

**Idaho State
University**

**Robotics & Communications
Systems Engineering Technology**

Robotics And Communications Systems Engineeering Technology
1152 Martin Luther King Jr. Blvd
Pocatello, ID 83209
Drawn By: Owen Fujii

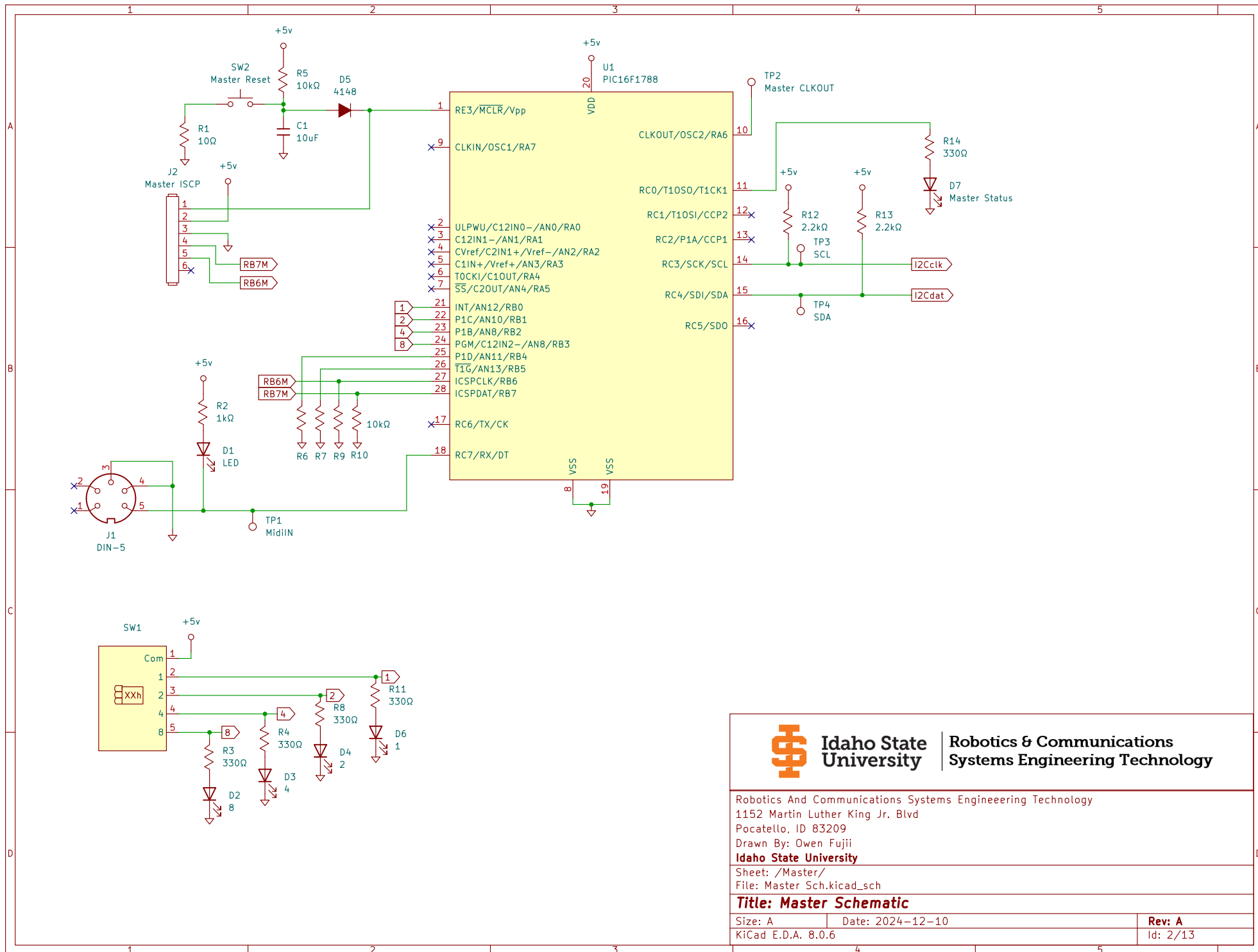
Idaho State University

Sheet: /
File: Midi Bass Sch.kicad_sch

Title: MIDI Bass Guitar Schmatic

Size: A Date: 2024-12-10
KiCad E.D.A. 8.0.6

Rev: A
Id: 1/13



Idaho State University

Robotics & Communications Systems Engineering Technology

Robotics And Communications Systems Engineering Technology
1152 Martin Luther King Jr. Blvd
Pocatello, ID 83209
Drawn By: Owen Fujii

Idaho State University

Sheet: /Master/
File: Master Sch.kicad_sch

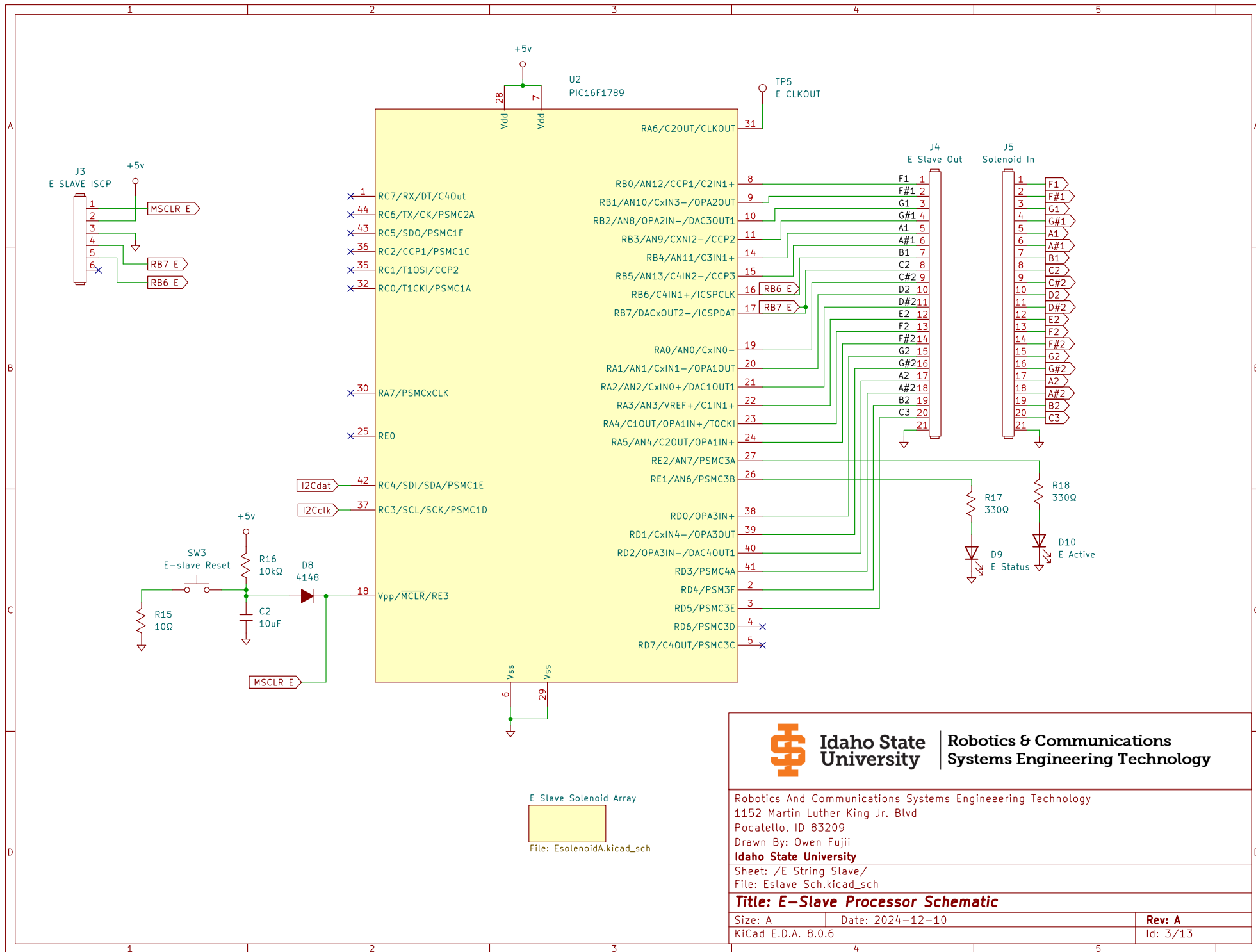
Title: Master Schematic

Size: A Date: 2024-12-10

KiCad E.D.A. 8.0.6

Rev: A

Id: 2/13



Idaho State University

Robotics & Communications Systems Engineering Technology

Robotics And Communications Systems Engineering Technology
1152 Martin Luther King Jr. Blvd
Pocatello, ID 83209
Drawn By: Owen Fujii

Idaho State University

Sheet: /E String Slave/

File: Eslave Sch.kicad_sch

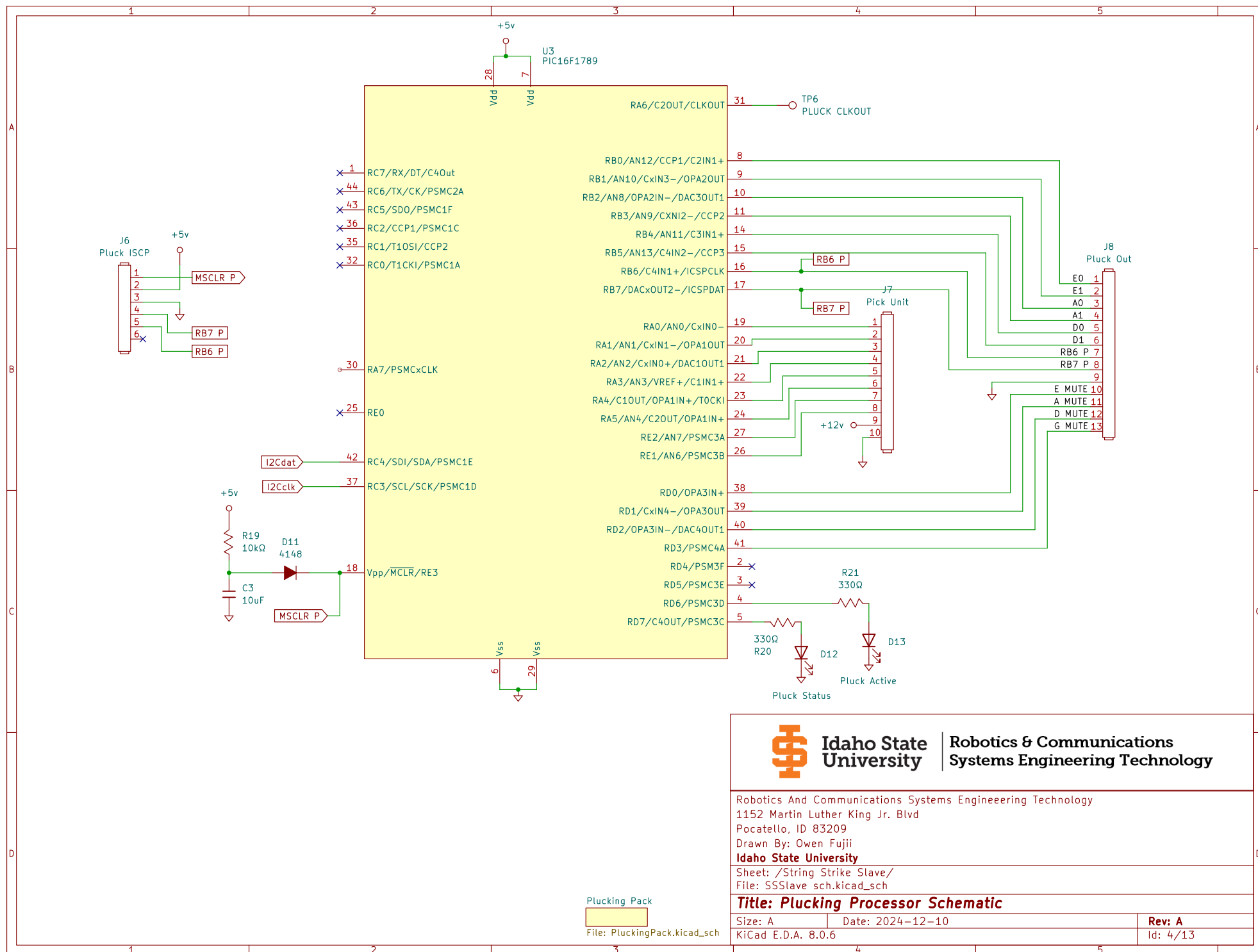
Title: E-Slave Processor Schematic

Size: A Date: 2024-12-10

KiCad E.D.A. 8.0.6

Rev: A

Id: 3/13



**Idaho State
University**

**Robotics & Communications
Systems Engineering Technology**

Robotics And Communications Systems Engineering Technology
1152 Martin Luther King Jr. Blvd
Pocatello, ID 83209
Drawn By: Owen Fujii

Idaho State University

Sheet: /String Strike Slave/
File: SSSlave sch.kicad_sch

Title: Plucking Processor Schematic

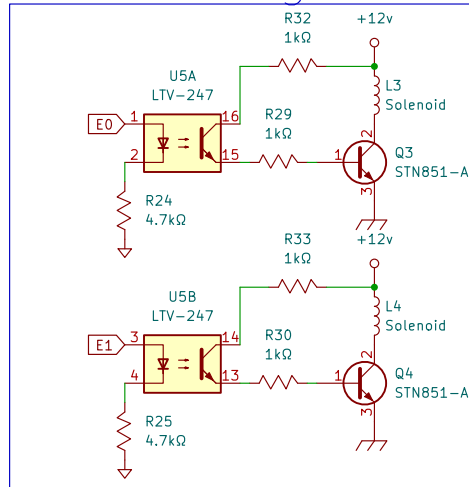
Size: A	Date: 2024-12-10
---------	------------------

KiCad E.D.A. 8.0.6

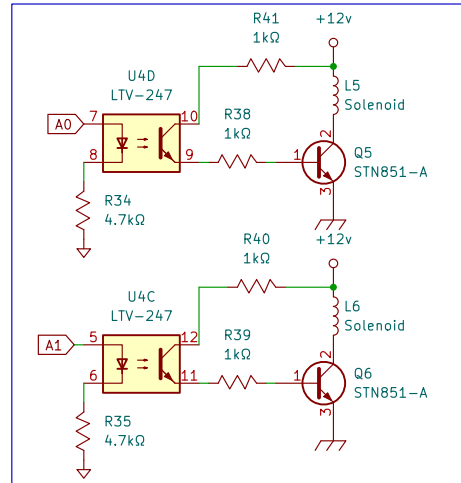
Rev: A

Id: 4/13

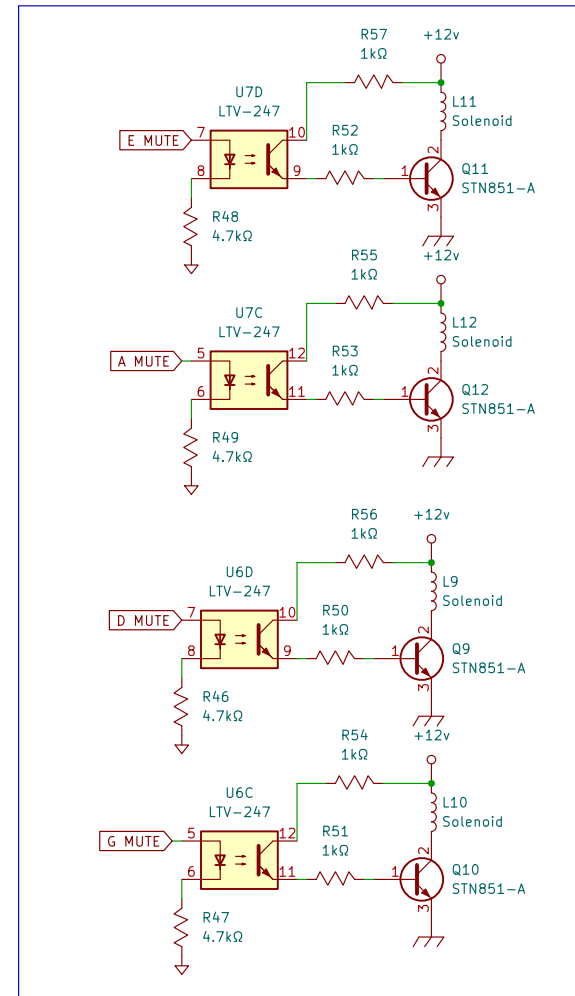
E Plucking Unit



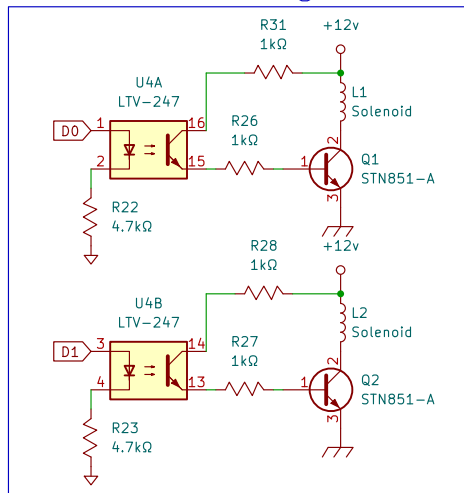
A Plucking Unit



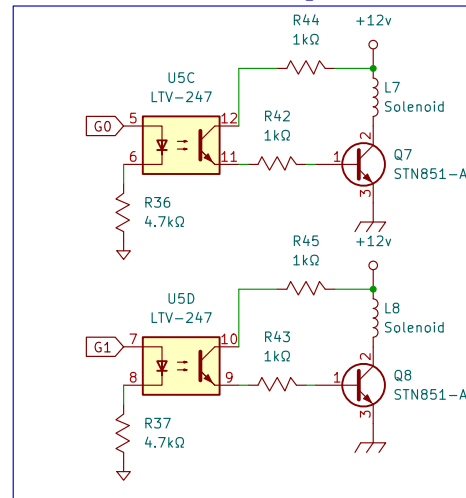
Muting Unit



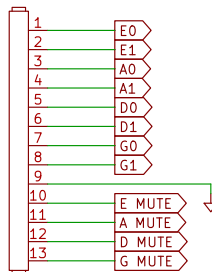
D Plucking Unit



G Plucking Unit



J9
Pluck IN



**Idaho State
University**

**Robotics & Communications
Systems Engineering Technology**

Robotics And Communications Systems Engineering Technology
1152 Martin Luther King Jr. Blvd
Pocatello, ID 83209
Drawn By: Owen Fujii

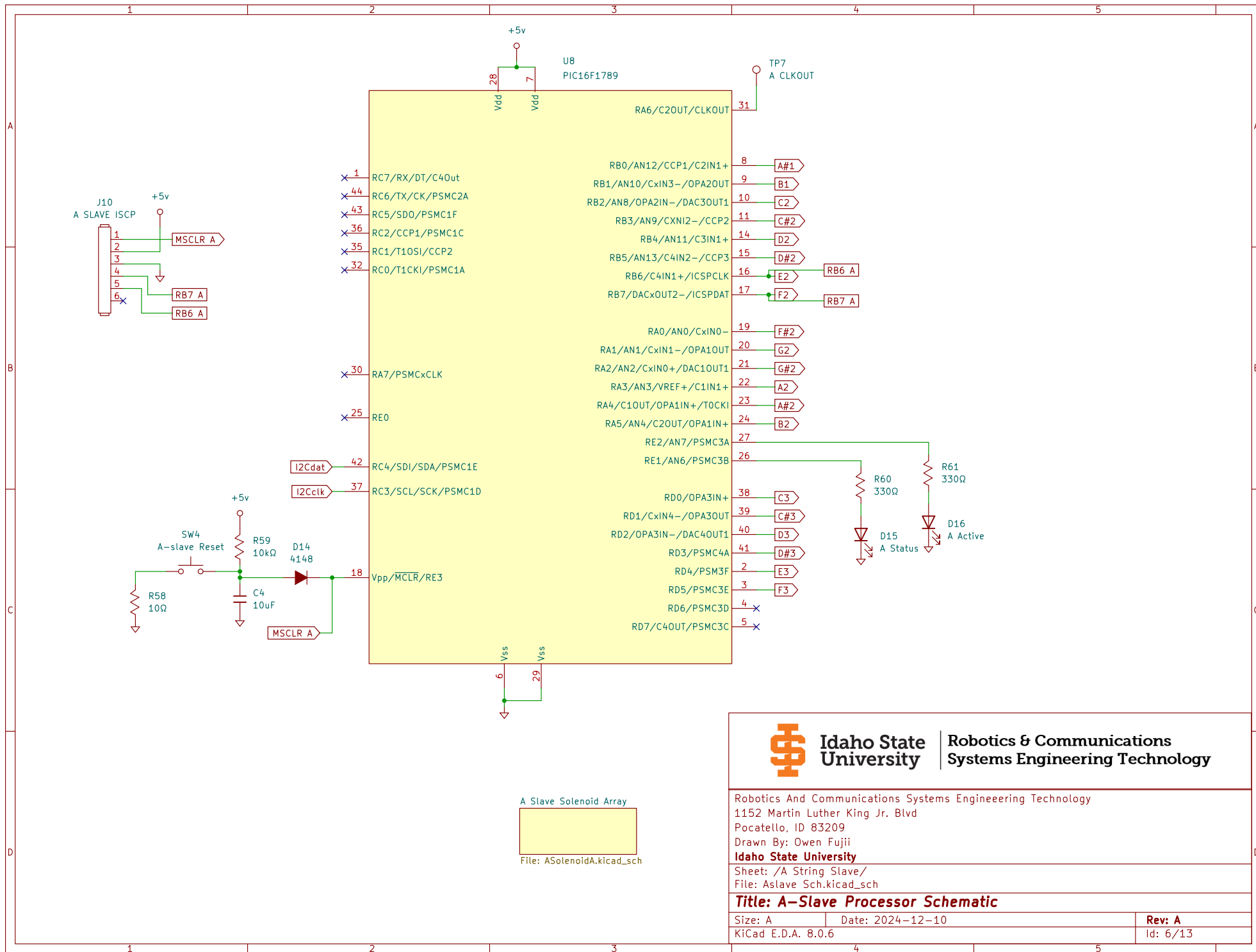
Idaho State University

Sheet: /String Strike Slave/Plucking Pack/
File: PluckingPack.kicad_sch

Title: Plucking Unit Solenoid Array

Size: A Date: 2024-12-10
KiCad E.D.A. 8.0.6

Rev: A
Id: 5/13



Idaho State
University

Robotics & Communications
Systems Engineering Technology

Robotics And Communications Systems Engineering Technology
1152 Martin Luther King Jr. Blvd
Pocatello, ID 83209
Drawn By: Owen Fujii

Idaho State University

Sheet: /A Slave Processor/
File: Aslave Sch.kicad_sch

Title: A-Slave Processor Schematic

Size: A Date: 2024-12-10

KiCad E.D.A. 8.0.6

Rev: A

Id: 6/13

Idaho State
University

**Robotics & Communications
Systems Engineering Technology**

Robotics And Communications Systems Engineering Technology
1152 Martin Luther King Jr. Blvd
Pocatello, ID 83209
Drawn By: Owen Fujii

Idaho State University

Sheet: /D String Slave/
File: Dslave Sch.kicad_sch

Title: D-Slave Processor Schematic

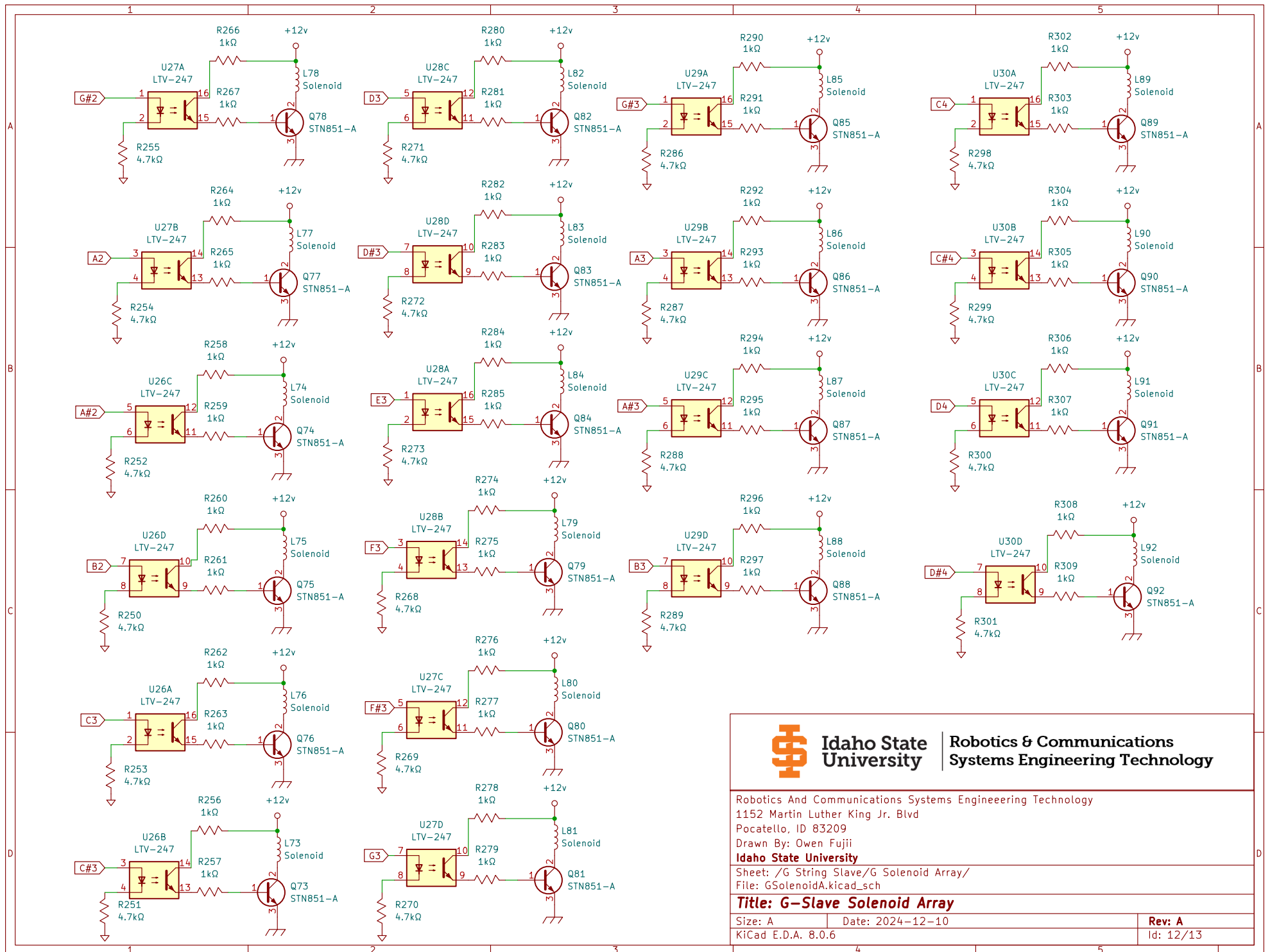
Size: A	Date: 2024-12-10
---------	------------------

KiCad E.D.A. 8.0.6

Rev: A

Id: 7/13





Idaho State University

Robotics & Communications Systems Engineering Technology

Robotics And Communications Systems Engineering Technology

1152 Martin Luther King Jr. Blvd

Pocatello, ID 83209

Drawn By: Owen Fujii

Idaho State University

Sheet: /G String Slave/G Solenoid Array/

File: GSolenoidA.kicad_sch

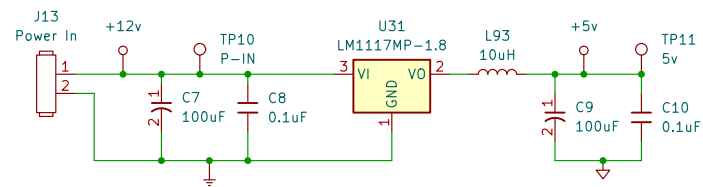
Title: G-Slave Solenoid Array

Size: A Date: 2024-12-10

KiCad E.D.A. 8.0.6

Rev: A

Id: 12/13



**Idaho State
University**

**Robotics & Communications
Systems Engineering Technology**

Robotics And Communications Systems Engineeering Technology

1152 Martin Luther King Jr. Blvd

Pocatello, ID 83209

Drawn By: Owen Fujii

Idaho State University

Sheet: /Power In/

File: PowerIn.kicad_sch

Title: Input Power Schematic

Size: A Date: 2024-12-10

KiCad E.D.A. 8.0.6

Rev: A

Id: 13/13