

Solarwhat Rechargeable LED Light

BMJ

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2018-12-20

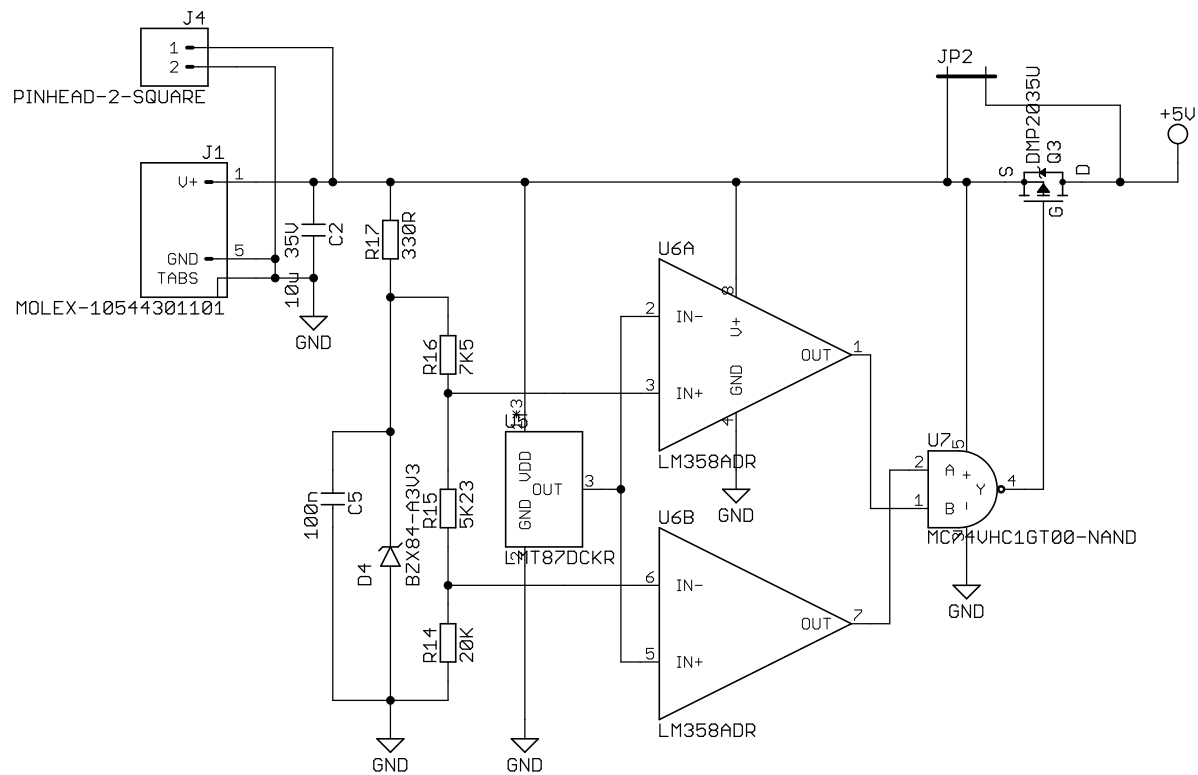
Drawn By
Benjie

Rev.
B1

PCB Number
1010

Size
A4L

Sheet
1 of 3



Revision History

Rev A: 2018-08-13
initial release

Rev B: 2018-09-20
change PCB dimensions
new PIC
correct power wiring to PIC
temperature protection on charging input (5C to 45C)
battery voltage input to PIC for monitoring
battery low LED indicator
better heatsinking on battery charger IC
solder pads for alternative USB connector
silkscreen text - project website
populate BOM info for manufacturing

Rev B1: 2018-12-20
update BOM:
change U6 was LM393 now LM358
change R12 was 5R6 now 1R8
change R13 was 5R6 now 1R15
change D4 was 33V now 3V3