

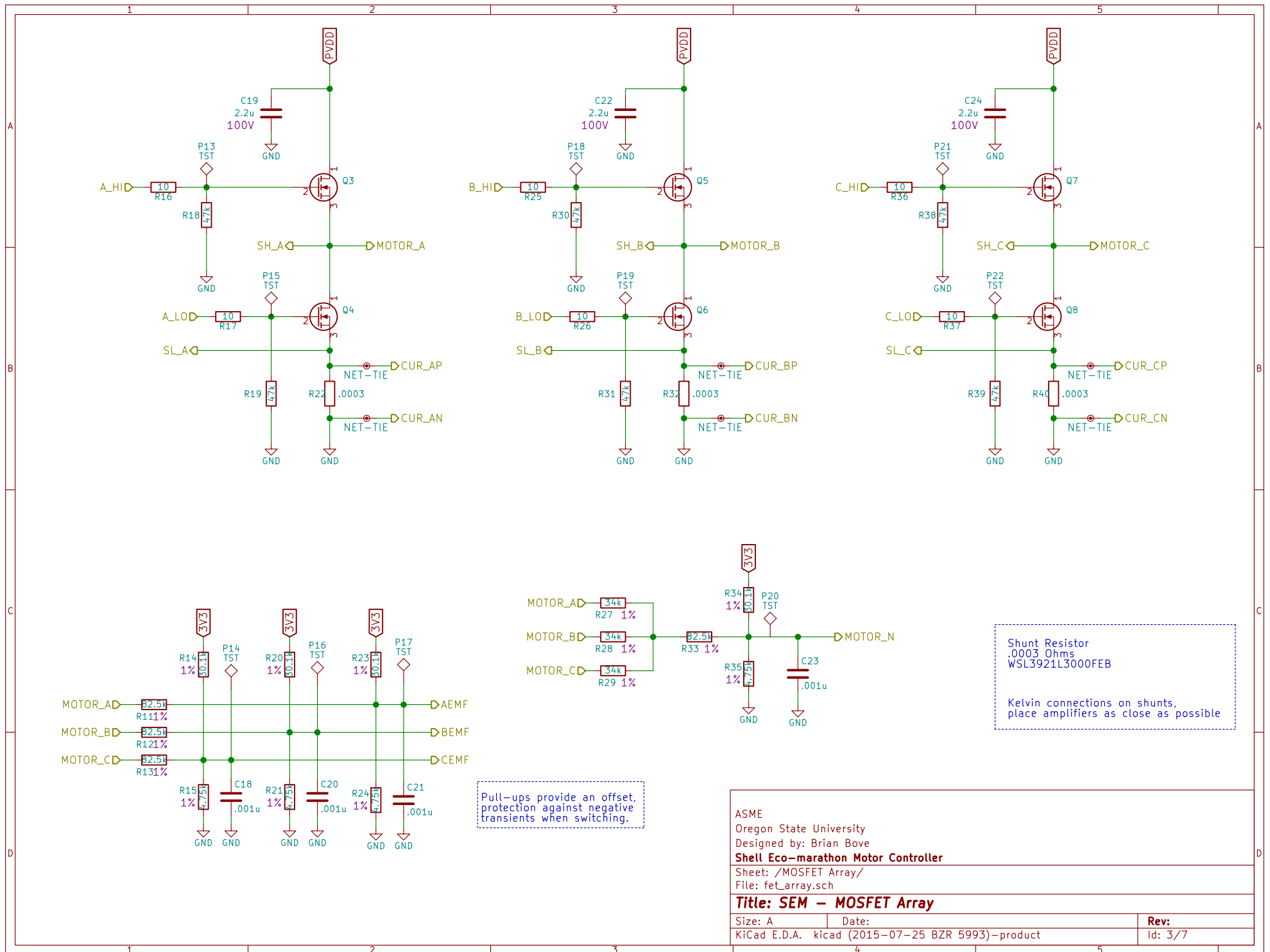
ASME  
Oregon State University  
Designed by: Brian Bove  
**Shell Eco-marathon Motor Controller**

Sheet: /FET Driver/  
File: driver.sch

### Title: SEM – MOSFET Array

Size: A4 Date:  
KiCad E.D.A. kicad (2015-07-25 BZR 5993)-product

Rev: v1.0  
Id: 2/7



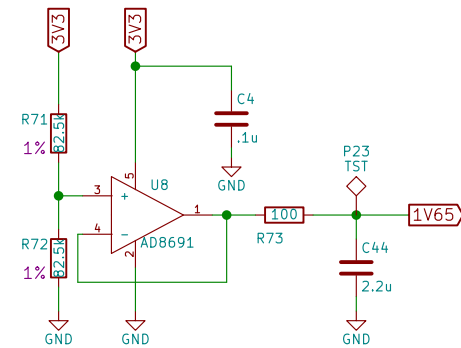
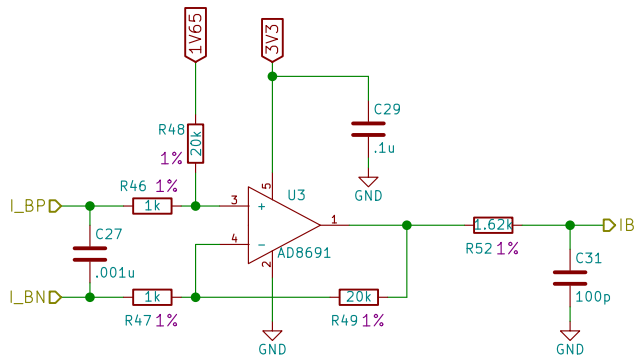
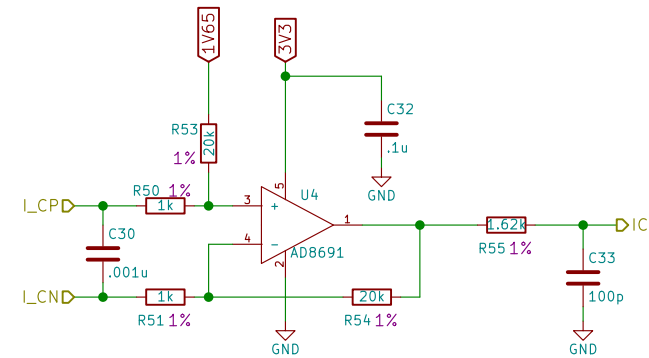
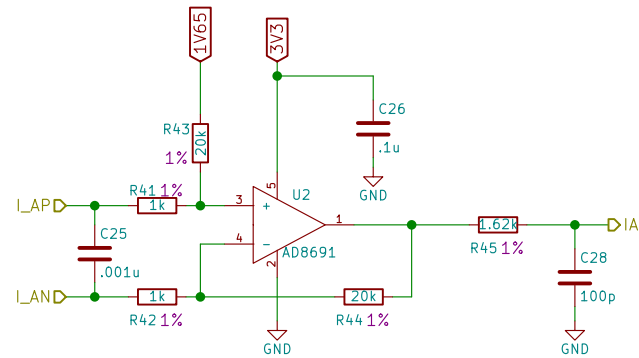
ASME  
Oregon State University  
Designed by: Brian Bove  
**Shell Eco-marathon Motor Controller**

Sheet: /MOSFET Array/  
File: fet\_array.sch

**Title: SEM - MOSFET Array**

Size: A Date:  
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Id: 3/7



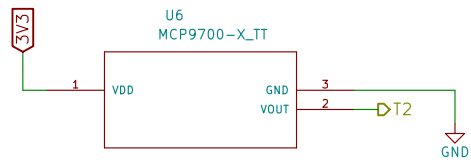
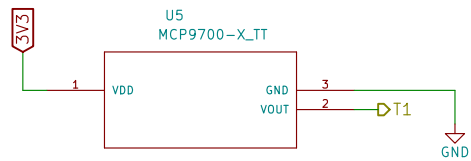
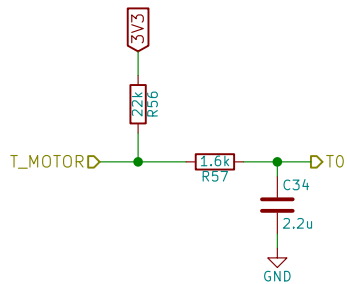
ASME  
Oregon State University  
Designed by: Brian Bove  
**Shell Eco-marathon Motor Controller**

Sheet: /Shunt Amplifiers/  
File: shunt\_amps.sch

**Title: SEM – MOSFET Array**

Size: A4 Date:  
KiCad E.D.A. kicad (2015-07-25 BZR 5993)-product

**Rev: v1.0**  
Id: 4/7

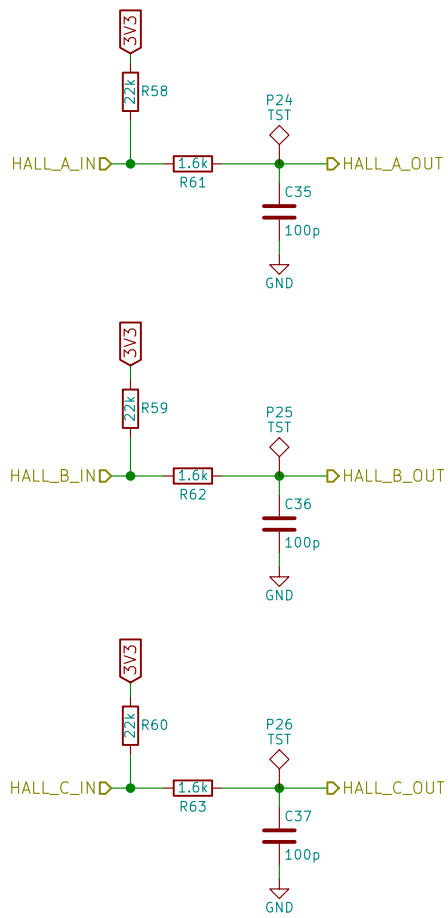


ASME  
Oregon State University  
Designed by: Brian Bove  
**Shell Eco-marathon Motor Controller**

Sheet: /Temperature Sensors/  
File: temp\_sense.sch

**Title: SEM – MOSFET Array**

Size: A4	Date:	Rev: v1.0
KiCad E.D.A. kicad (2015-07-25 BZR 5993)-product		Id: 5/7

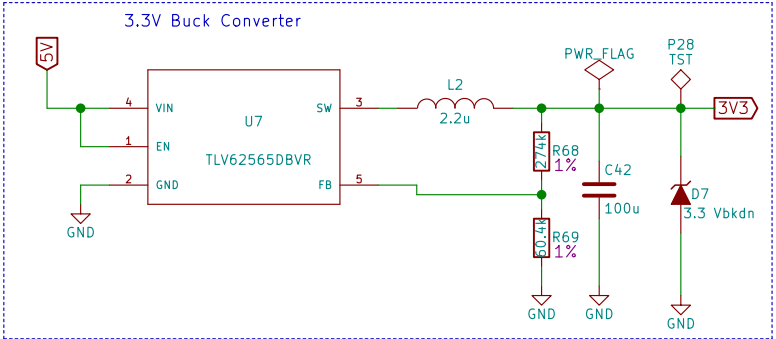


Sheet: /Hall Effect Sensor Filters/  
File: hall\_filters.sch

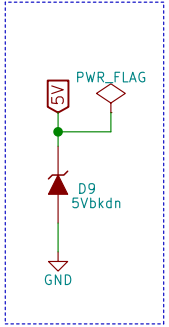
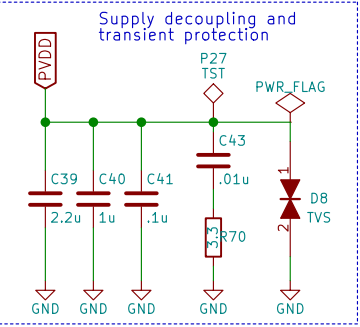
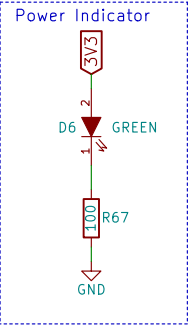
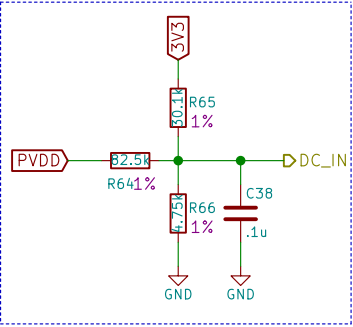
**Title:**

Size: A4      Date:      KiCad E.D.A.    kicad (2015-07-25 BZR 5993)-product

**Rev:**  
Id: 6/7



Bulk capacitance off board  
to save room



Sheet: /Power Management/  
File: power.sch

Title:

Size: A4 Date:  
KiCad E.D.A. kicad (2015-07-25 BZR 5993)-product

Rev:  
Id: 7/7