

ALL BJTS 2N4401/2N4403 UNLESS OTHERWISE NOTED  
ALL DIODES 1N4148 UNLESS OTHERWISE NOTED  
Drawn by: Mark Vaughn  
**ZAM Industries, LLC**  
Sheet: /  
File: Lab06.kicad\_sch

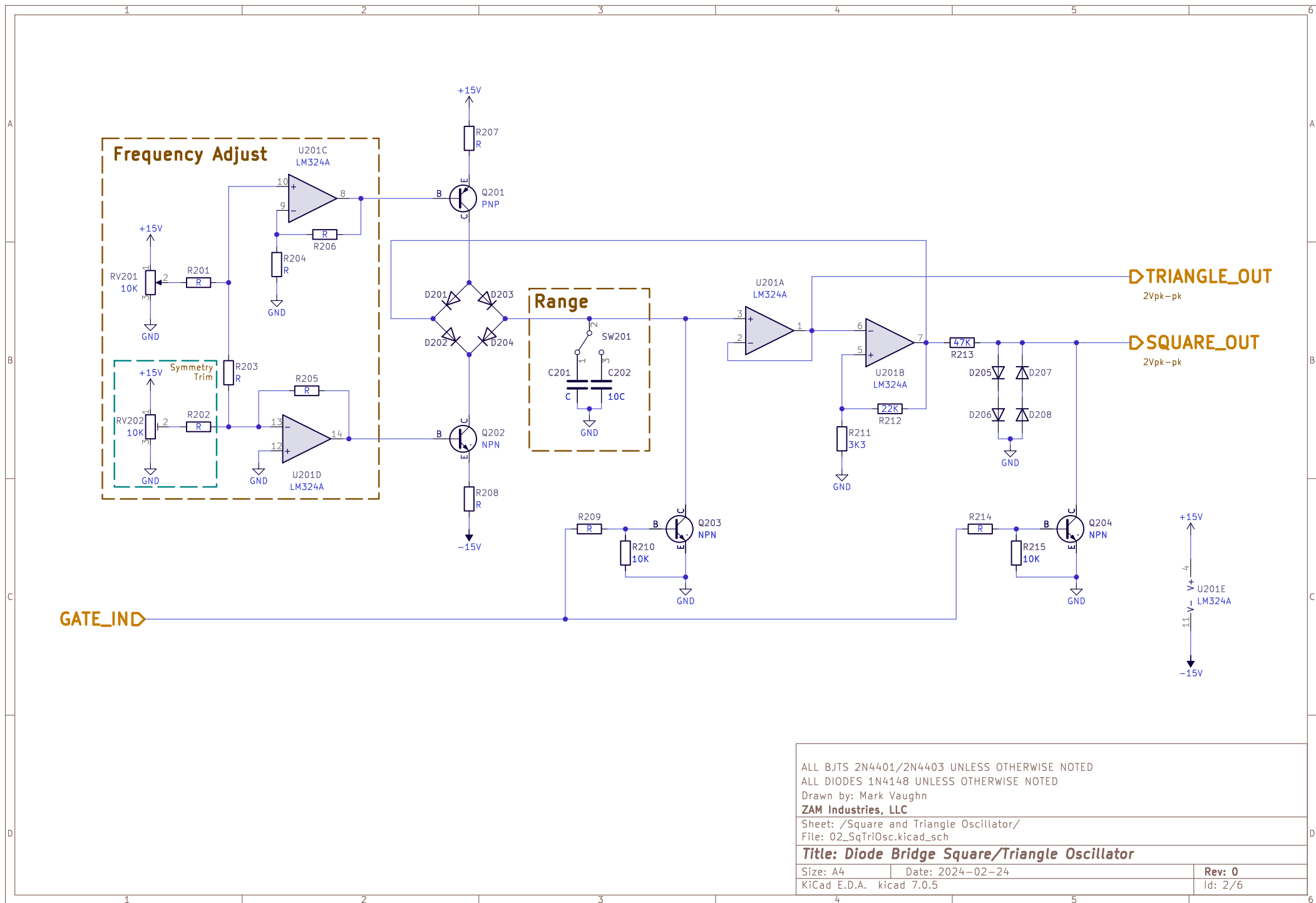
**Title: Basic Analog Function Generator**

Size: A3 Date: 2024-02-23

Rev: 0

KiCad E.D.A. kicad 7.0.5

Id: 1/6



ALL BJTS 2N4401/2N4403 UNLESS OTHERWISE NOTED

ALL DIODES 1N4148 UNLESS OTHERWISE NOTED

Drawn by: Mark Vaughn

**ZAM Industries, LLC**

Sheet: /Square and Triangle Oscillator/

File: 02\_SqTriOsc.kicad\_sch

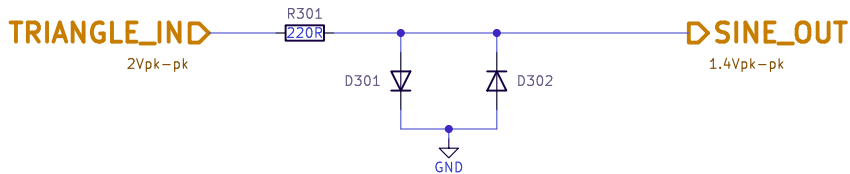
**Title: Diode Bridge Square/Triangle Oscillator**

Size: A4 Date: 2024-02-24

KiCad E.D.A. kicad 7.0.5

**Rev: 0**

Id: 2/6



ALL BJTS 2N4401/2N4403 UNLESS OTHERWISE NOTED

ALL DIODES 1N4148 UNLESS OTHERWISE NOTED

Drawn by: Mark Vaughn

**ZAM Industries, LLC**

Sheet: /Sinewave Shaper/

File: 03\_SinShape.kicad\_sch

**Title: Very Simple Sine Converter**

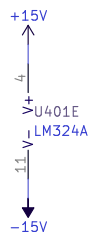
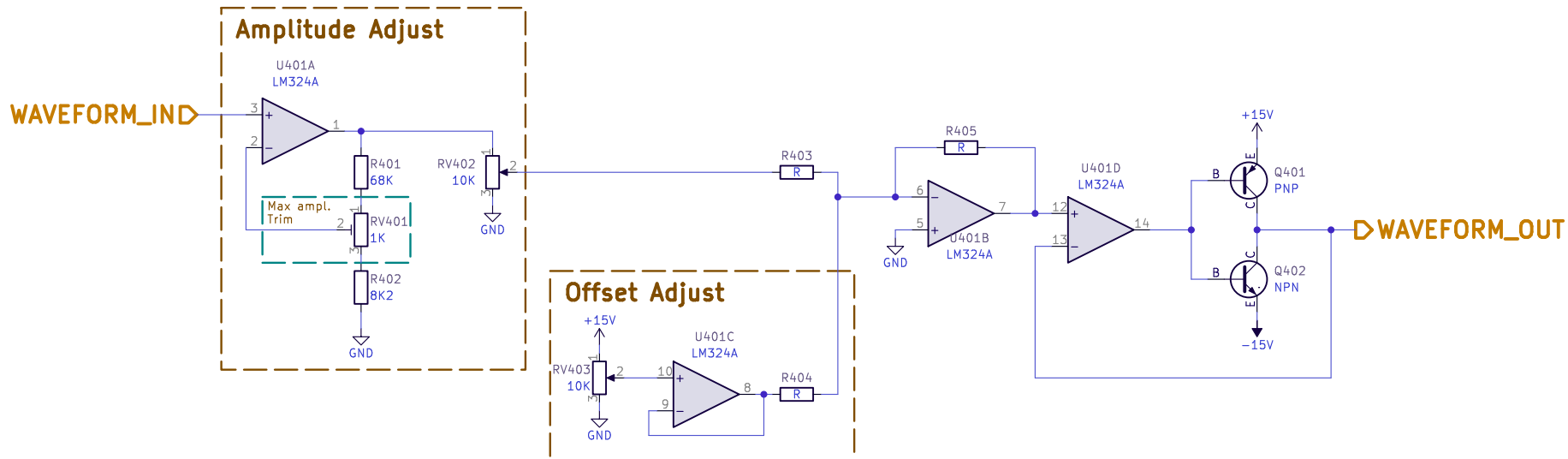
Size: User

Date: 2024-02-24

**Rev: 0**

KiCad E.D.A. kicad 7.0.5

Id: 3/6



ALL BJTS 2N4401/2N4403 UNLESS OTHERWISE NOTED  
 ALL DIODES 1N4148 UNLESS OTHERWISE NOTED  
 Drawn by: Mark Vaughn

**ZAM Industries, LLC**

Sheet: /Primary Drive Circuitry/  
 File: 04\_PrimaryDrive.kicad\_sch

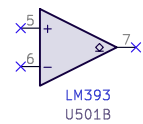
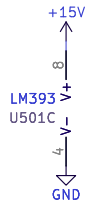
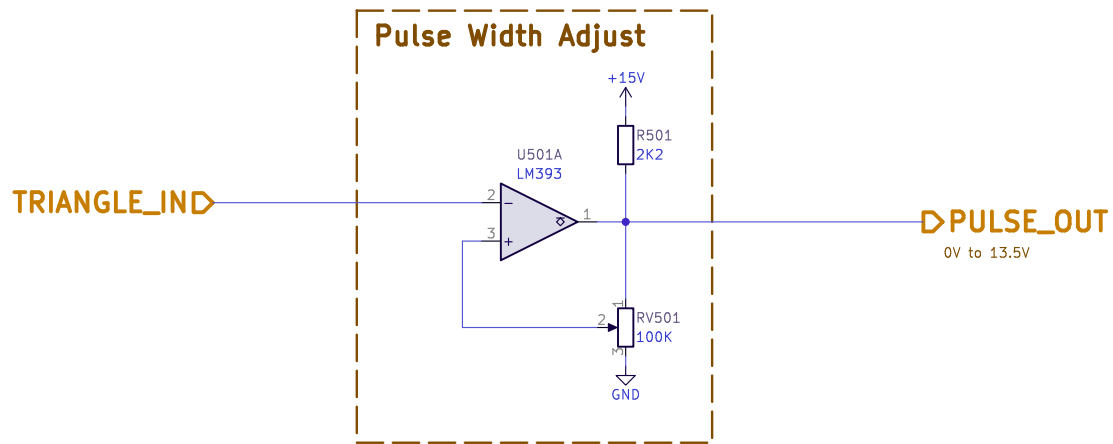
**Title: Triangle/Square/Sine Output Driver**

Size: A4 Date: 2024-02-24

KiCad E.D.A. kicad 7.0.5

Rev: 0

Id: 4/6



|   |                  |        |
|---|------------------|--------|
| ALL BJTS 2N4401/2N4403 UNLESS OTHERWISE NOTED |                  |        |
| ALL DIODES 1N4148 UNLESS OTHERWISE NOTED      |                  |        |
| Drawn by: Mark Vaughn                         |                  |        |
| ZAM Industries, LLC                           |                  |        |
| Sheet: /Pulse Width Control Circuitry/        |                  |        |
| File: 05_PWMcontrol.kicad_sch                 |                  |        |
| Title: Triangle to Pulse Converter            |                  |        |
| Size: A5                                      | Date: 2024-02-24 | Rev: 0 |
| KiCad E.D.A. kicad 7.0.5                      | Id: 5/6          |        |

