

Power Input and Protection

5V Output Regulator

Board Harnesses

Testpoints

Decoders

Column Drivers

Row Drivers

Pulse Protection

Shift Registers

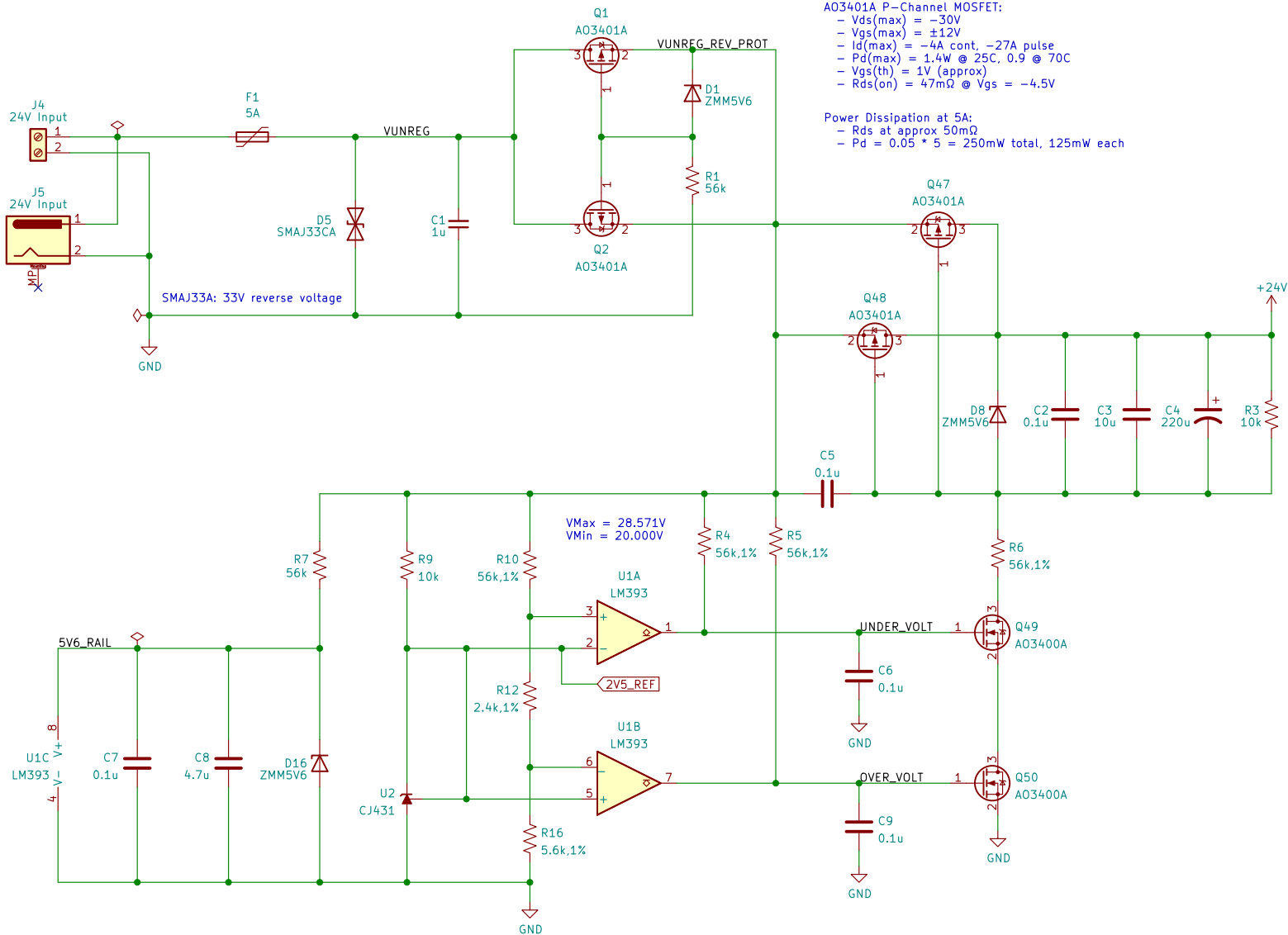
Indicator LEDs

Sheet: /
File: FlippyDriver.kicad_sch

Title: Luminator MAX3000 Custom Driver Board

Size: USLetter	Date: 2023-03-21
KiCad E.D.A. kicad (6.0.0-0)	

Rev: E
Id: 1/11

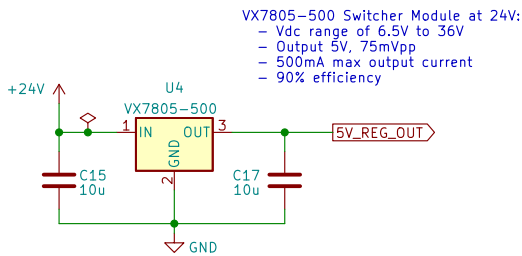


Sheet: /Power Input and Protection/
File: PowerInput.kicad_sch

Title: Luminator MAX3000 Custom Driver Board

Size: USLetter Date: 2023-03-21
KiCad E.D.A. kicad (6.0.0-0)

Rev: E
Id: 2/11



Sheet: /5V Output Regulator/
File: 5V_Reg.kicad_sch

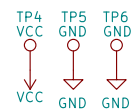
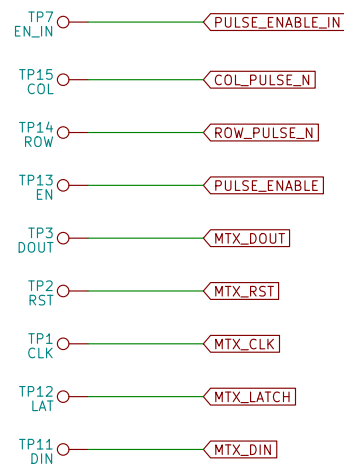
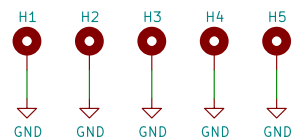
Title: Luminator MAX3000 Custom Driver Board

Size: A4 Date: 2023-03-21

KiCad E.D.A. kicad (6.0.0-0)

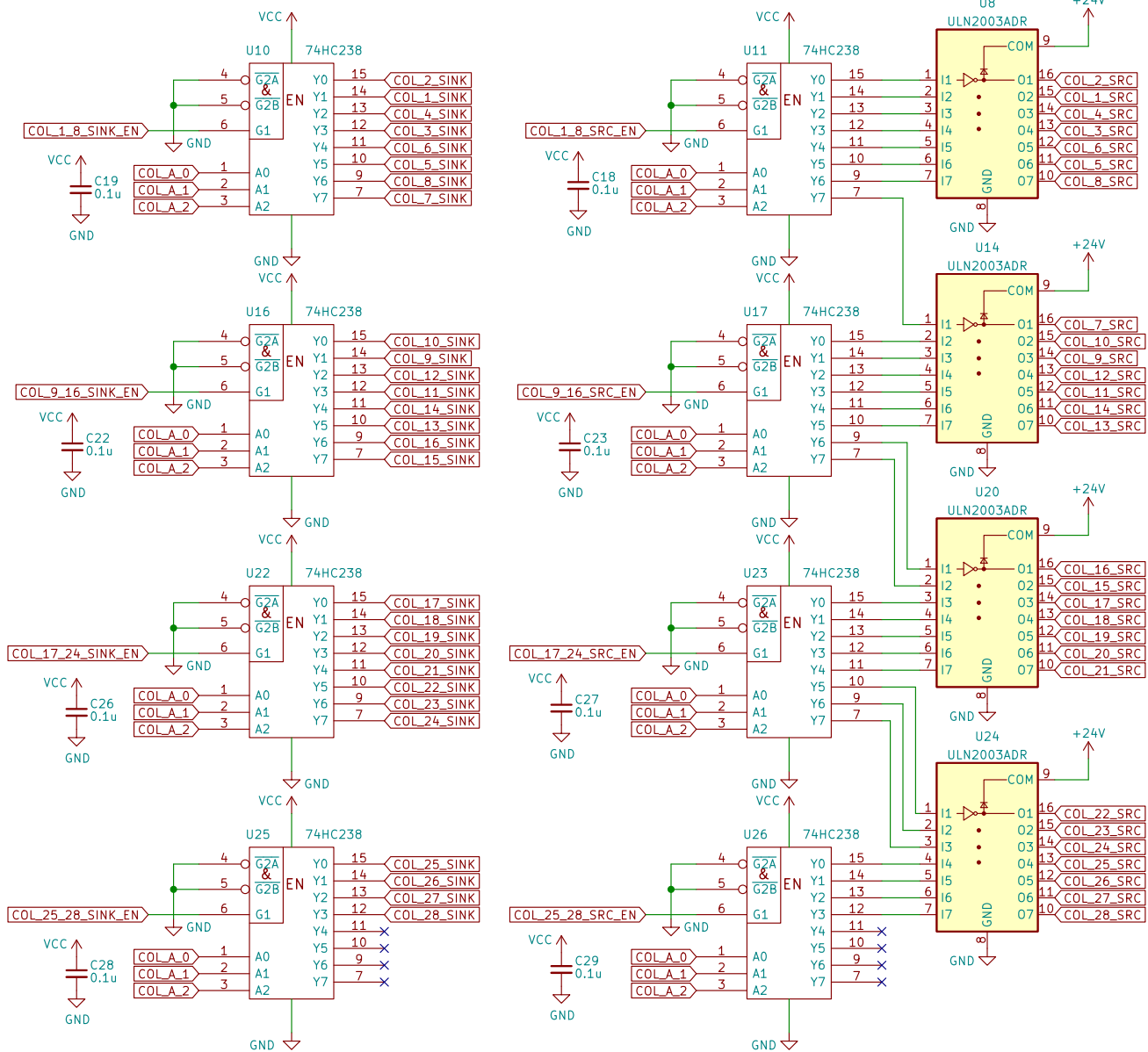
Rev: E

Id: 3/11

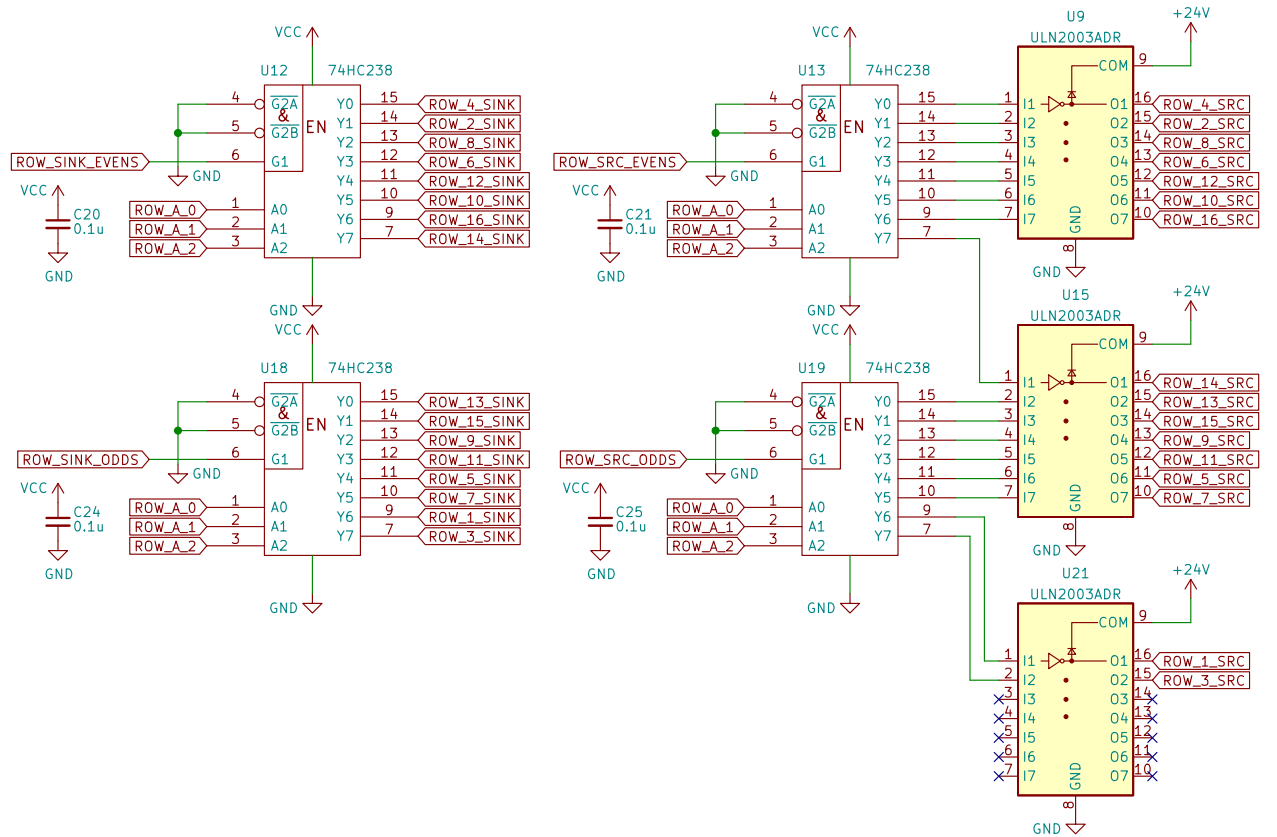


Sheet: /Testpoints/		
File: Testpoints.kicad_sch		
Title: Luminator MAX3000 Custom Driver Board		
Size: A4	Date: 2023-03-21	Rev: E
KiCad E.D.A. kicad (6.0.0-0)		Id: 5/11

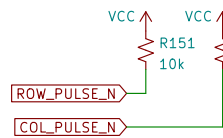
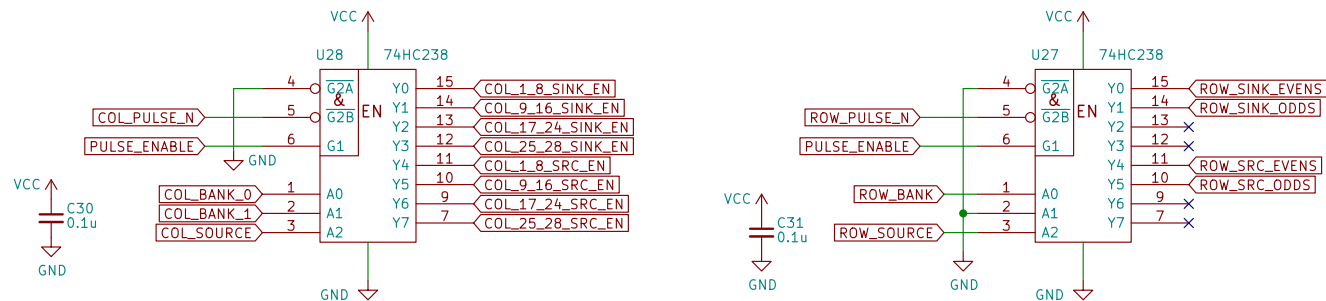
Column Banks



Row Banks



Bank Decoders



Order of Sink/Source lines is done to make routing cleaner

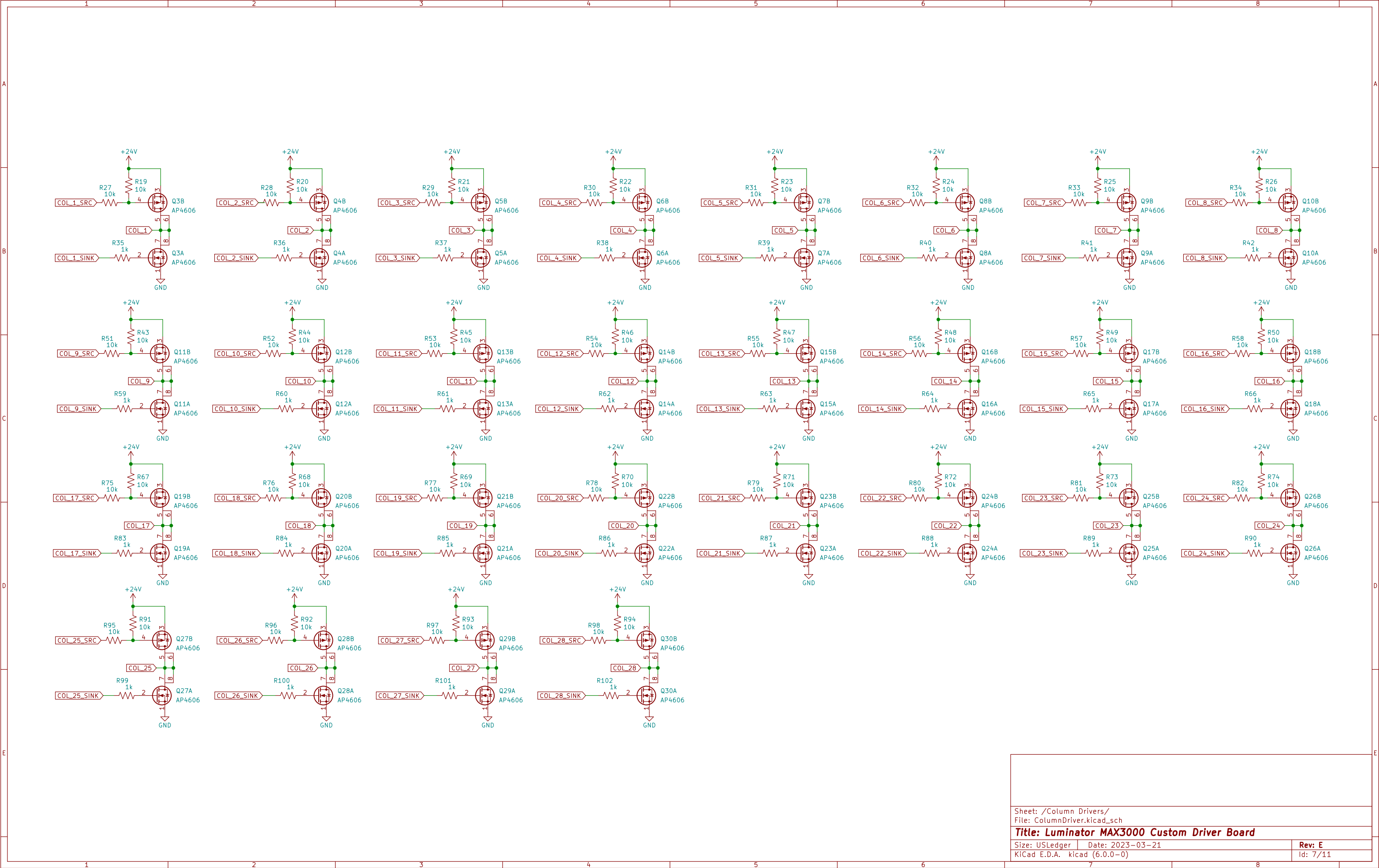
WARNING: Sink MUST be turned off before Source!
To RESET, current flows from COL to ROW_RESET
To SET, current flows from ROW_SET to COL

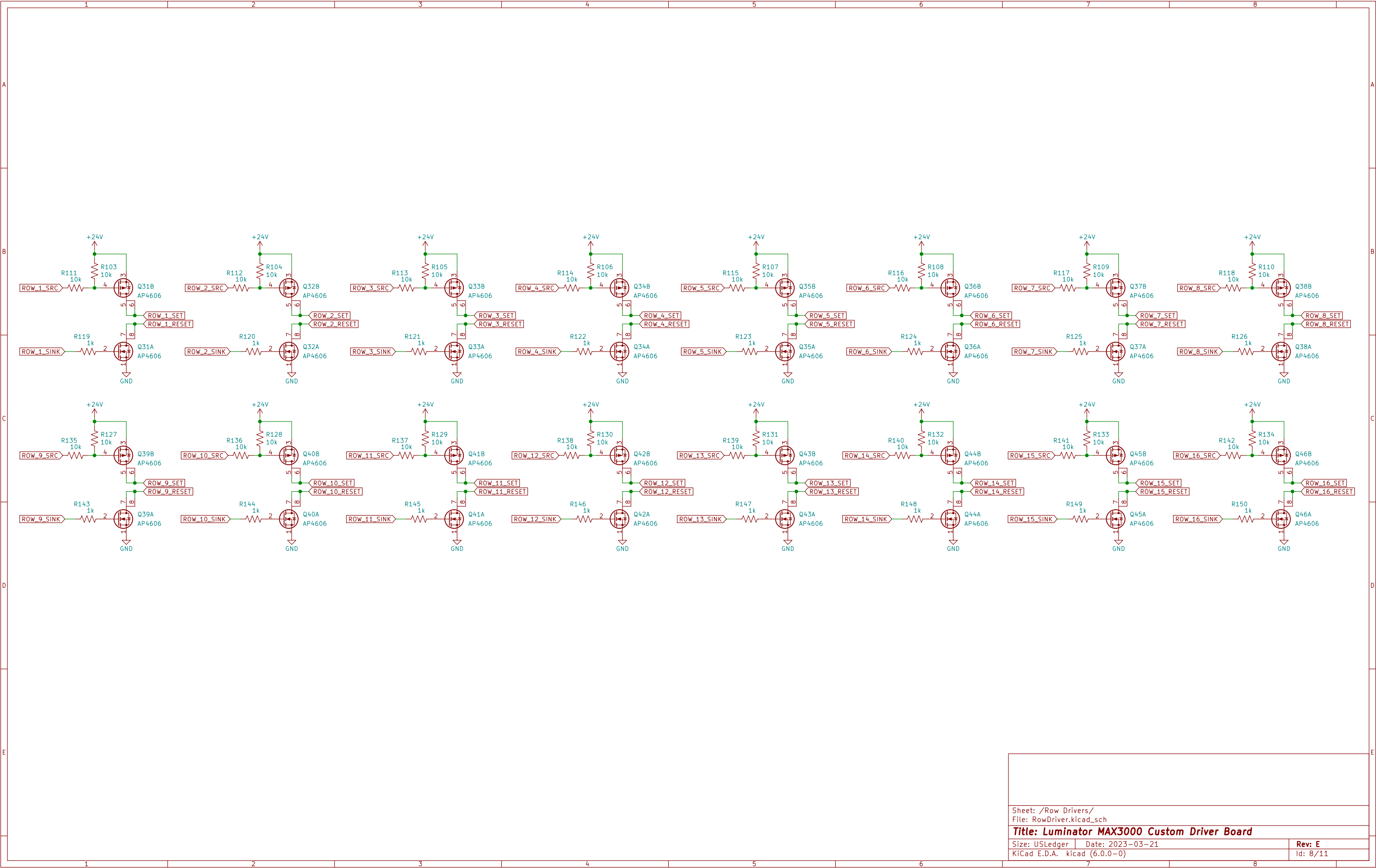
Sheet: /Decoders/
File: Decoders.kicad_sch

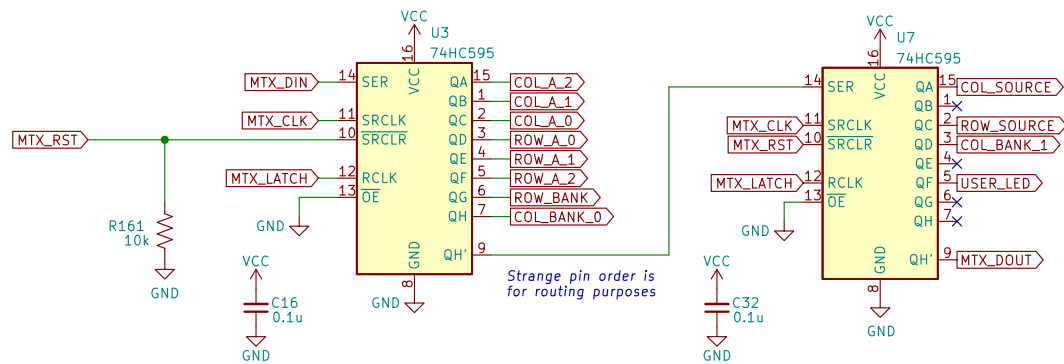
Title: Luminator MAX3000 Custom Driver Board

Size: USLedger | Date: 2023-03-21
KiCad E.D.A. kicad (6.0.0-0)

Rev: E
Id: 6/11







Sheet: /Shift Registers/
File: ShiftRegisters.kicad_sch

Title: Luminator MAX3000 Custom Driver Board

Size: A4
Date: 2023-03-21
KiCad E.D.A. kicad (6.0.0-0)

Rev: E
Id: 10/11

