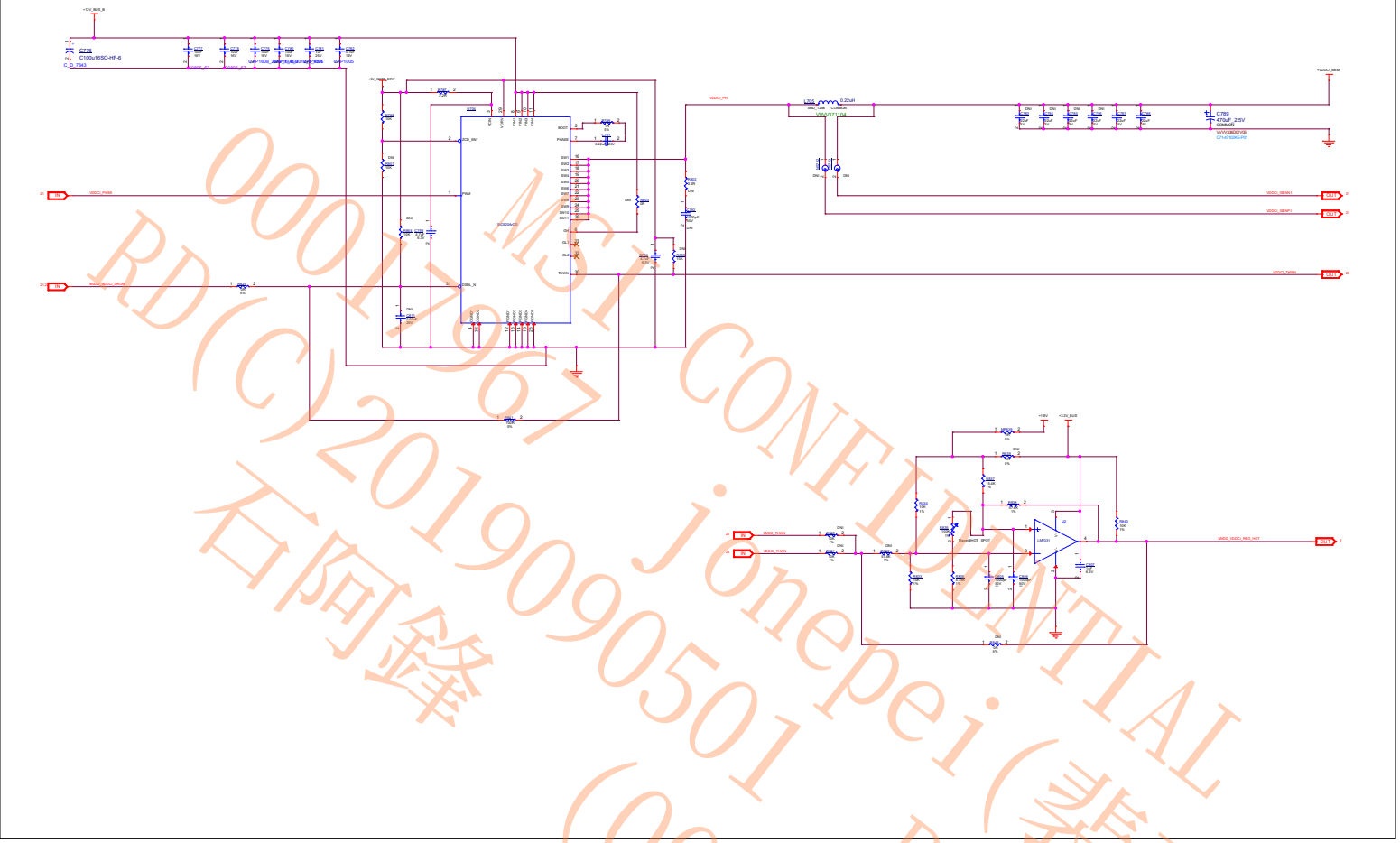


PRELIMINARY AND SUBJECT TO CHANGE

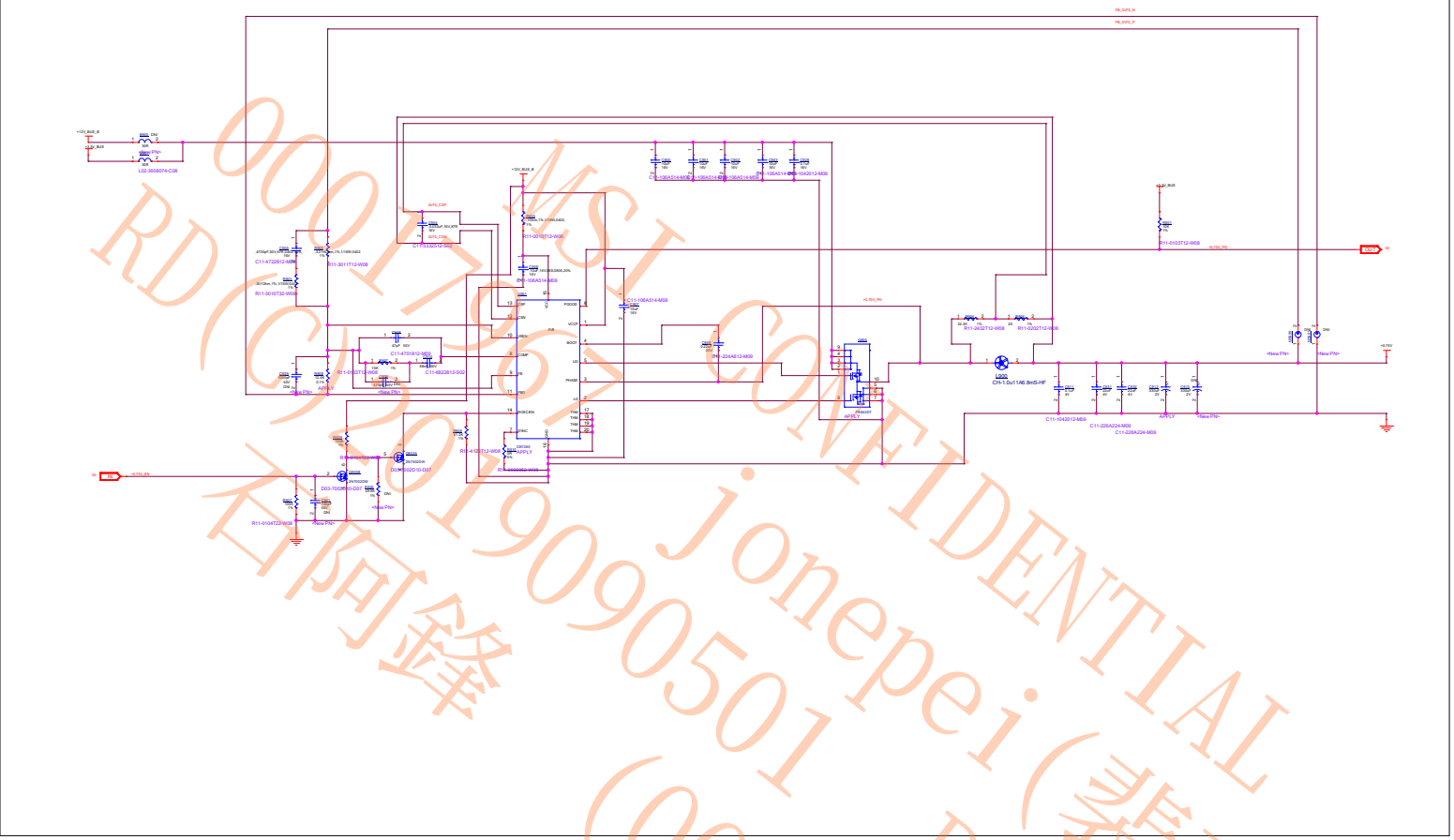




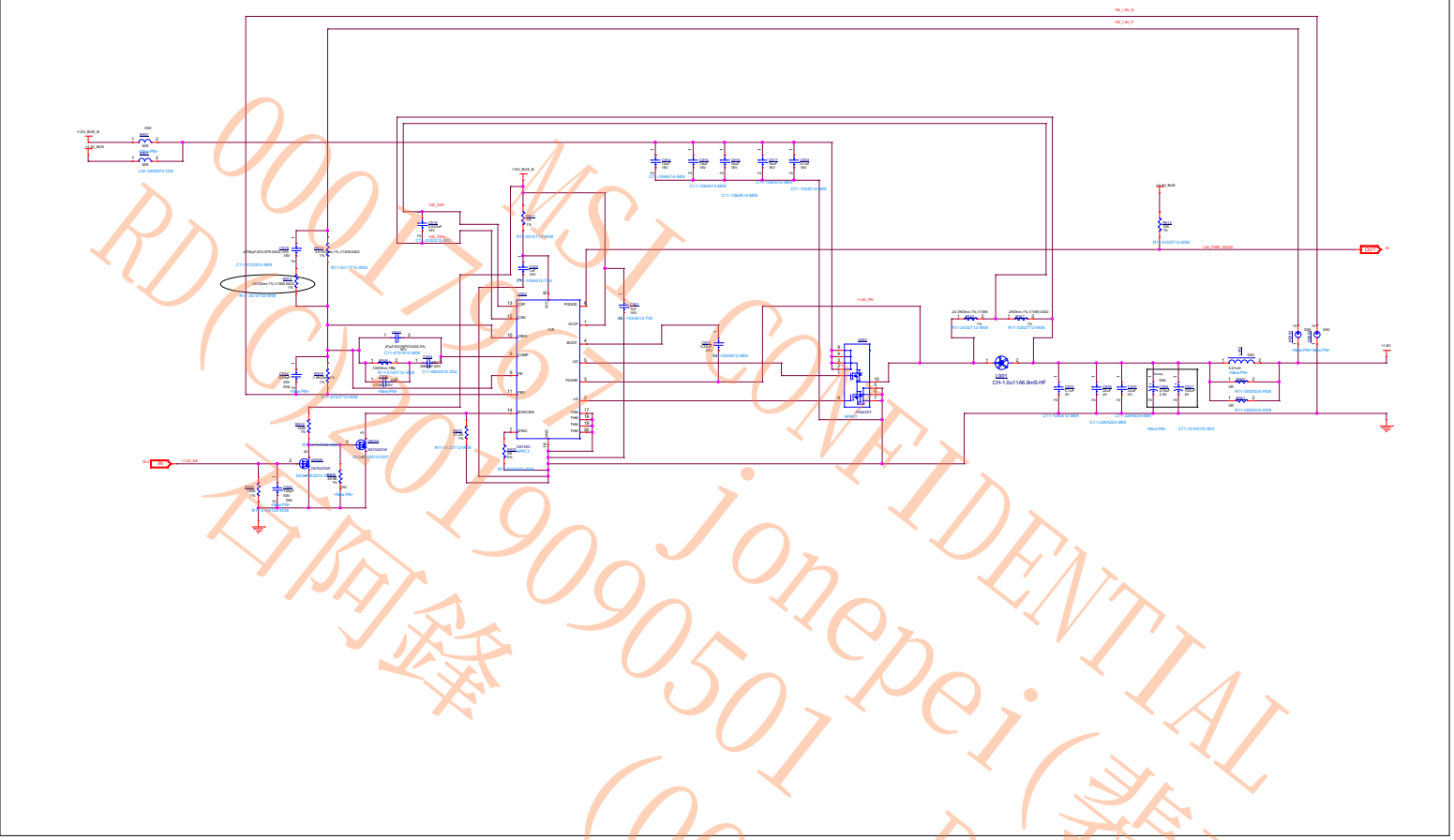
PRELIMINARY AND SUBJECT TO CHANGE



PRELIMINARY AND SUBJECT TO CHANGE

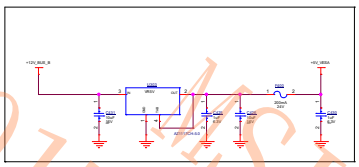


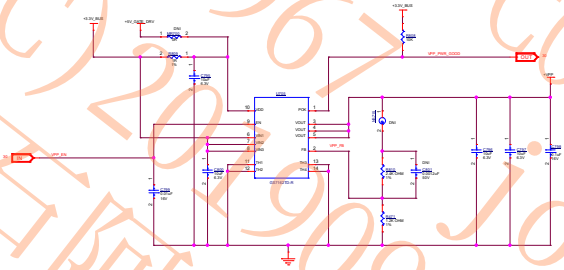
PRELIMINARY AND SUBJECT TO CHANGE

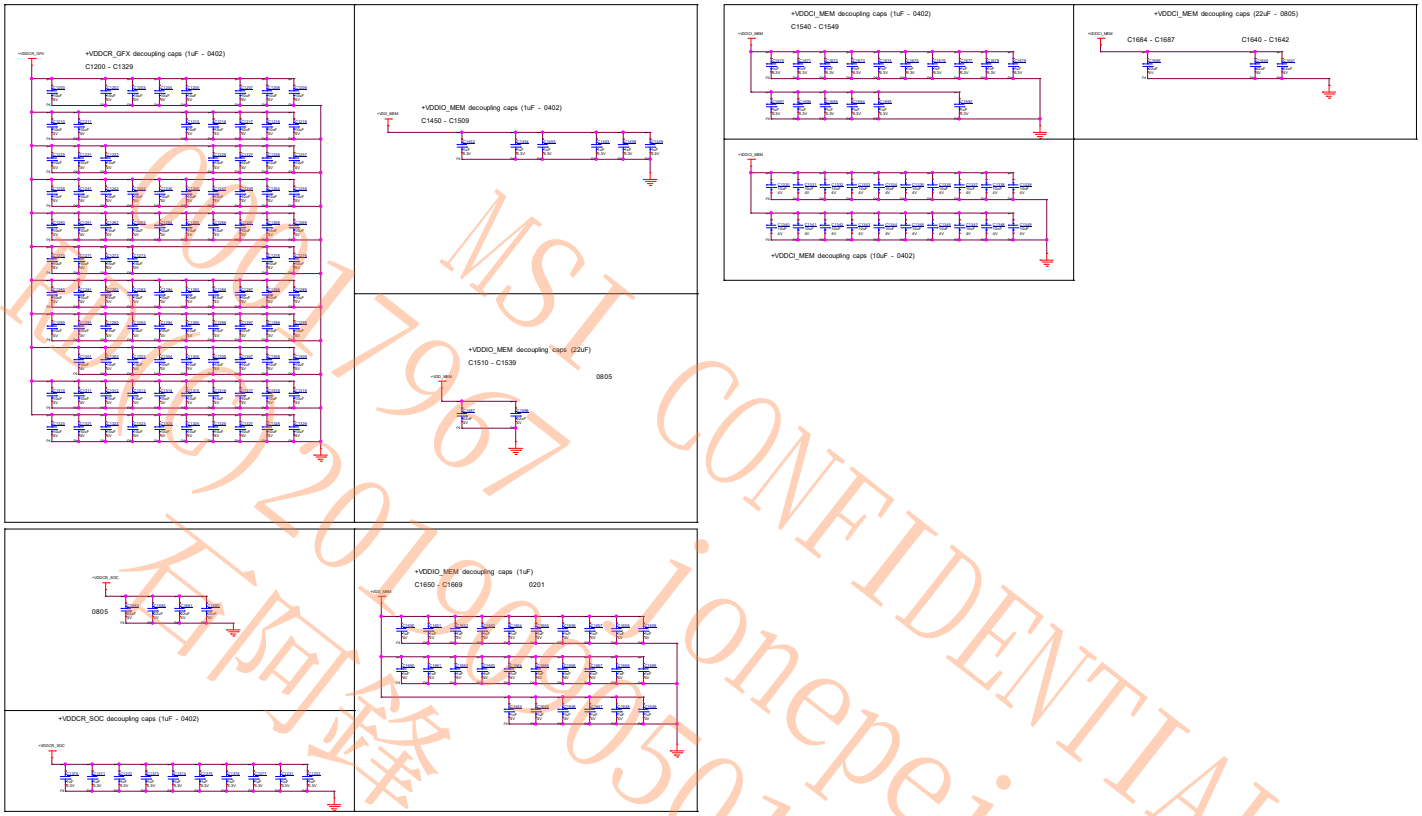


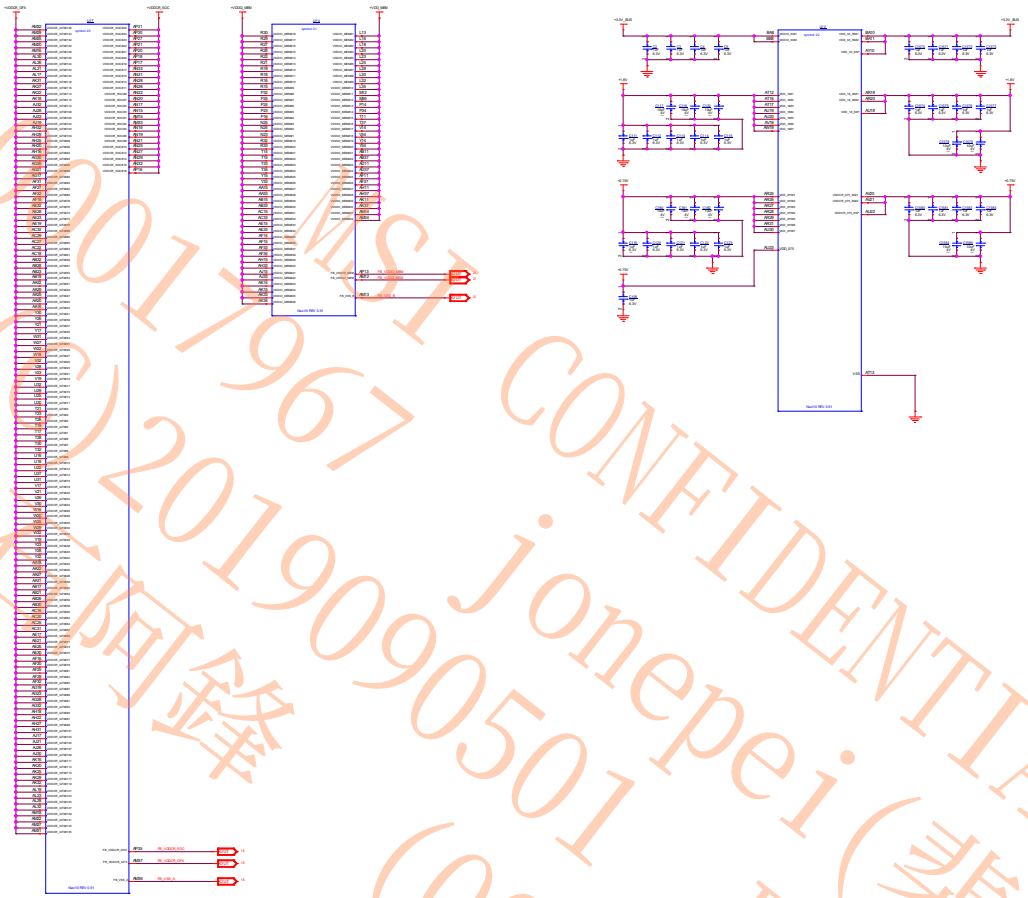
REGULATOR FOR +5V RAILS

IOUT = 50mA

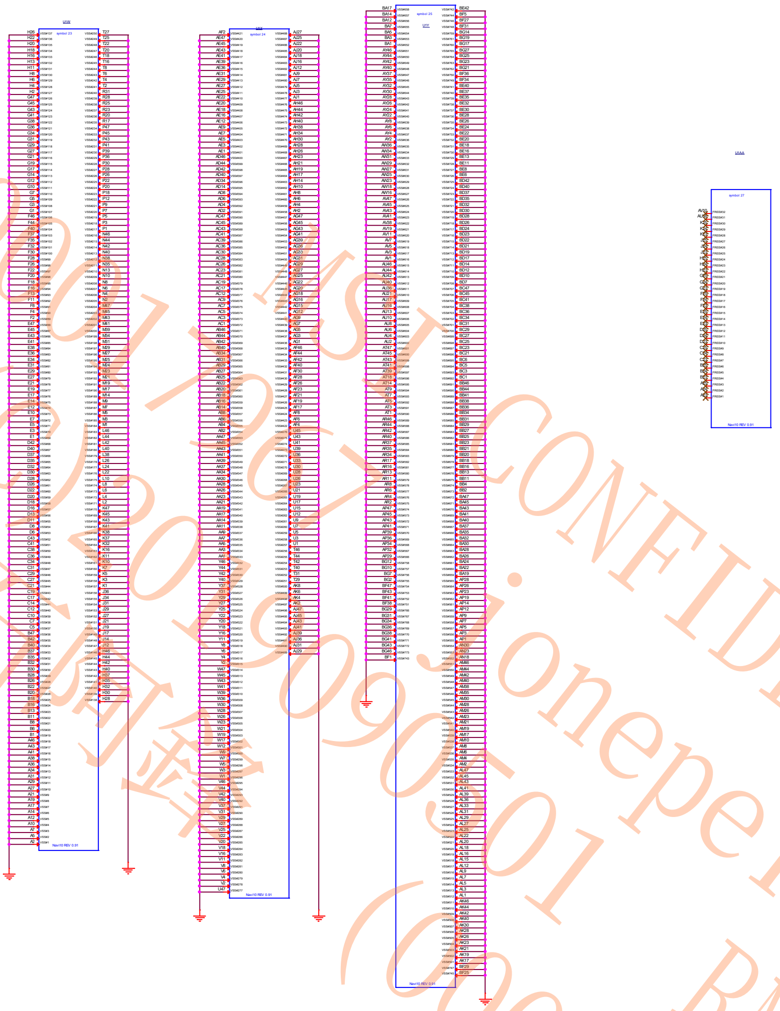




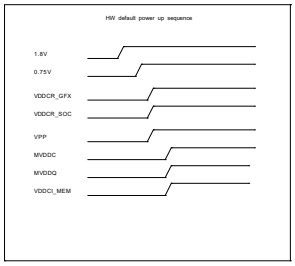


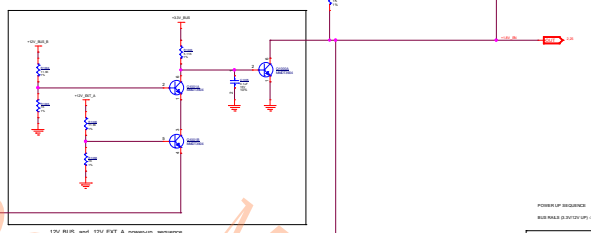


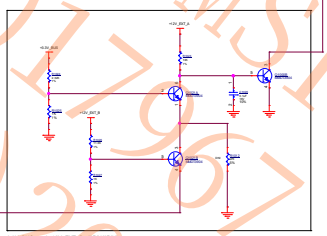
PRELIMINARY AND SUBJECT TO CHANGE

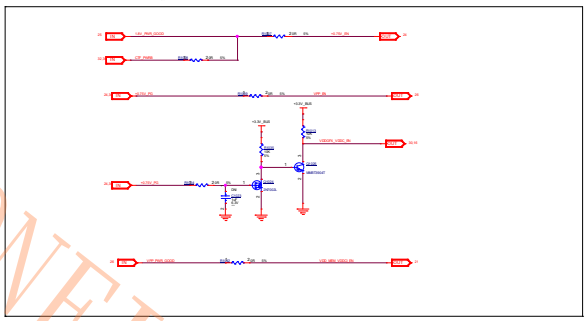


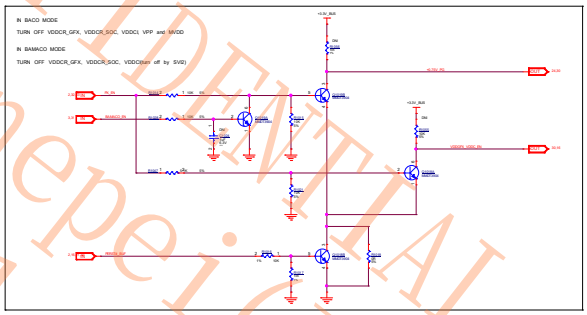
PRELIMINARY AND SUBJECT TO CHANGE

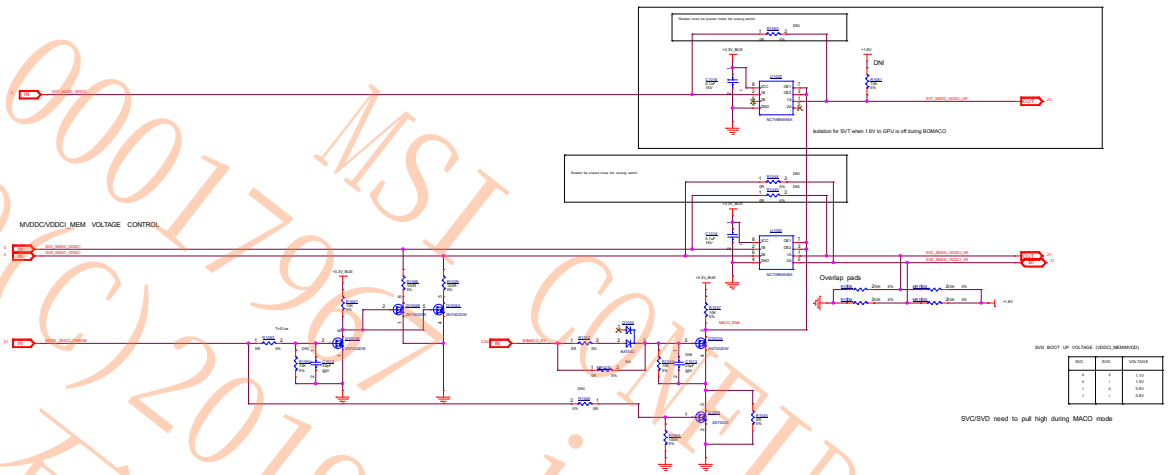




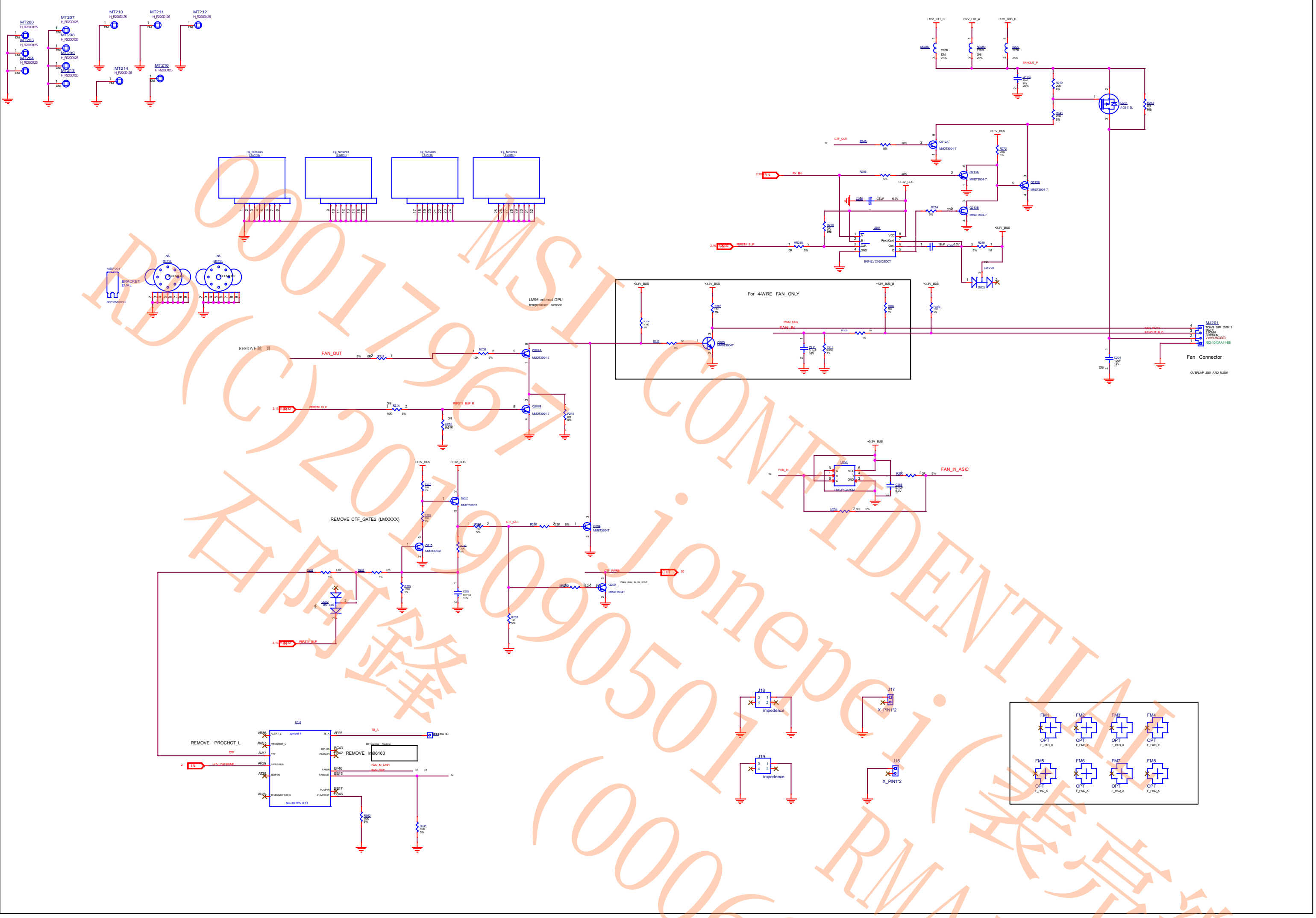


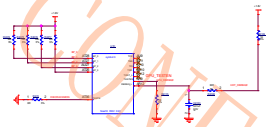




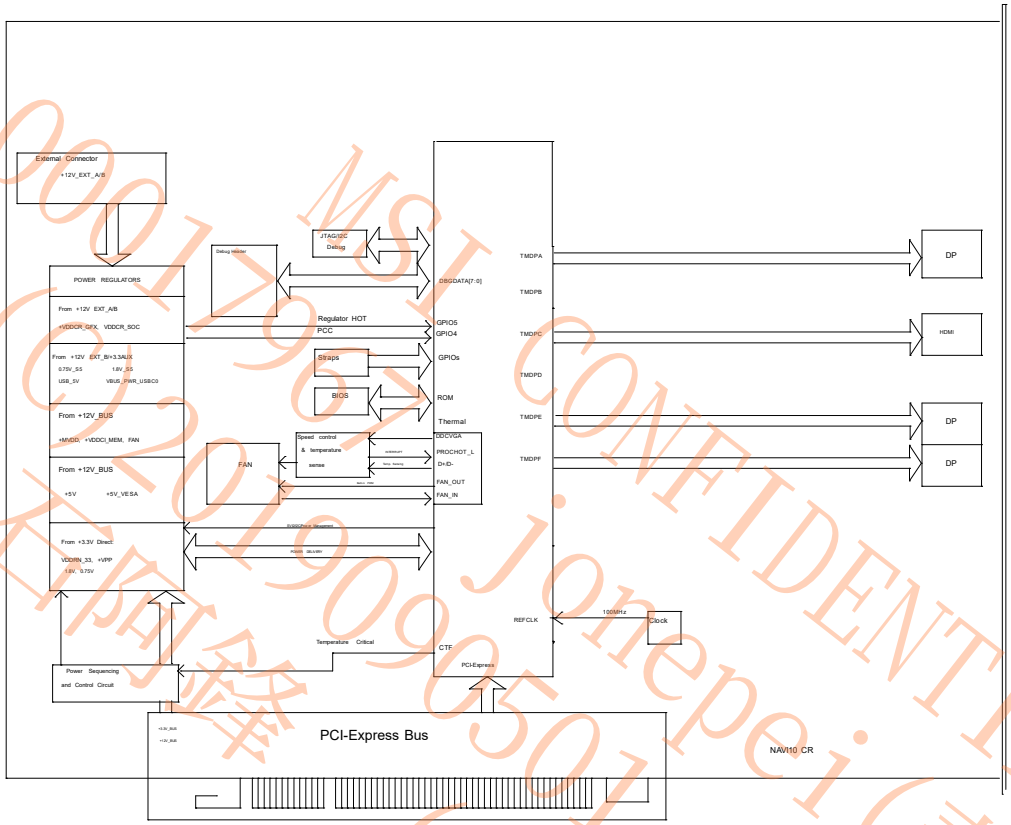


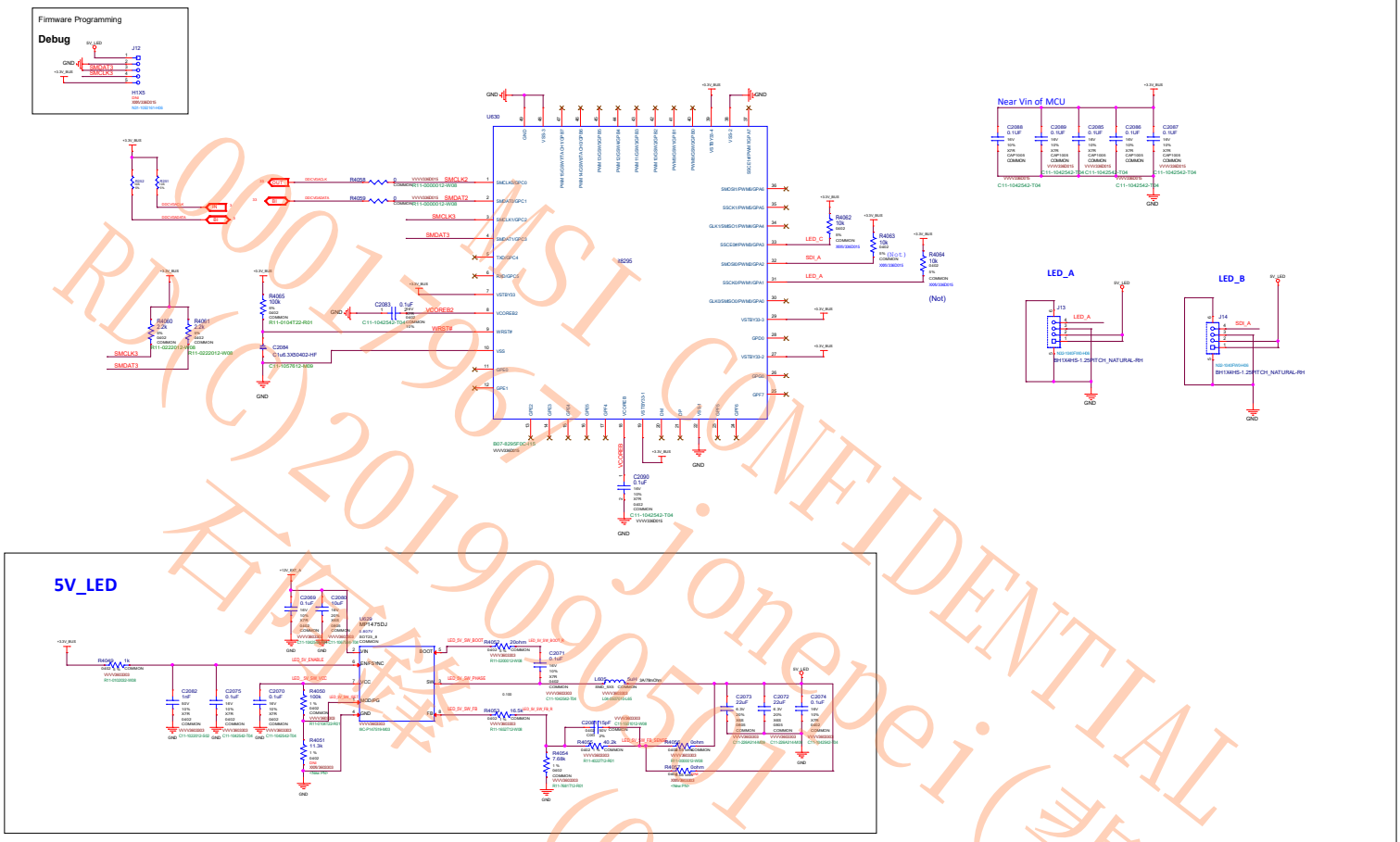
PRELIMINARY AND SUBJECT TO CHANGE



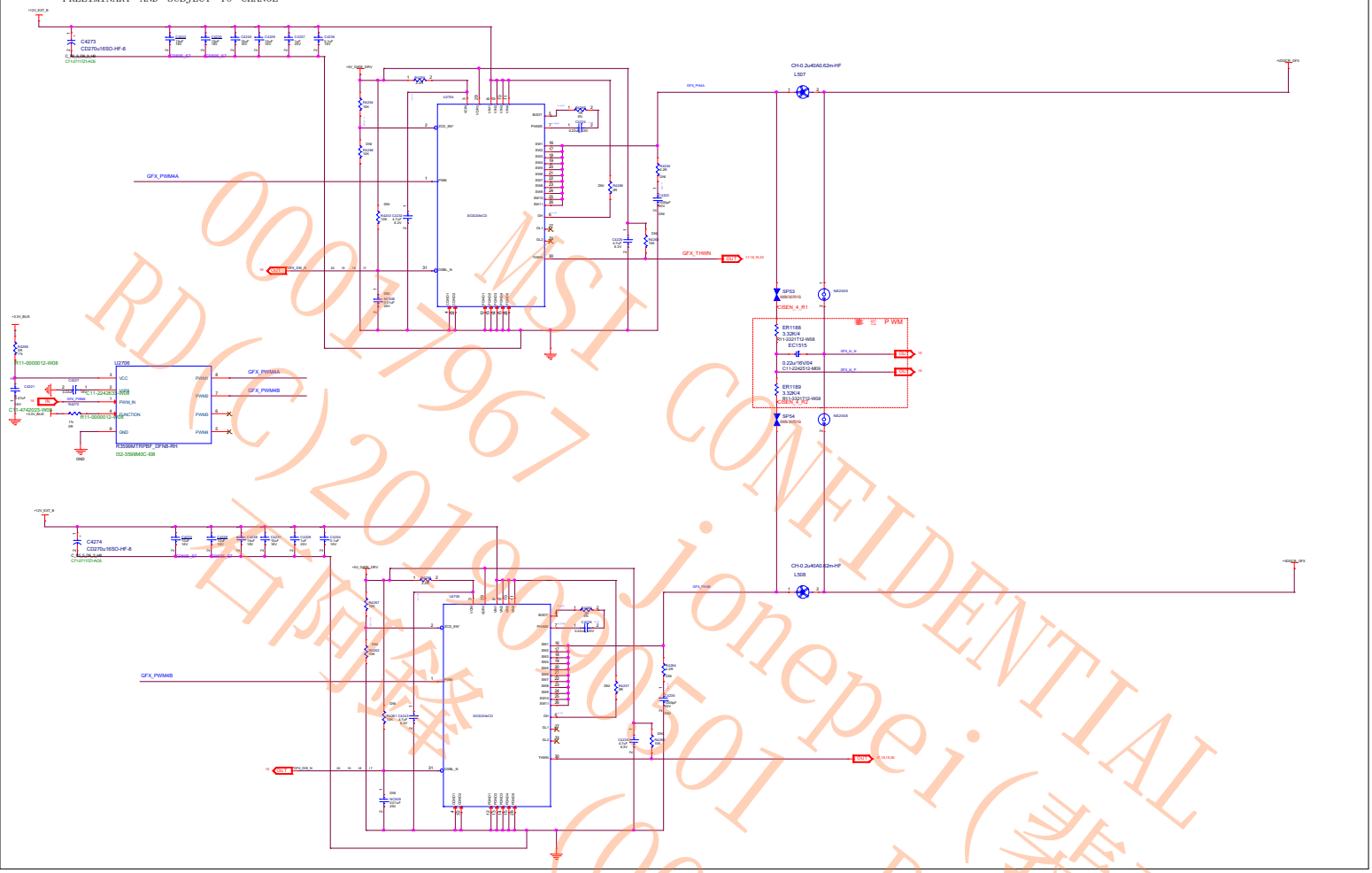


RADEON Lightbar header



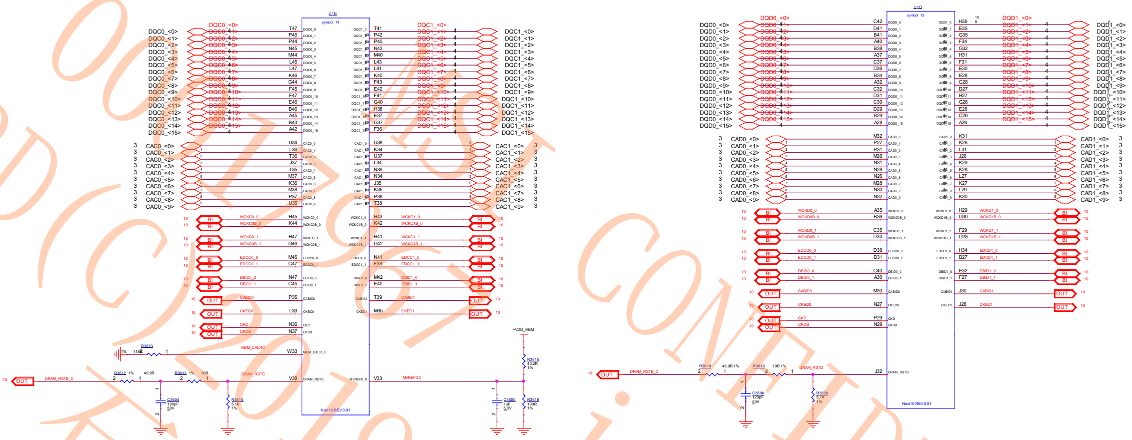


PRELIMINARY AND SUBJECT TO CHANGE



NAVI 10 MEM INTERFACE CH C/D

PRELIMINARY AND SUBJECT TO CHANGE



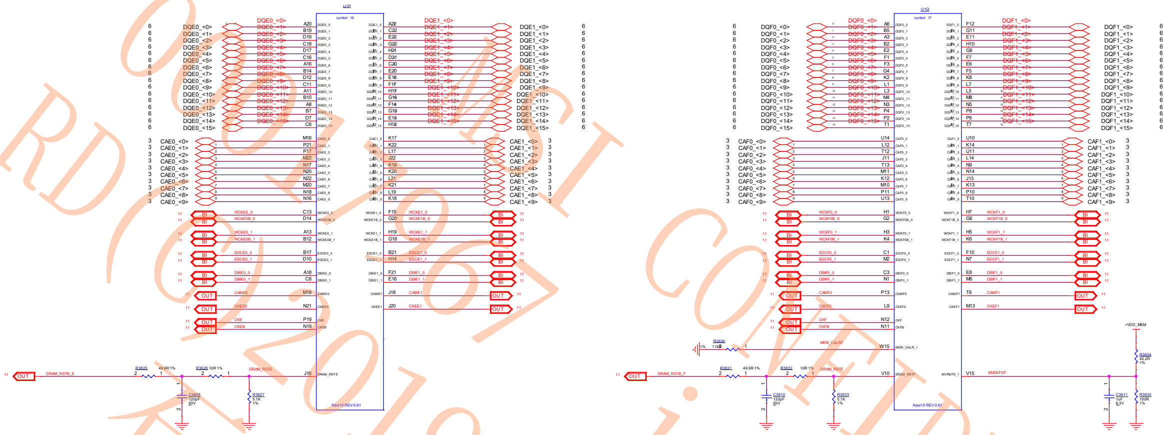
AMD - PLATFORM HARDWARE ENG
#48, No.1387, ZHANGDONG ROAD
SHANGHAI, CHINA 201203

SHEET:	NAVI10 MEM CHCD		
DATE:	Mon Apr 15 05:57:57 2019	REV:	1.00
SHEET NUMBER:	6	OF	35
DOCUMENT NUMBER:	105_D199xx_00A		
NOTES:	NOTE		

TITLE: NAVI10 G6X16Mode DP DP HDMI DP

NAVI 10 MEM INTERFACE CH E/F

PRELIMINARY AND SUBJECT TO CHANGE

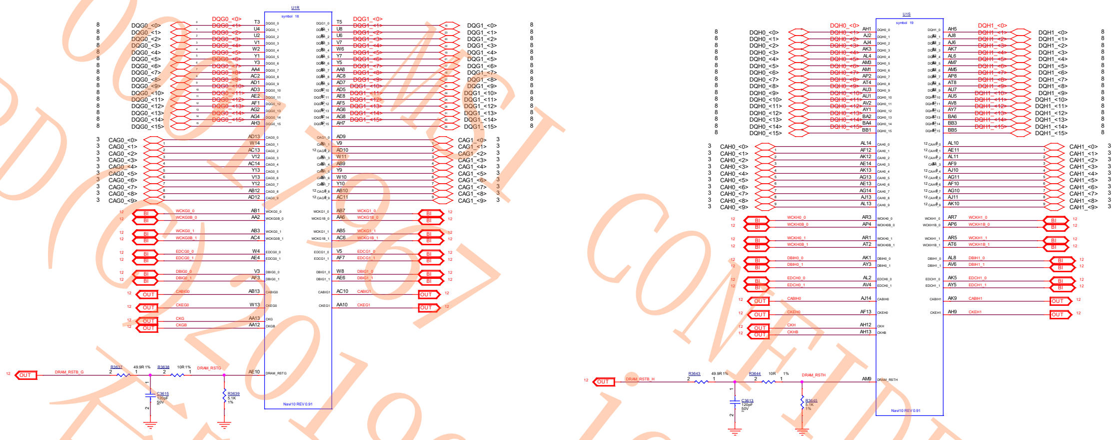


AMD - PLATFORM HARDWARE ENG
#48, No.1387, ZHANGDONG ROAD
SHANGHAI, CHINA 201203

SHEET:	NAVI10 MEM CHEF
DATE:	Mon Apr 15 05:57:57 2019
REV:	1.00
SHEET NUMBER:	7 OF 35
DOCUMENT NUMBER:	105_D199xx_00A
NOTES:	NOTE
TITLE:	NAVI10 G6X16Mode DP DP HDMI DP

NAVI 10 MEM INTERFACE CH G/H

PRELIMINARY AND SUBJECT TO CHANGE



AMD - PLATFORM HARDWARE ENG #48, No.1387, ZHANGDONG ROAD SHANGHAI, CHINA 201203			
SHEET:	NAVI10 MEM CHGH		
DATE:	Mon Apr 15 05:57:58 2019	REV:	1.00
SHEET NUMBER:	8	OF	35
DOCUMENT NUMBER:	105_D199xx_00A		
NOTES:	NOTE		

TITLE: NAVI10 G6X16Mode DP DP HDMI DP