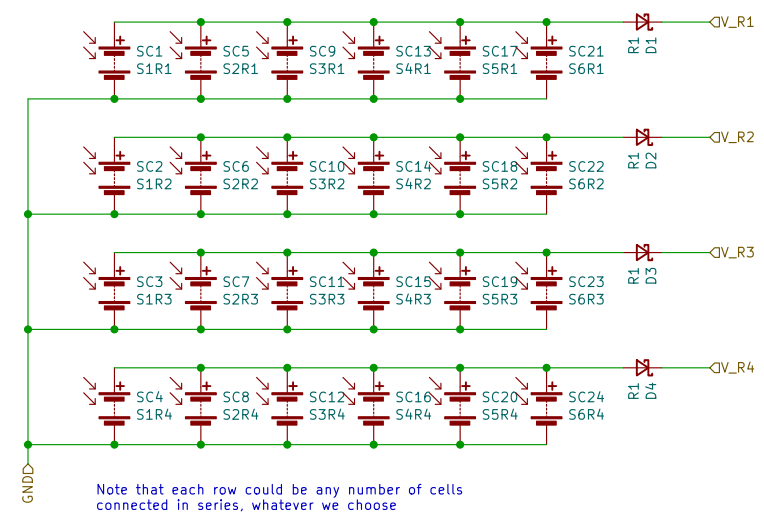


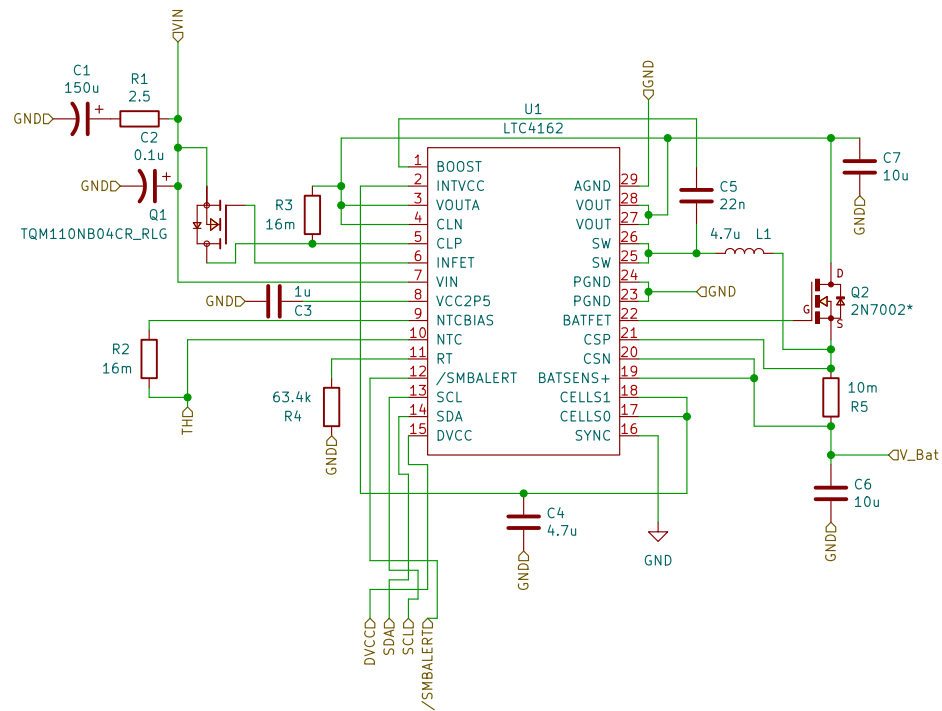
SXRY: Side X, Row Y
Each face of cells is divided into 4 rows, all
corresponding rows from each side are tied together
(ex: Side 1 Row 2 is connected to Side 2 Row 2, Side 3 Row 2, ...)
Each row is the input to one battery.
This is done so that on average, all batteries are
recieving about the same number of charging current

If each side was an input to a battery, as the cubesat rotated
one battery would be charged while its face is in sunlight,
while all others would not.



Note that each row could be any number of cells
connected in series, whatever we choose

Sheet: /Solar_Panels/ File: Solar_Panels.kicad_sch		
Title:		
Size: A4	Date:	Rev:
KiCad E.D.A. kicad 6.0.6	Id: 2/6	



PWR_FLAG
GND

PWR_FLAG lets kicad know that GND pin goes to GND outside of this sheet

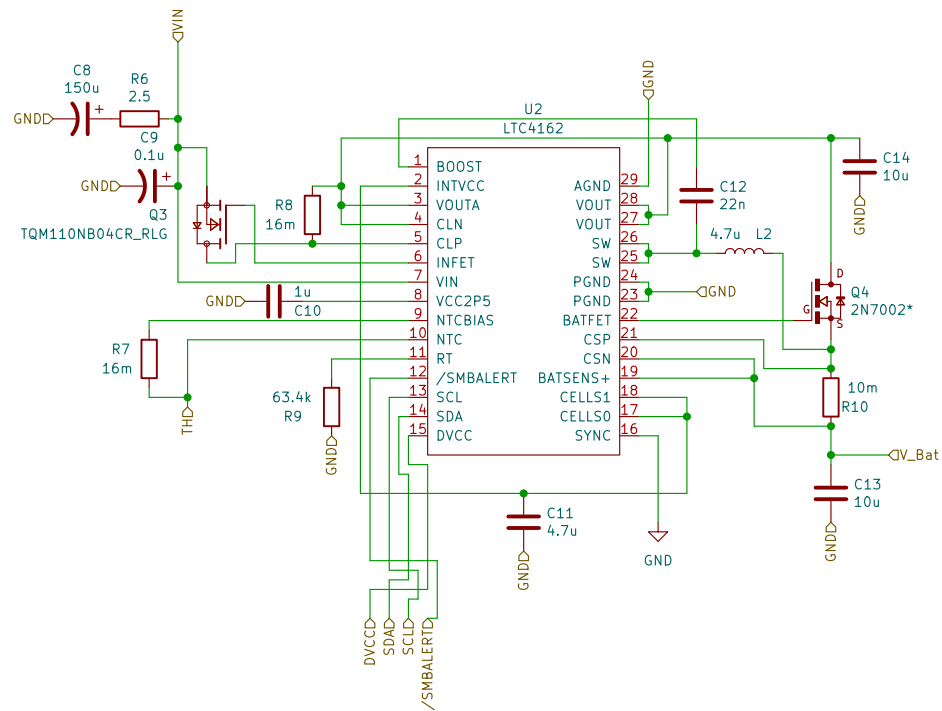
Sheet: /Bat_Reg_1/
File: Bat_Reg_1.kicad_sch

Title:

Size: A4
KiCad E.D.A. kicad 6.0.6

Date:

Rev:
Id: 3/6



PWR_FLAG
GND

PWR_FLAG lets kicad know that GND pin goes to GND outside of this sheet

Sheet: /Bat_Reg_2/
File: Bat_Reg_1.kicad_sch

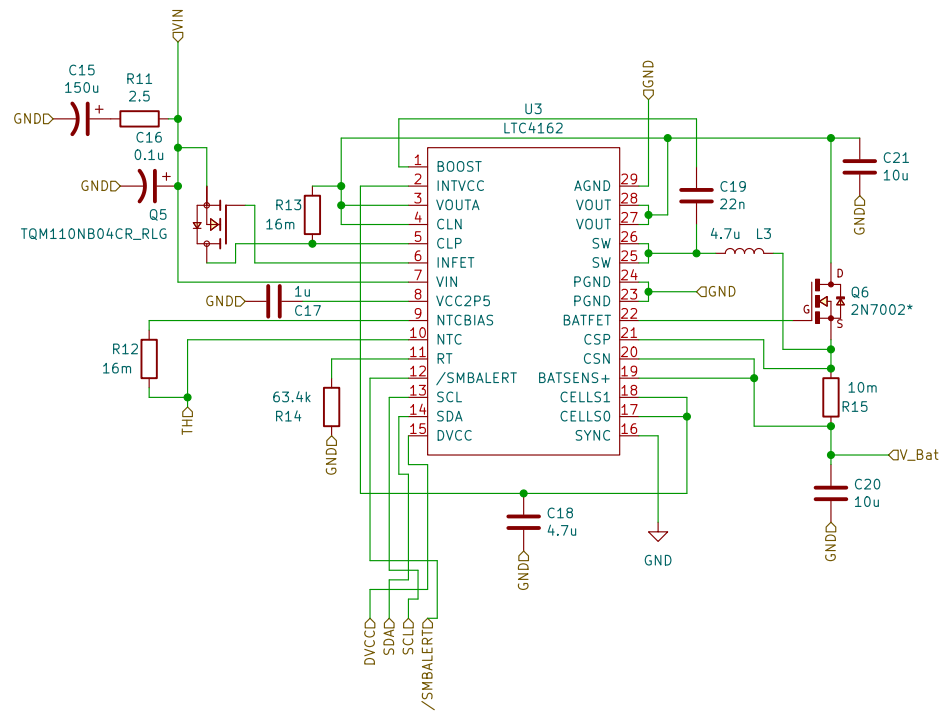
Title:

Size: A4
KiCad E.D.A. kicad 6.0.6

Date:

Rev:

Id: 4/6



PWR_FLAG
GND

PWR_FLAG lets kicad know that GND pin goes to GND outside of this sheet

Sheet: /Bat_Reg_3/
File: Bat_Reg_1.kicad_sch

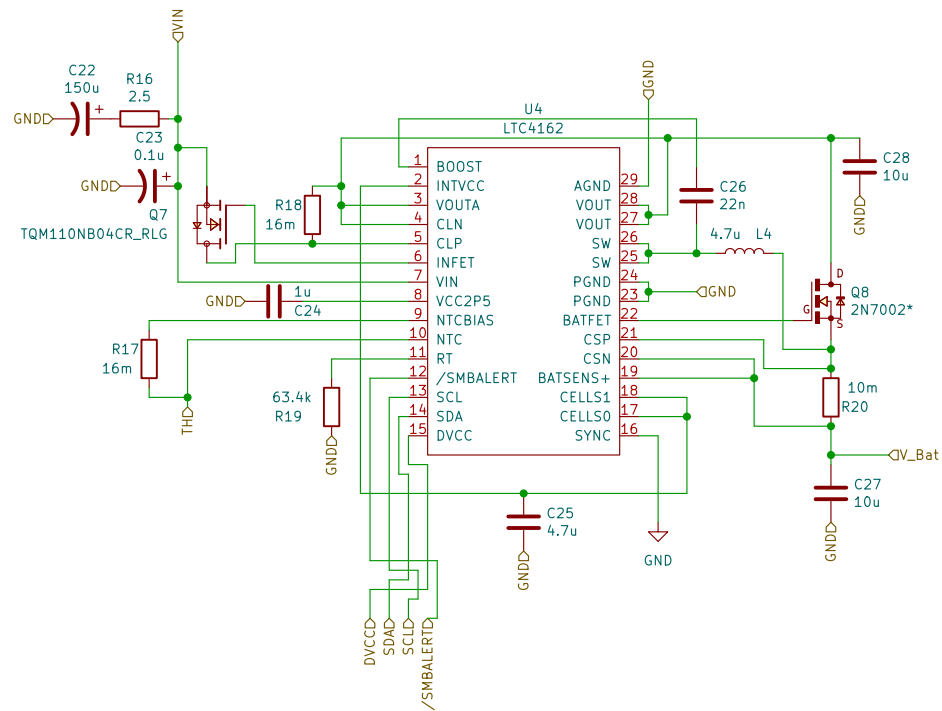
Title:

Size: A4
KiCad E.D.A. kicad 6.0.6

Date:

Rev:

Id: 5/6



PWR_FLAG
GND

PWR_FLAG lets kicad know that GND pin goes to GND outside of this sheet

Sheet: /Bat_Reg_4/
File: Bat_Reg_1.kicad_sch

Title:

Size: A4
KiCad E.D.A. kicad 6.0.6

Date:

Rev:

Id: 6/6