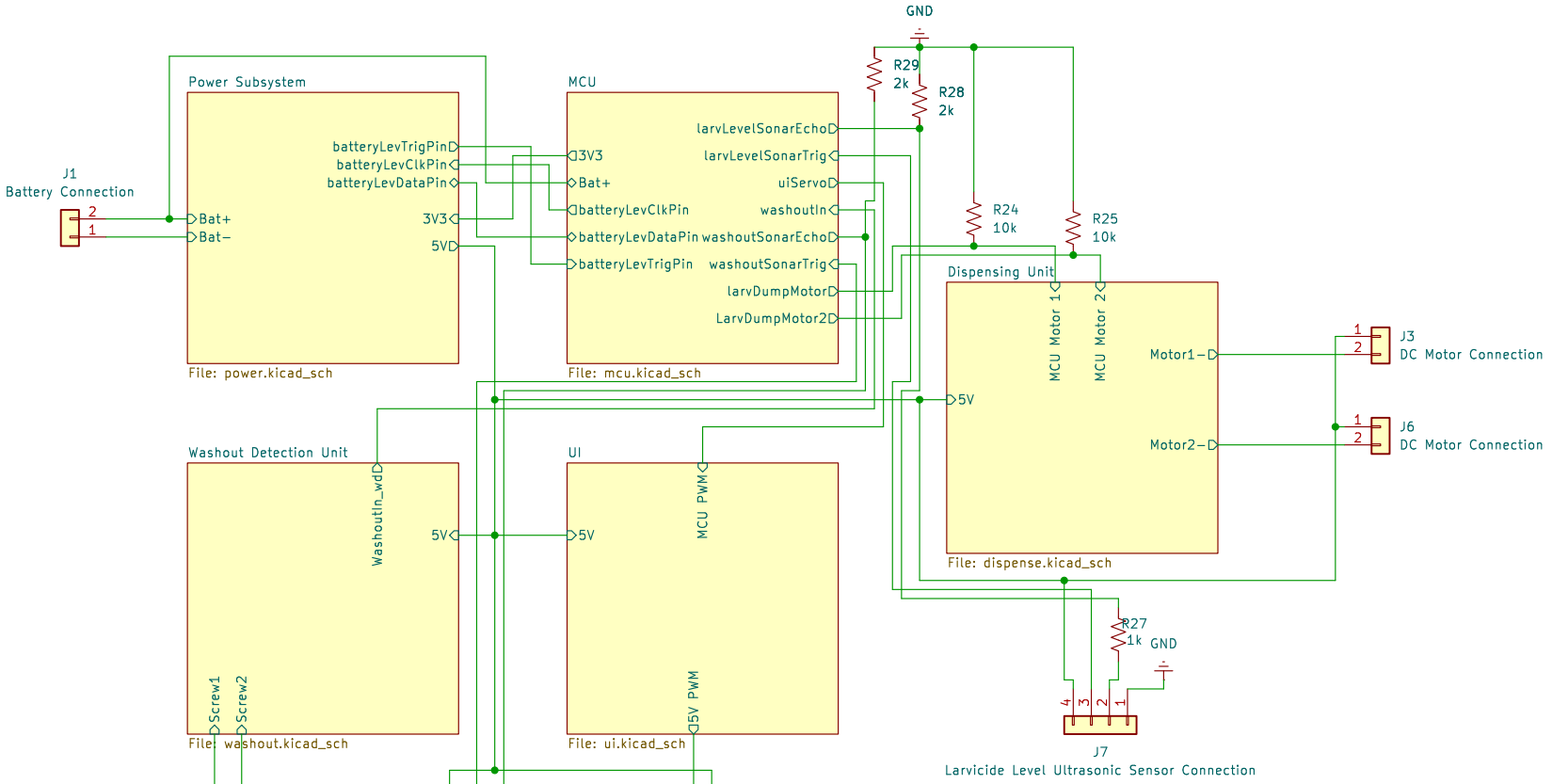
GND
R29
2k
R28
2k
Power Subsystem
MCU
J1
Battery Connection
batteryLevTrigPin
batteryLevClkPin
batteryLevDataPin
3V3
5VD
Bat+
Bat−
3V3
Bat+
batteryLevClkPin
batteryLevDataPin
batteryLevTrigPin
larvLevelSonarEcho
larvLevelSonarTrig
uiServo
washoutIn
washoutSonarEcho
washoutSonarTrig
larvDumpMotor
LarvDumpMotor2
R24
10k
R25
10k
Dispensing Unit
MCU Motor 1
MCU Motor 2
5V
Motor1
Motor2
J3
DC Motor Connection
J6
DC Motor Connection
File: power.kicad_sch
File: mcu.kicad_sch
File: dispense.kicad_sch
Washout Detection Unit
UI
WashoutIn_wd
5V
5V
MCU PWM
5V PWM
Screw1
Screw2
File: washout.kicad_sch
File: ui.kicad_sch
R27
1k
GND
J7
Larvicide Level Ultrasonic Sensor Connection
J5
Water Sensor Connection
R26
1k
GND
J4
Washout Ultrasonic Sensor Connection
GND
J2
Servo Connection
Sheet: /
File: kicad_files.kicad_sch
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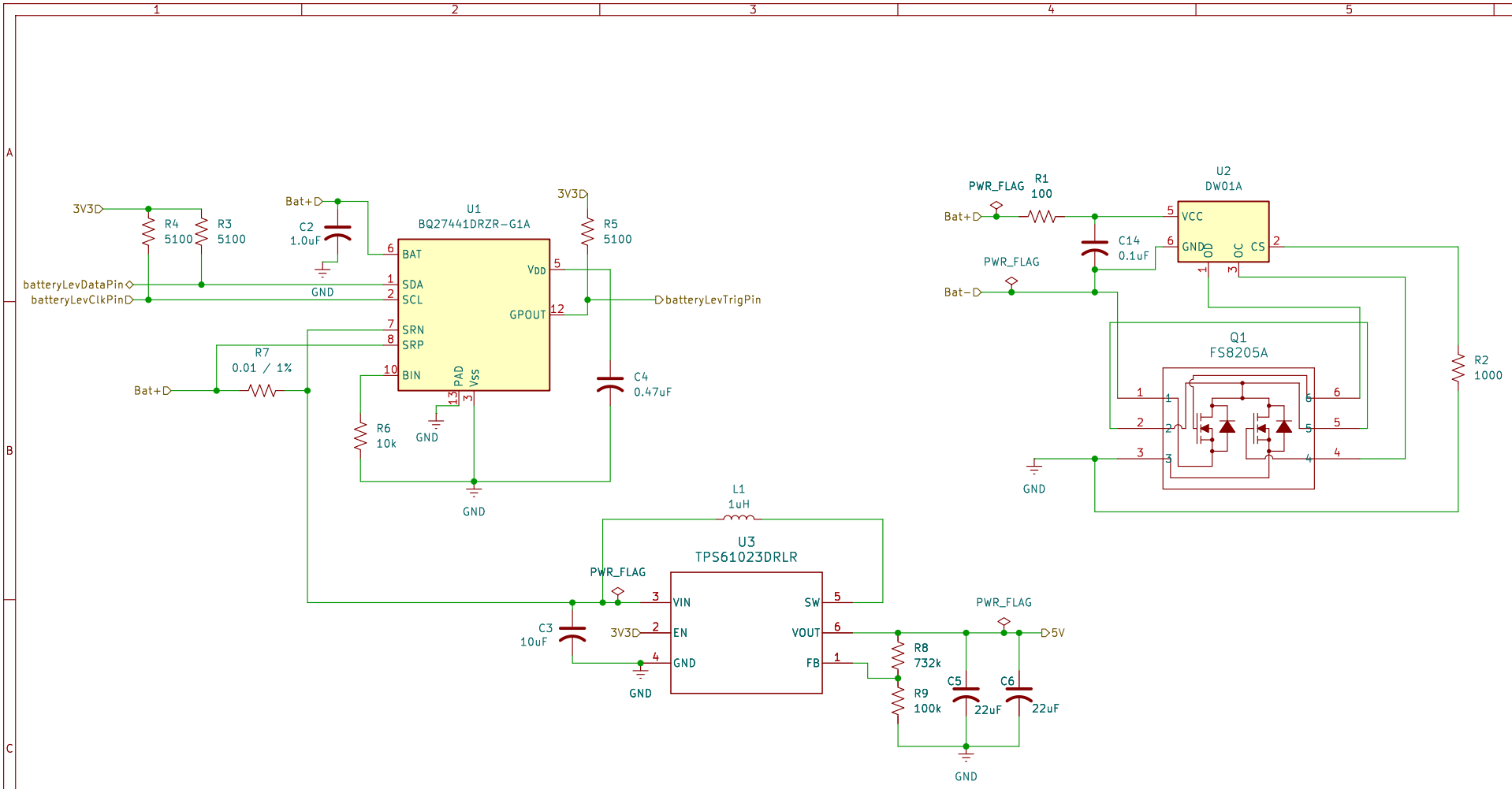
Size: A4
Date:
Rev:
KiCad E.D.A. 9.0.7
Id: 1/6



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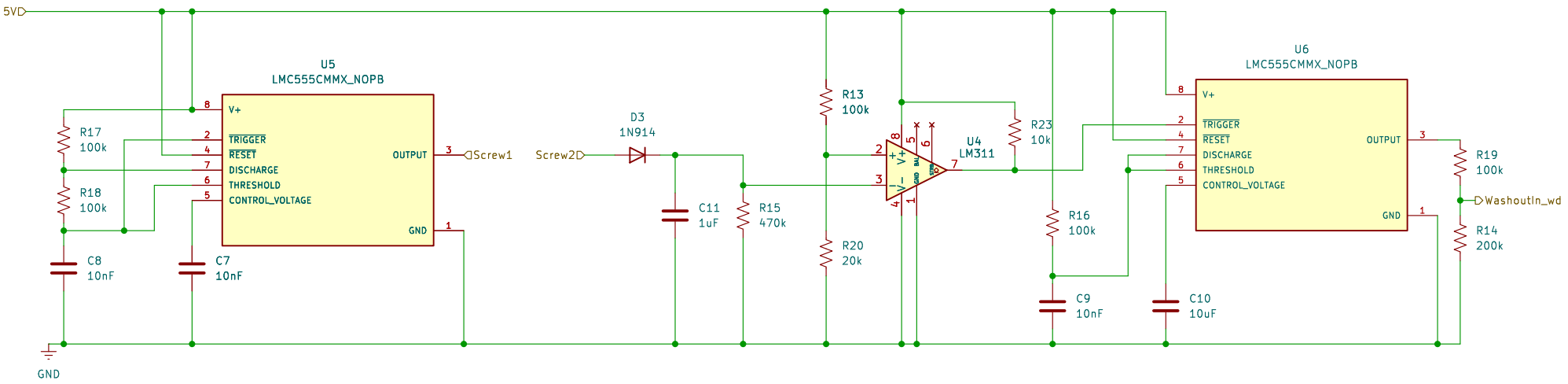
KiCad E.D.A. 9.0.7		Id: 2/6



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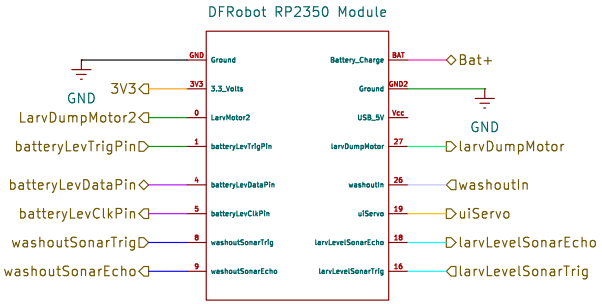
Size: A4	Date:	**Rev:**
KiCad E.D.A. 9.0.7		Id: 3/6



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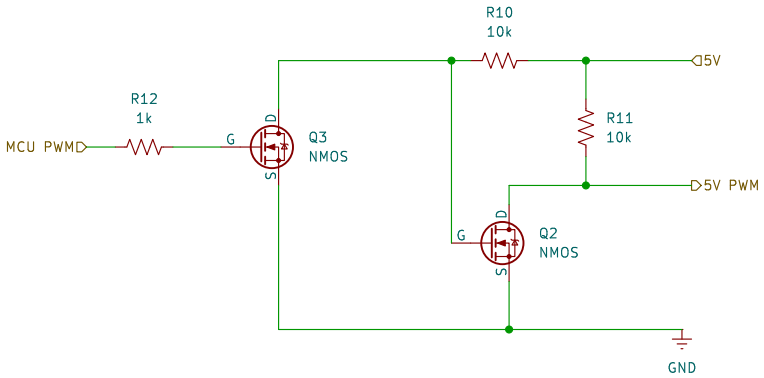
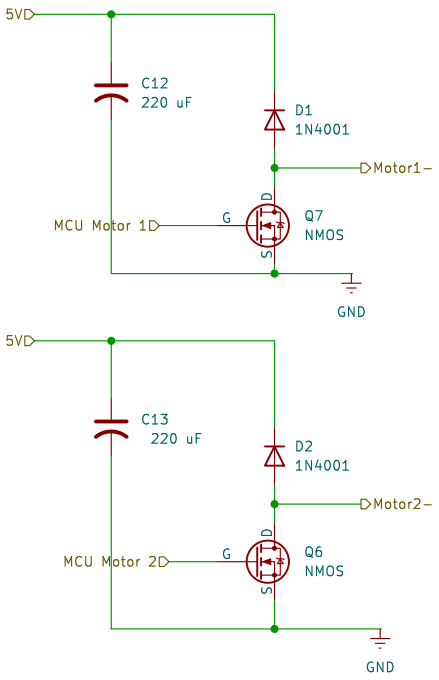
Title:		
Size: A4	Date:	**Rev:**
KiCad E.D.A. 9.0.7		Id: 4/6



Sheet: /UI/ File: ui.kicad_sch		
Title:		
Size: A4	Date:	**Rev:**
KiCad E.D.A. 9.0.7		Id: 5/6



Sheet: /Dispensing Unit/ File: dispense.kicad_sch		
Title:		
Size: A4	Date:	**Rev:**
KiCad E.D.A. 9.0.7		Id: 6/6