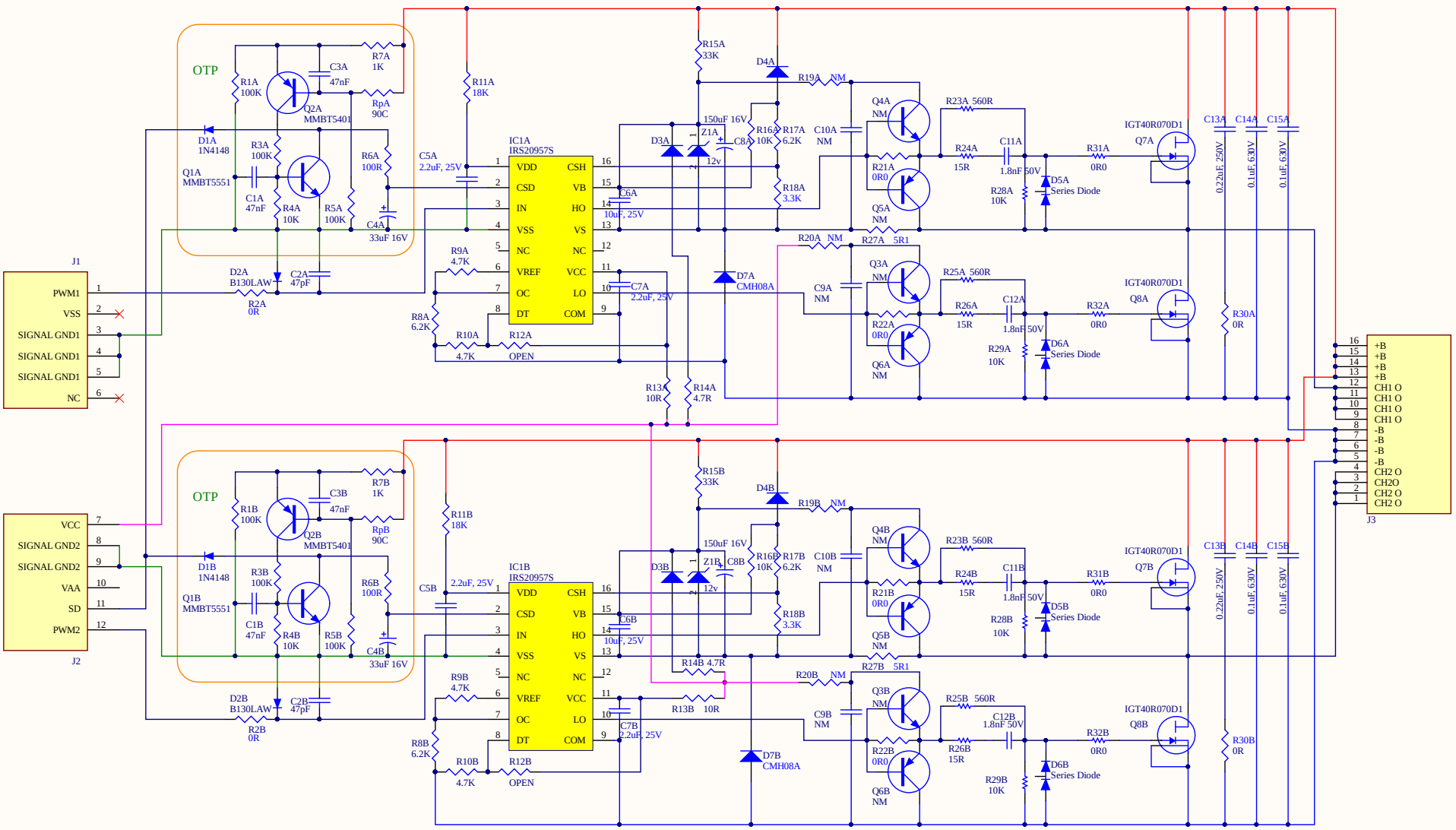

OTP
J1
PWM1
VSS
SIGNAL GND1
SIGNAL GND1
SIGNAL GND1
NC
J2
VCC
SIGNAL GND2
SIGNAL GND2
VAA
SD
PWM2
IC1A
IRS20957S
IC1B
IRS20957S
VDD
CSD
IN
VSS
NC
VREF
OC
DT
CSH
VB
HO
VS
NC
VCC
LO
COM
R1A 100K
R3A 100K
C1A 47nF
R4A 10K
R5A 100K
R6A 100R
R7A 1K
C3A 47nF
RpA 90C
Q1A MMBT5551
Q2A MMBT5401
D1A 1N4148
C4A 33uF 16V
R1B 100K
R3B 100K
C1B 47nF
R4B 10K
R5B 100K
R6B 100R
R7B 1K
C3B 47nF
RpB 90C
Q1B MMBT5551
Q2B MMBT5401
D1B 1N4148
C4B 33uF 16V
D2A B130LAW
C2A 47pF
R2A 0R
D2B B130LAW
C2B 47pF
R2B 0R
C5A 2.2uF, 25V
C5B 2.2uF, 25V
R11A 18K
R11B 18K
R9A 4.7K
R8A 6.2K
R10A 4.7K
R12A OPEN
R9B 4.7K
R8B 6.2K
R10B 4.7K
R12B OPEN
C6A 10uF, 25V
C6B 10uF, 25V
C7A 2.2uF, 25V
C7B 2.2uF, 25V
R15A 33K
R15B 33K
D3A
Z1A 12v
D3B
Z1B 12v
150uF 16V
C8A
C8B
R16A 10K
R17A 6.2K
R18A 3.3K
R16B 10K
R17B 6.2K
R18B 3.3K
D4A
D4B
R19A NM
R19B NM
R20A NM
R20B NM
C9A NM
C9B NM
C10A NM
C10B NM
D7A CMH08A
D7B CMH08A
R13A 10R
R14A 4.7R
R14B 4.7R
R13B 10R
Q4A NM
Q5A NM
Q3A NM
Q6A NM
Q4B NM
Q5B NM
Q3B NM
Q6B NM
R21A 0R0
R22A 0R0
R21B 0R0
R22B 0R0
R23A 560R
R24A 15R
R25A 560R
R26A 15R
R23B 560R
R24B 15R
R25B 560R
R26B 15R
R27A 5R1
R27B 5R1
C11A 1.8nF 50V
C12A 1.8nF 50V
C11B 1.8nF 50V
C12B 1.8nF 50V
R28A 10K
R29A 10K
R28B 10K
R29B 10K
D5A Series Diode
D6A Series Diode
D5B Series Diode
D6B Series Diode
R31A 0R0
R32A 0R0
R31B 0R0
R32B 0R0
IGT40R070D1
Q7A
Q8A
Q7B
Q8B
C13A 0.22uF, 250V
C14A 0.1uF, 630V
C15A 0.1uF, 630V
C13B 0.22uF, 250V
C14B 0.1uF, 630V
C15B 0.1uF, 630V
R30A 0R
R30B 0R
J3
+B
+B
+B
+B
CH1 O
CH1 O
CH1 O
CH1 O
-B
-B
-B
-B
CH2 O
CH2O
CH2 O
CH2 O
Title
IRAUDAMP24 - DB GaN-TOLL
1.0
Size
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Number
Revision
Date: 10/30/2019
Sheet of
File: C:\Liz\..\AMP24_DB Rev1.2.SchDoc
Drawn By: