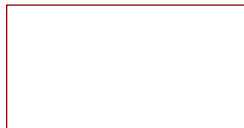


Band data



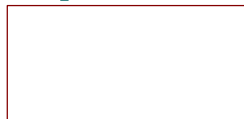
File: band_data.kicad_sch

SWR



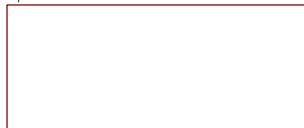
File: SWR.kicad_sch

Current_meas



File: Current_meas.kicad_sch

cpu



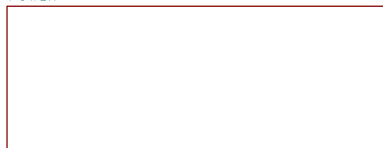
File: cpu.kicad_sch

FAN_CNTRL



File: fancntrl.kicad_sch

POWER



File: power.kicad_sch

PTT



File: ptt.kicad_sch

CONNECTORS



File: connectors.kicad_sch

RRIO OPAMP "MCP6241U"
OH8LQ.COM

Sheet: /
File: LDMOS_control_v5.2CAT.kicad_sch

Title: LDMOS control unit

Size: A4 Date: 2024-04-28

KiCad E.D.A. 10.0.1

Rev: v5.1

Id: 1/9

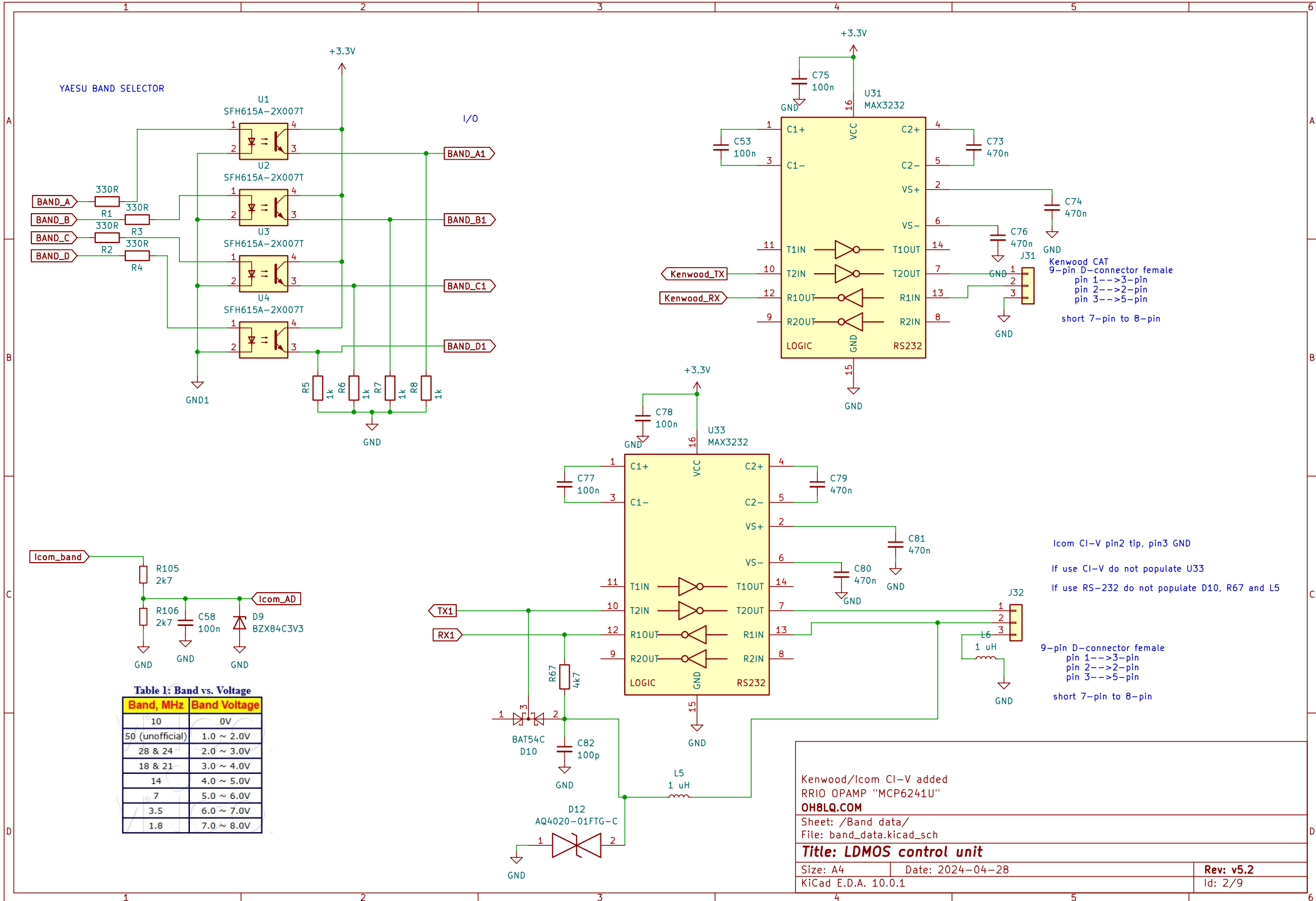


Table 1: Band vs. Voltage

Band, MHz	Band Voltage
10	0V
50 (unofficial)	1.0 ~ 2.0V
28 & 24	2.0 ~ 3.0V
18 & 21	3.0 ~ 4.0V
14	4.0 ~ 5.0V
7	5.0 ~ 6.0V
3.5	6.0 ~ 7.0V
1.8	7.0 ~ 8.0V

Kenwood CAT
9-pin D-connector female
pin 1-->3-pin
pin 2-->2-pin
pin 3-->5-pin
short 7-pin to 8-pin

Icom CI-V pin2 tip, pin3 GND
If use CI-V do not populate U33
If use RS-232 do not populate D10, R67 and L5

9-pin D-connector female
pin 1-->3-pin
pin 2-->2-pin
pin 3-->5-pin
short 7-pin to 8-pin

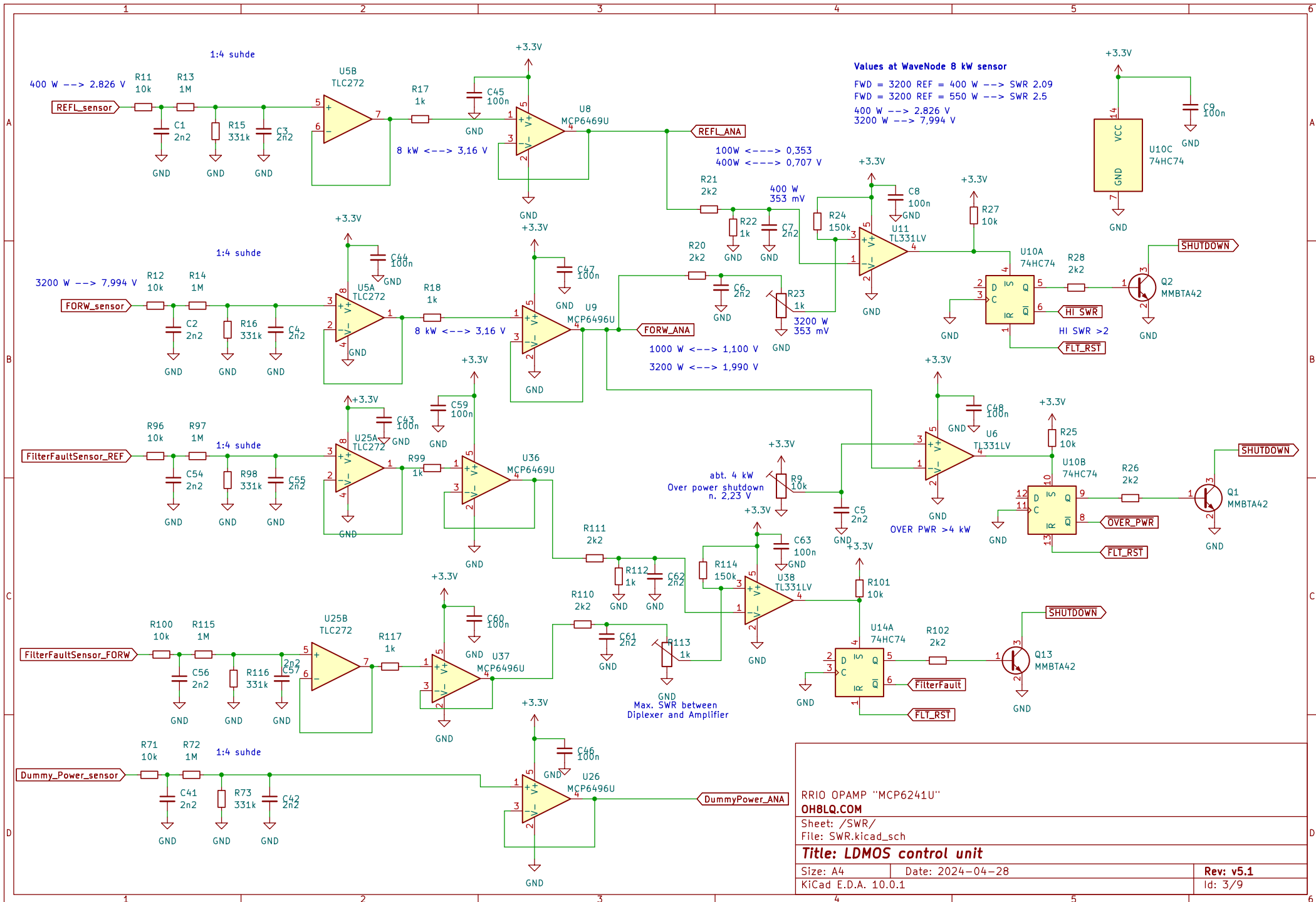
Kenwood/Icom CI-V added
RRIO OPAMP "MCP6241U"
OH8LQ.COM

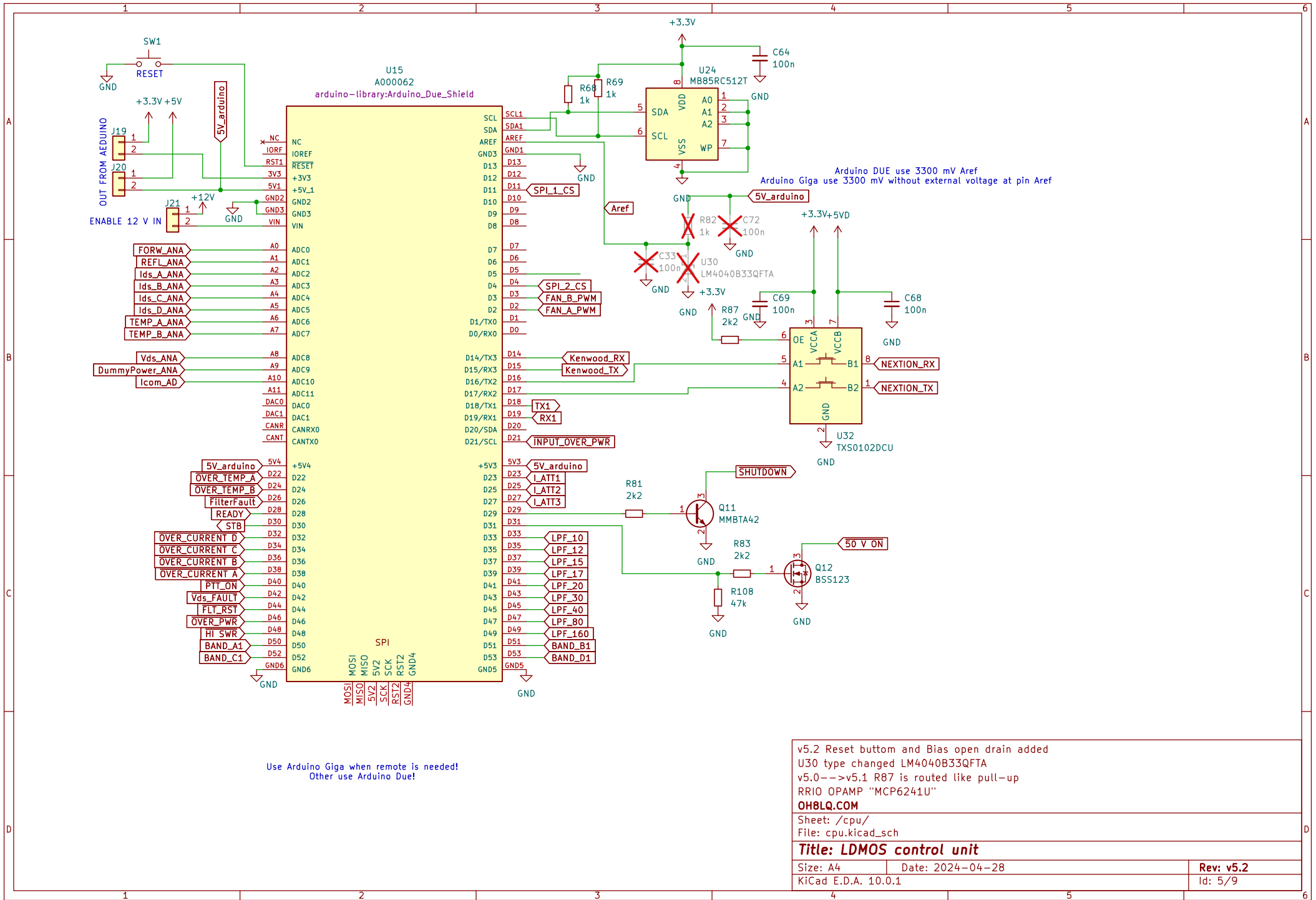
Sheet: /Band data/
File: band_data.kicad_sch

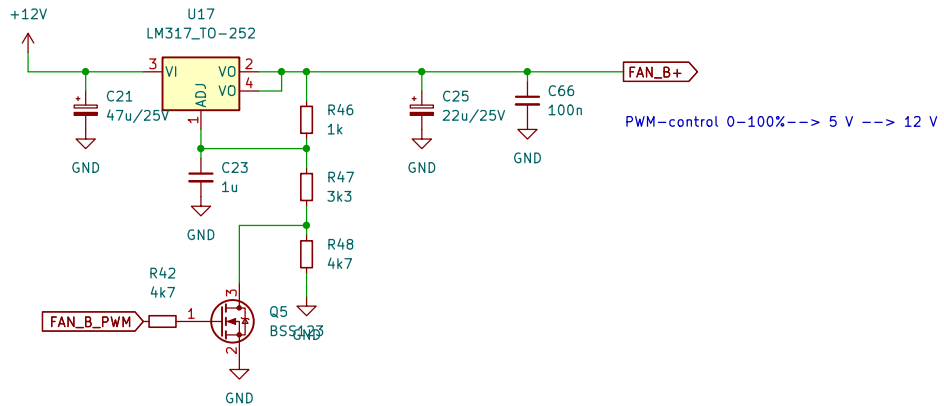
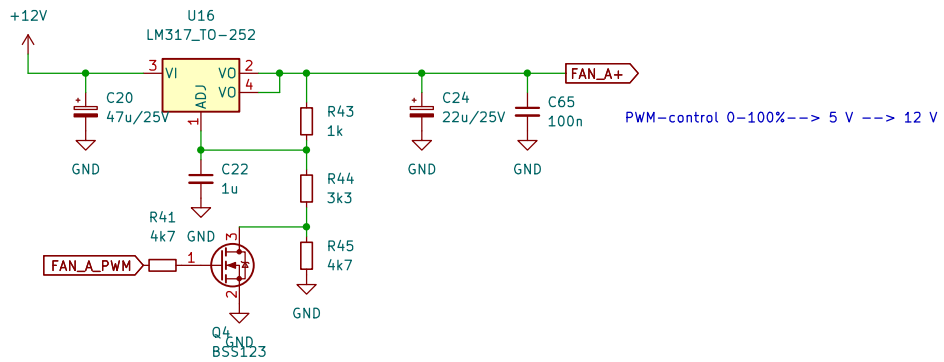
Title: LDMOS control unit

Size: A4 Date: 2024-04-28
KiCad E.D.A. 10.0.1

Rev: v5.2
Id: 2/9







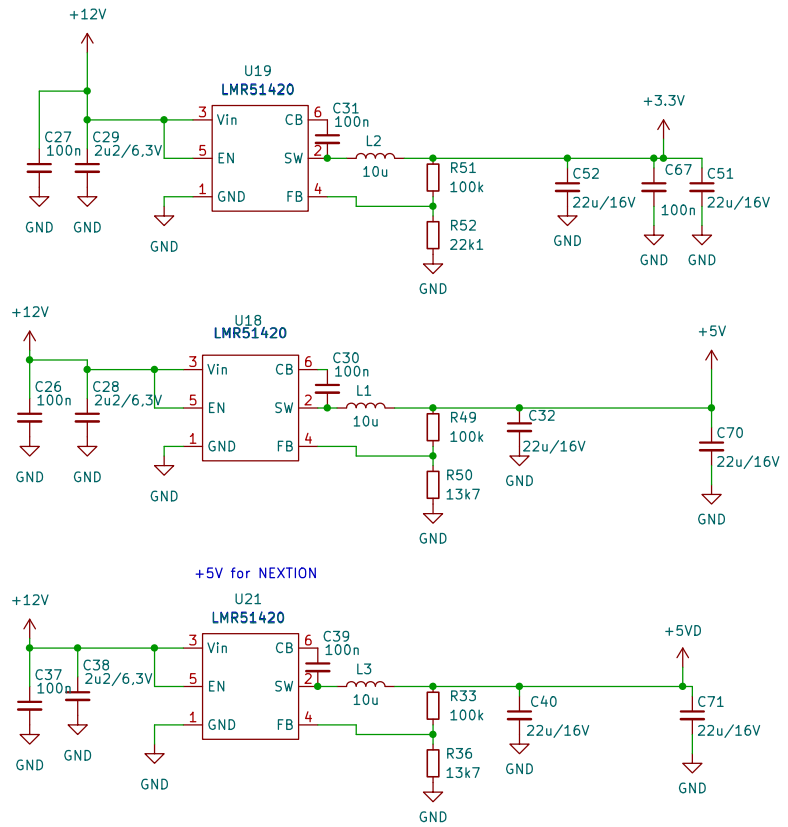
RRIO OPAMP "MCP6241U"
OH8LQ.COM

Sheet: /FAN_CNTRL/
File: fancntrl.kicad_sch

Title: LDMOS control unit

Size: A4 Date: 2024-04-28
KiCad E.D.A. 10.0.1

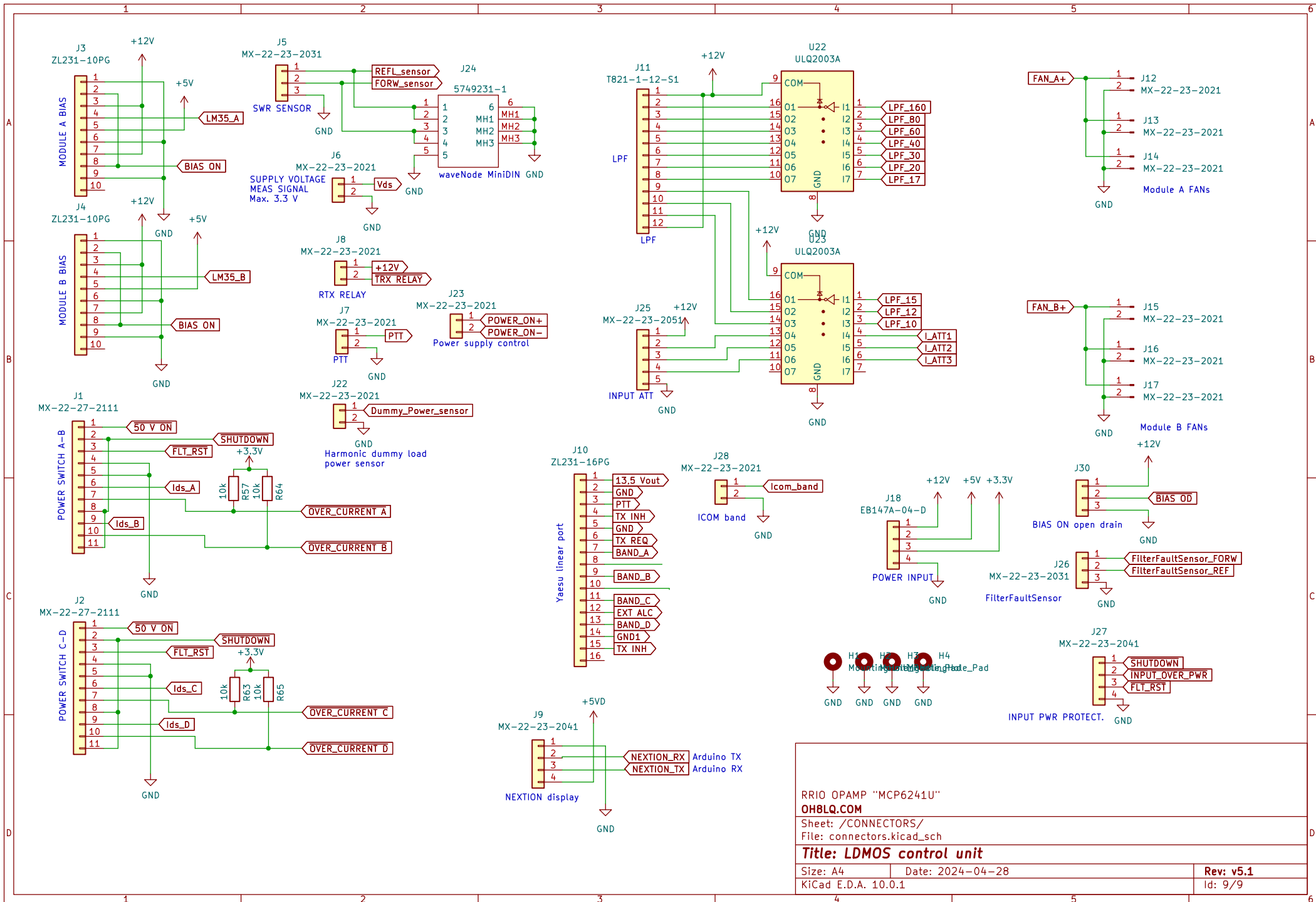
Rev: v5.1
Id: 6/9



RRIO OPAMP "MCP6241U"
 OH8LQ.COM
 Sheet: /POWER/
 File: power.kicad_sch

Title: LDMOS control unit

Size: A4	Date: 2024-04-28	Rev: v5.1
KiCad E.D.A. 10.0.1		Id: 7/9



RRIO OPAMP "MCP6241U"	
OH8LQ.COM	
Sheet: /CONNECTORS/	
File: connectors.kicad_sch	
Title: LDMOS control unit	
Size: A4	Date: 2024-04-28
KiCad E.D.A. 10.0.1	Rev: v5.1
	Id: 9/9