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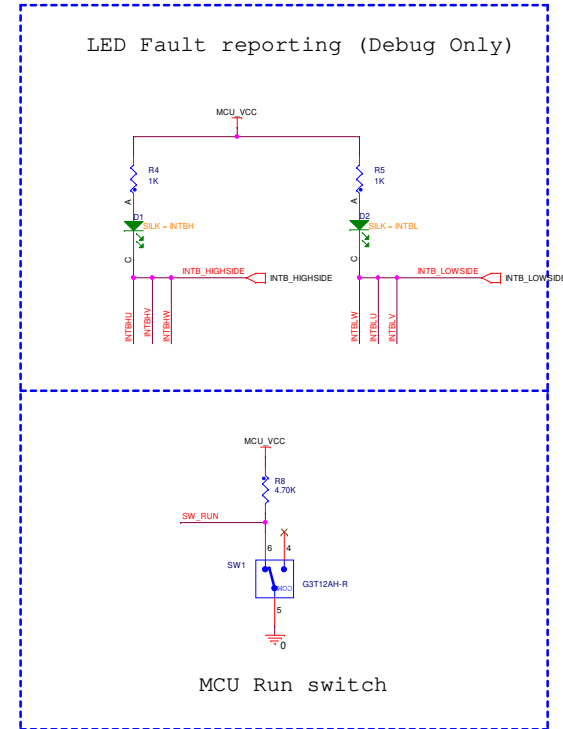
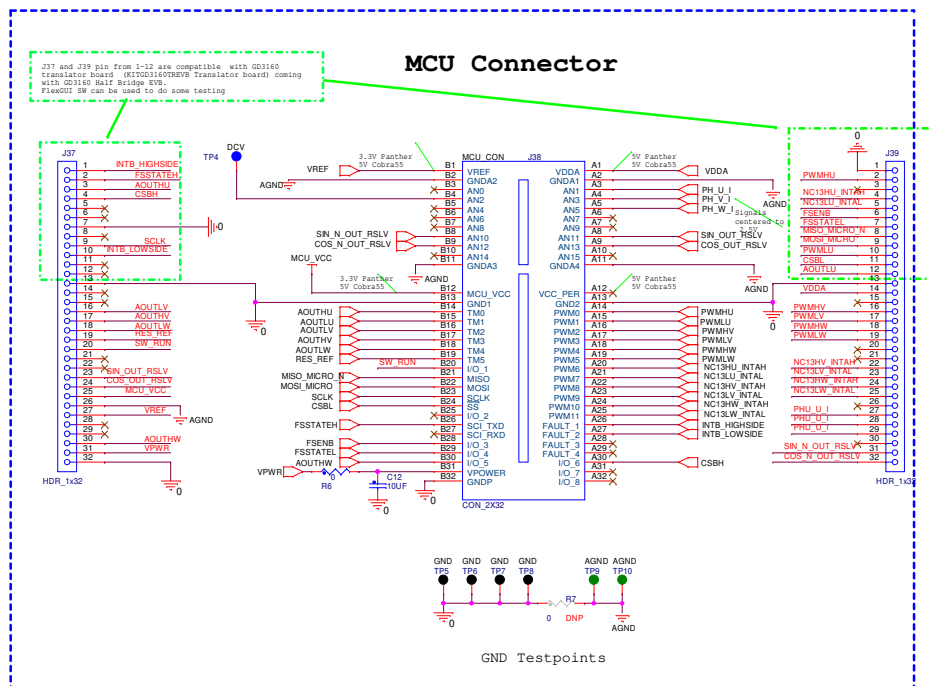
Revisions			
Rev	Description	Date	Approved
X1	Original Release	2-NOV-2020	Jim Shepard
X2	Fixed shortat U7 Pin 18 to 24. Added GND missing net near to TP61	2-NOV-2020	Jim Shepard
X3	Removed VDDA and VREF port on page 9 Added FSISOHV, GLU4, AMCU4 and GHU4 net name	30-NOV-2020	Jim Shepard
X4	Removed U1 module. Updated net name VREFLW instead VREFHW	09-DEC-2020	Jim Shepard
X5	Removed shoth at PWMLV RM8 and U7 pin 10	15-DEC-2020	Jim Shepard
A	Added V_DCLINKW netname	16-DEC-2020	Jim Shepard
B	Added CSB 2 pin jumper for 6 daisy chain option Change SPI jumper to smaller version like on HB EVB Fix title issue Change silk on INTBH and INTBH LEDs Removed all testpoint on all INTA since already on connector Change PWMALT connection on Phase U to give possibility to generate SC Added pull up 10k on all INTA and remove 100k pull down Change pinout of MCU single row connectors to match translator board pinout OBSOLETE 30K resistor updated to 470-52861 Removed not used components on flyback copntroller EN pin Removed Phase V W FSISO, TSENSE VREF testpoints Updated SILK on SPI connectors, LEM and Resolver	4-MAY-2021	Pierre Calmes
C	Project name updated from RDGD31603PH8EVB to RDGD31603PHSEVM	13-MAY-2021	Pierre Calmes

RDGD31603PHSEVM

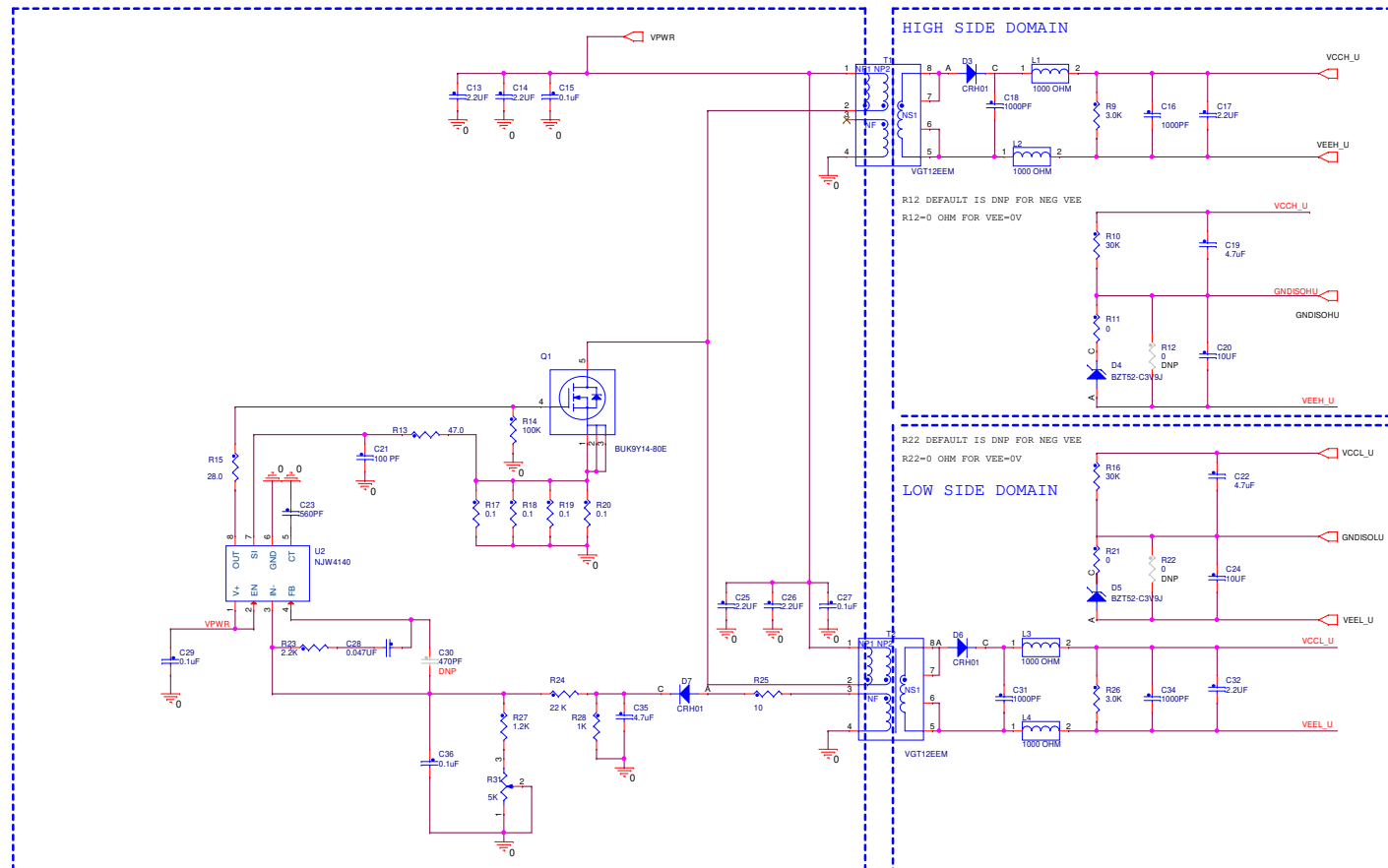
REF DES	JUMPER	PAGE NAME
J2,J13,J14	Default 1-2	1-MAIN PAGE

REF DES	ASSY OPT
C30,C103,C175	DNP
C49,C50,C51,C75,C76,C77,C120,C121	
C122,C148,C149,C150,C193,C194,C195,C220,C221,C222	DNP
C55,C78,C128,C151,C202,C226	DNP
C60,C83,C132,C156,C206,C231	DNP
R7,R12,R22,R33,R34,R47,R48,R63,R73,R83,R85,R96,R97,R113,R123,R134,R135,R150,R151	DNP
R164,R177	DNP
TP52	DNP

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Designer: Pierre Calmes	Drawing Title: RDGD31603PHSEVM	ICAP Classification: CP:	ILDO: X PUR:
Drawn by: JM SHEPARD	Page Title: TITLE, TOC & REV		
Approved: Pierre Calmes	Size: C	Document Number: SCH-47642 PDF: SPF-47642	Rev: C
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POWER SUPPLY U



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LV DOMAIN U

HIGH-SIDE SUPPLY U FILTERING

VSUP 0 DNP

VDDHU 0

C39 1uF

C40 0.1uF

C41 1uF

C42 1uF

C43 330pF

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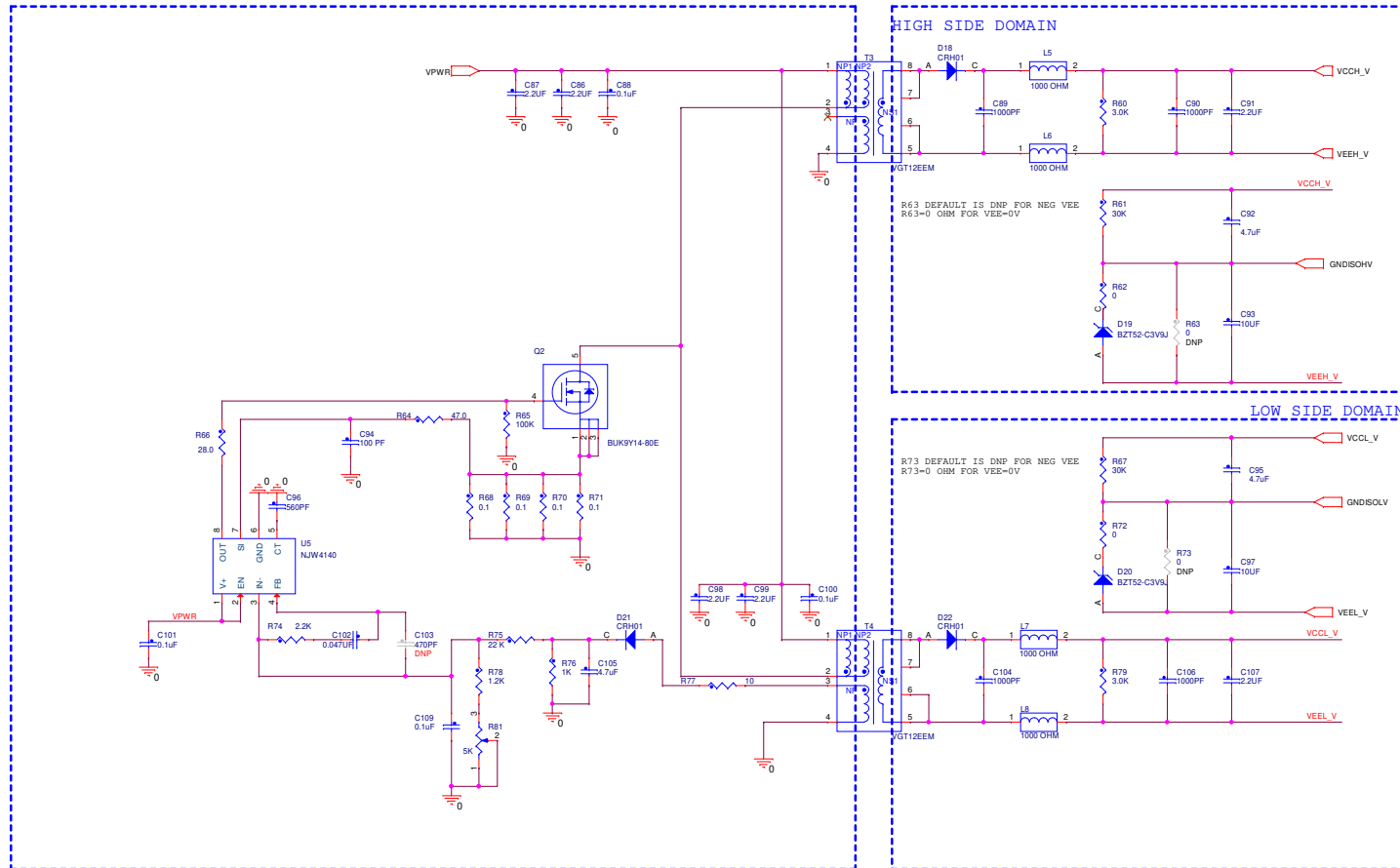
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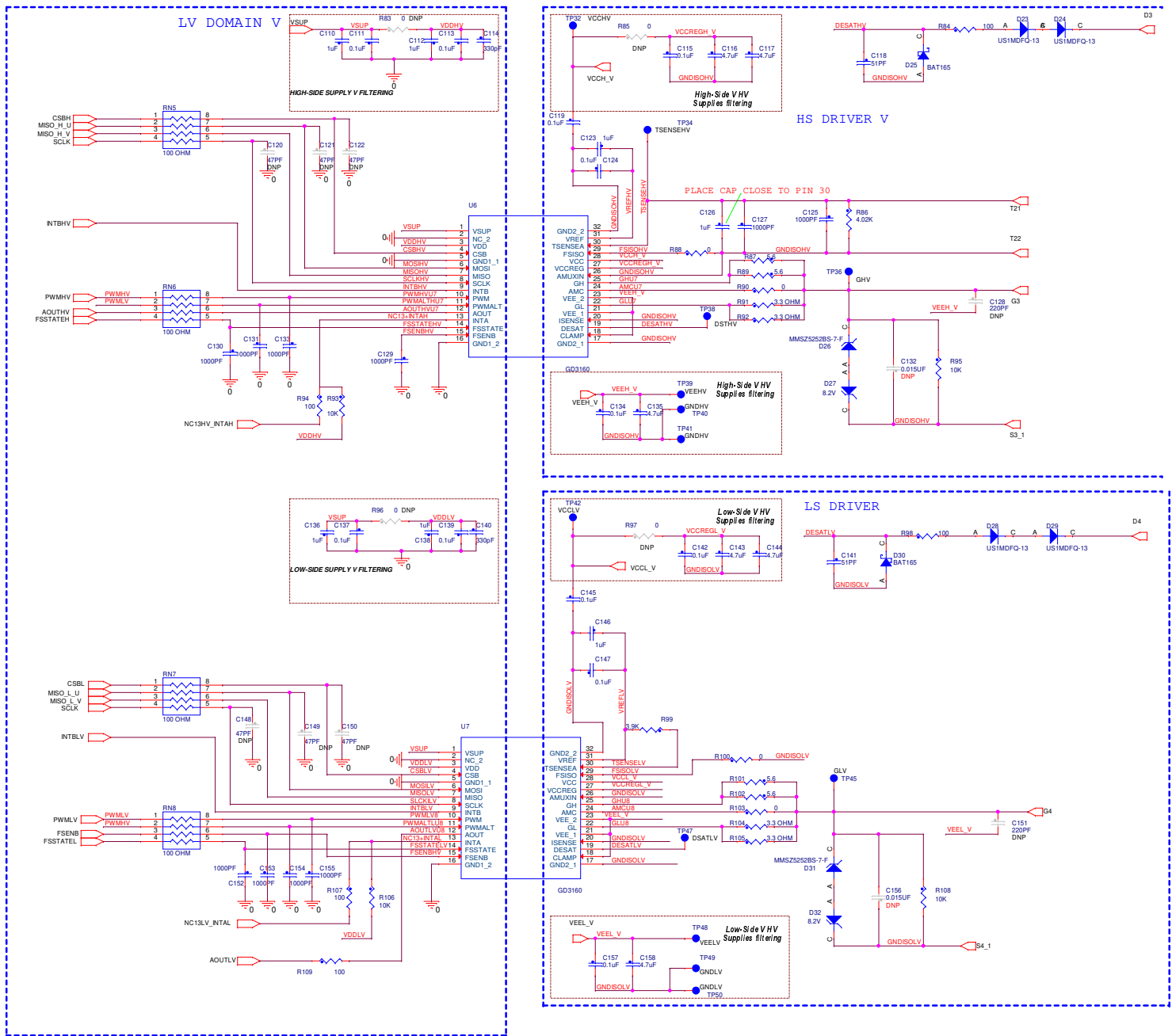
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POWER SUPPLY V



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RDGD31603PHSEVM				
Page Title:				
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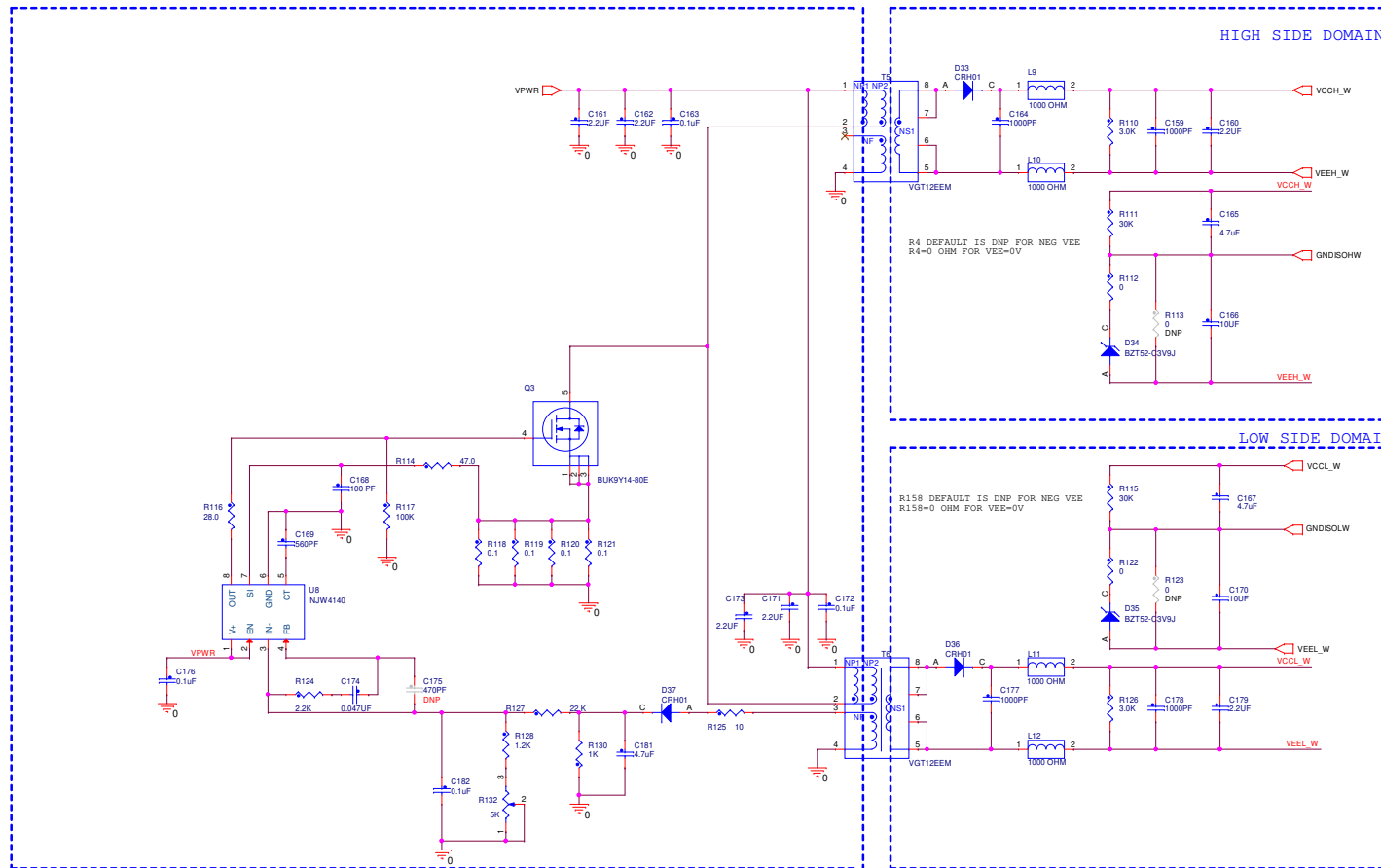


GATE DRIVE PHASE V

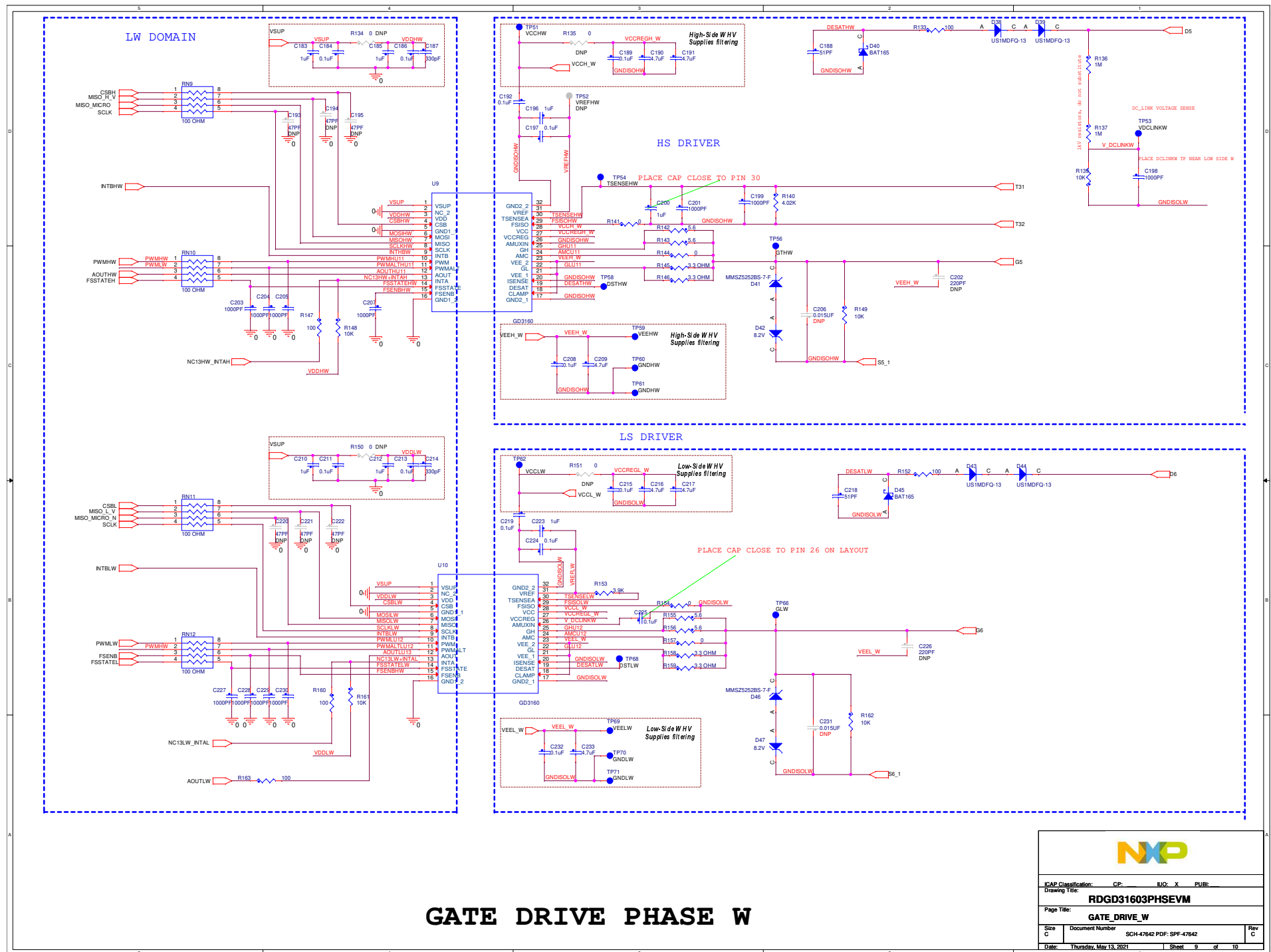


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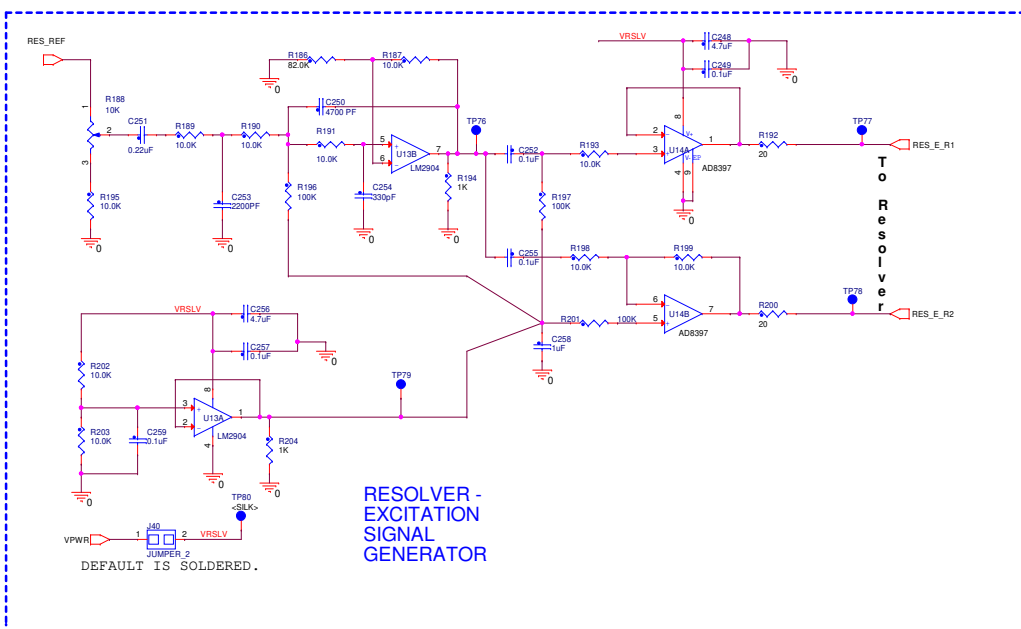
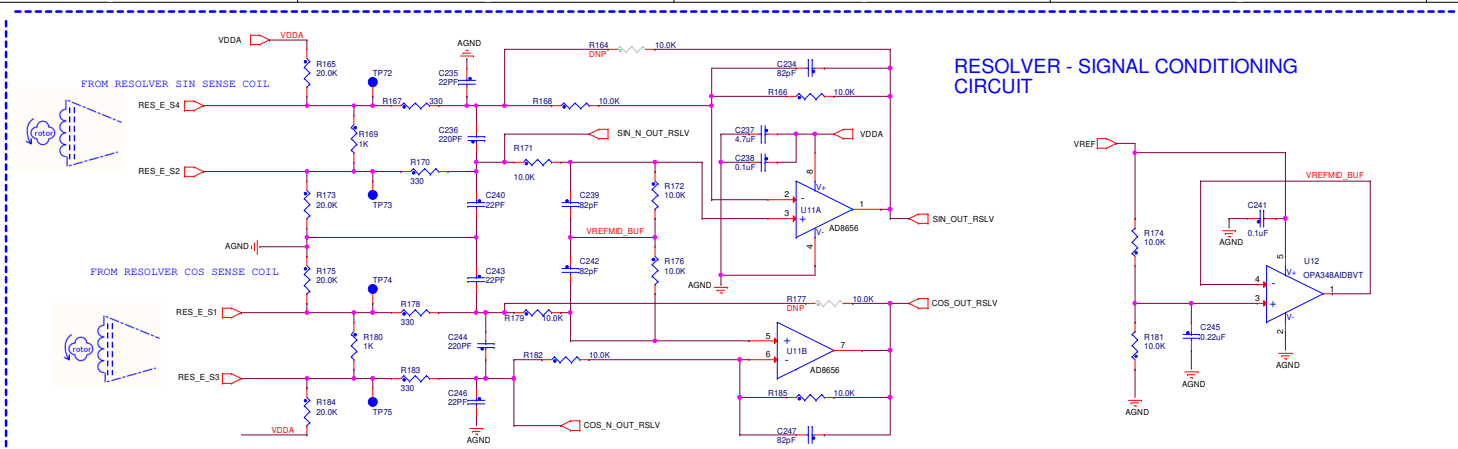
POWER SUPPLY W



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Resolver

RDGD31603PHSEVM			
RESOLVER			
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