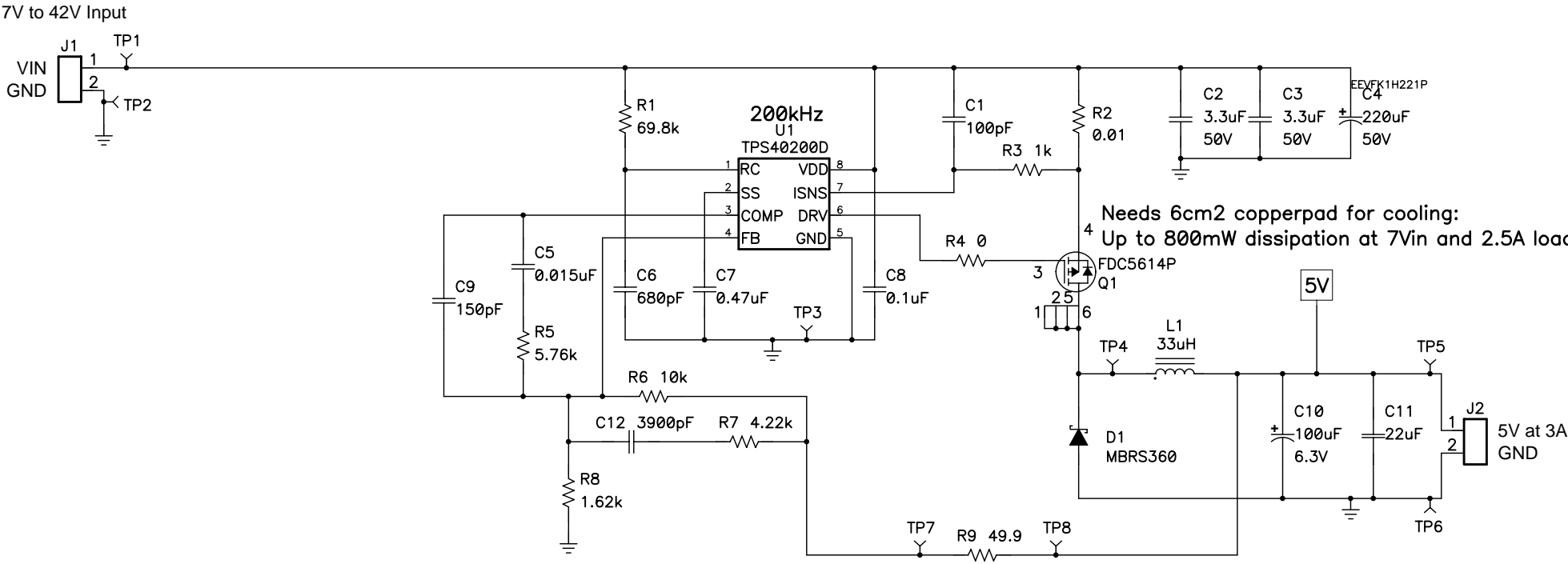
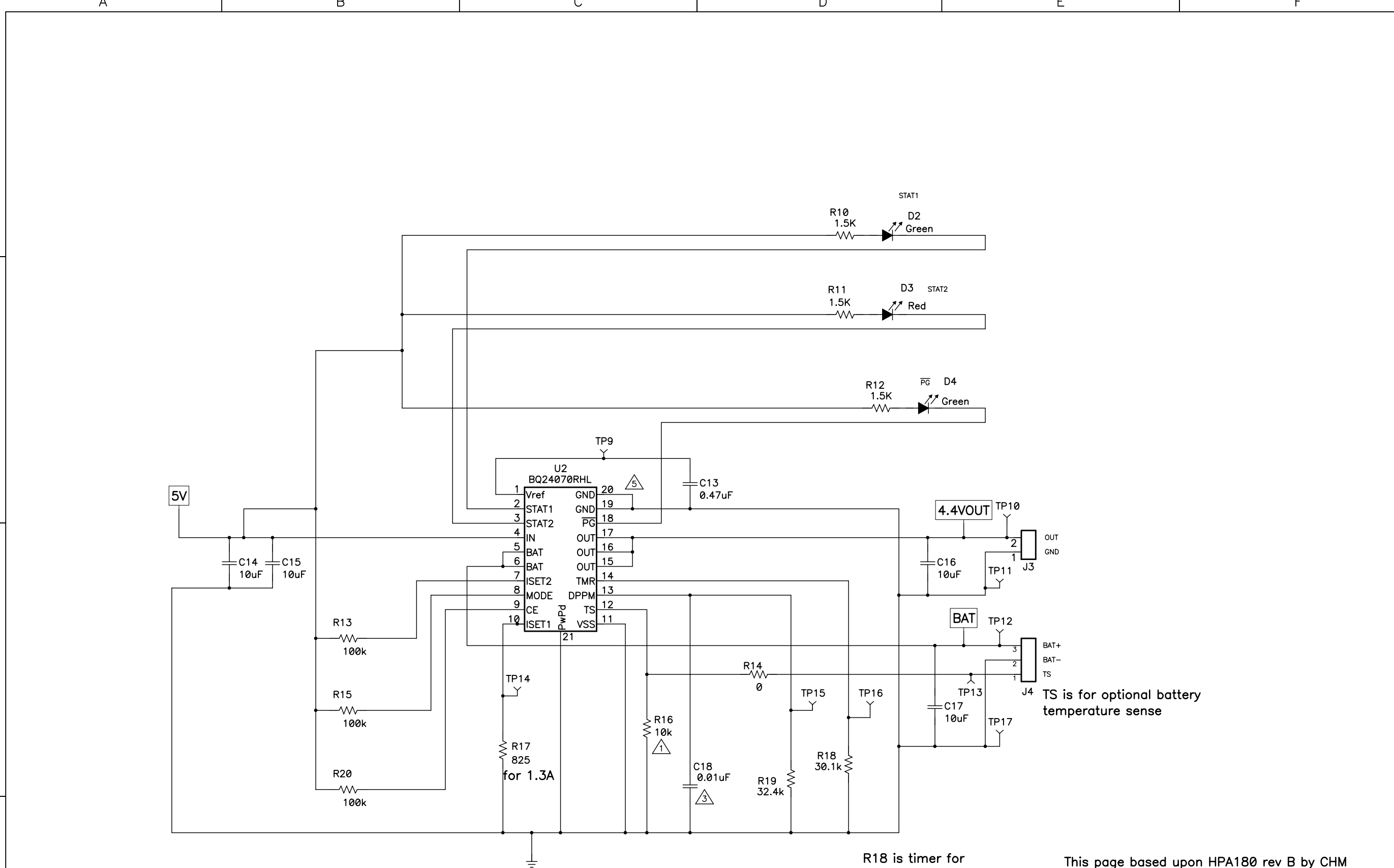


This page modified from PMP874 rev B by Brian King



5V off 7-42V

| | | | |
|--|------------------|----------|--------------|
| Texas Instruments | | | |
| Title | | | |
| 7-42Vin, Battery back up, multiple outputs | | | |
| Size | Number | Rev | |
| C | PMP2807 | A | |
| Date | Wed Jun 27, 2007 | Drawn by | J Mandelcorn |
| Filename | PMP2807_A.sch | Sheet | 1 of 4 |



1 R16 is set to disable the TS feature.
If a thermistor is used, remove R16. See data sheet.

3 C18 is for setting the delay of the Battery short circuit protection used when inserting the battery to power the system load (capacitance and resistive loads).

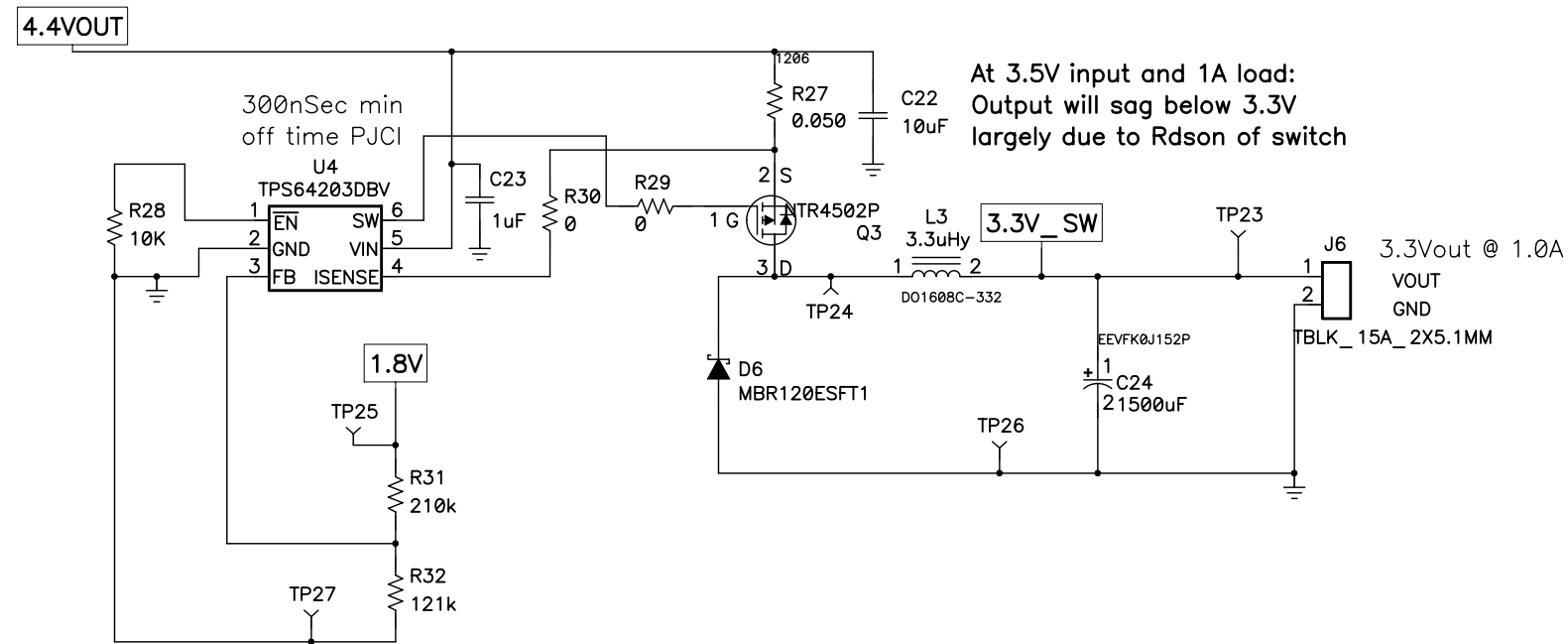
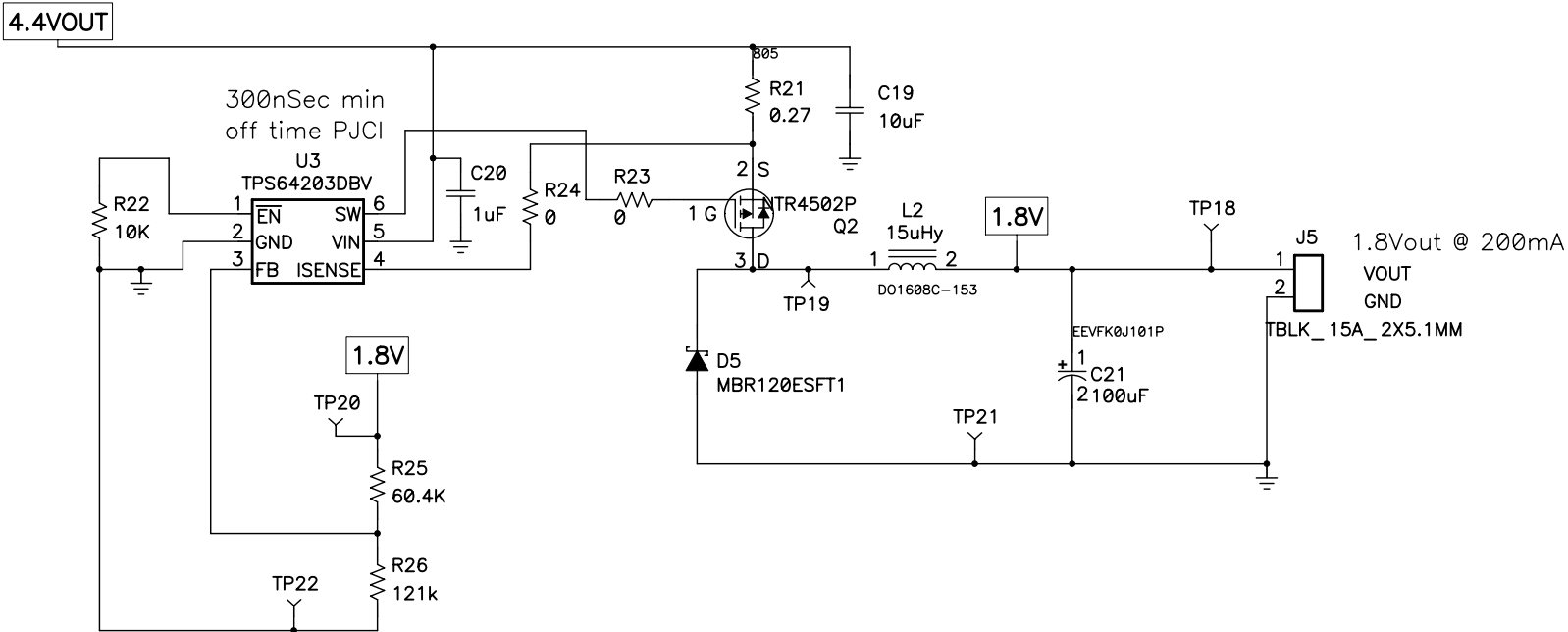
5 GND is tied to Vss. Isolated ground planes are not necessary for VSS, GND and the Power pad.

R18 is timer for
Battery fault:
10K per hour

This page based upon HPA180 rev B by CHM

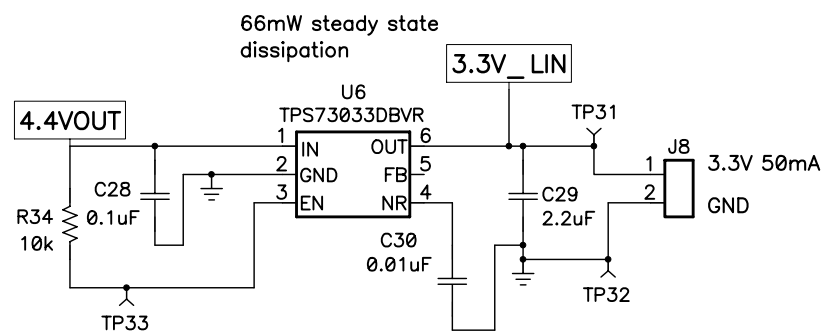
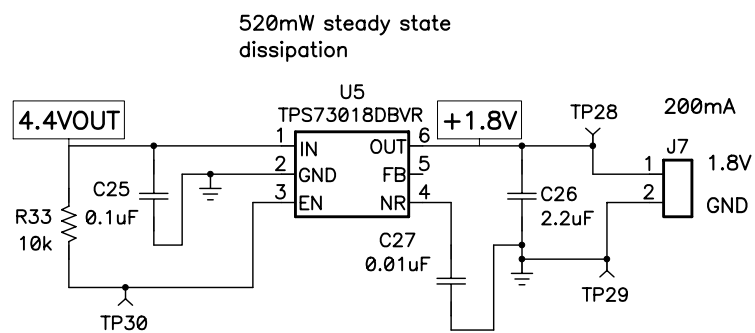
Bat Charger

| | | |
|---|--------------------------|----------|
| Texas Instruments | | |
| Title 7-42Vin, Battery back up, multiple outputs | | |
| Size C | Number PMP2807 | Rev A |
| Date Wed Jun 27, 2007 | Drawn by J Mandelcorn | |
| Filename PMP2807_A.sch | Sheet 2 | of 4 |



TPS64202

| | | |
|--|------------------|-----------------------|
| Texas Instruments | | |
| Title | | |
| 7-42Vin, Battery back up, multiple outputs | | |
| Size | Number | Rev |
| C | PMP2807 | A |
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| Filename | PMP2807_A.sch | Sheet 3 of 4 |



| | | |
|--|------------------|-----------------------|
| Texas Instruments | | |
| Title | | |
| 7-42Vin, Battery back up, multiple outputs | | |
| Size | Number | Rev |
| C | PMP2807 | A |
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