

Title: SOLARMINIBAT01A

Solar charged LTO Battery Managment System

Author: MLAB.cz

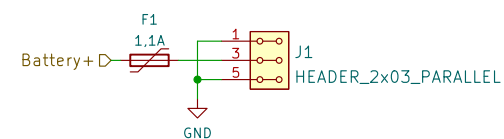
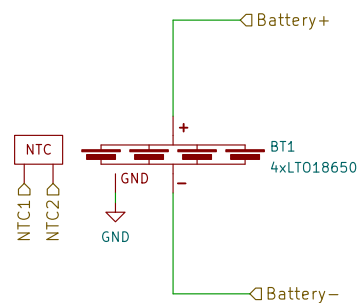
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BATTERY PACK



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Solar Cell Panel Connection

Photovoltaic pannel connection

Usually array of four cells in series with following parameters:

$I_{sc} = 2,3 \text{ A}$
 $V_{oc} = 2,5 \text{ V}$
 $I_{mpp} = 2,1 \text{ A}$
 $V_{mpp} = 2,1 \text{ V}$
 $P_m = 4,4 \text{ Wp}$

MPPT_power_output

5V1

5V1 je potřeba přepočítat, aby odpovídal LTO článkům.
Tj. poskytoval výstup maximálně 2.80 V
https://www.st.com/resource/en/application_note/9401

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mlab

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 $V_{oc} = 2,5 \text{ V}$
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 $V_{mpp} = 2,1 \text{ V}$
 $P_m = 4,4 \text{ Wp}$

Je třeba potřebovat přepočítat, aby odpovídal LTO článku!
Tj. poskytoval výstup maximálně 2.80 V
https://www.st.com/resource/en/application_note/an3319-s

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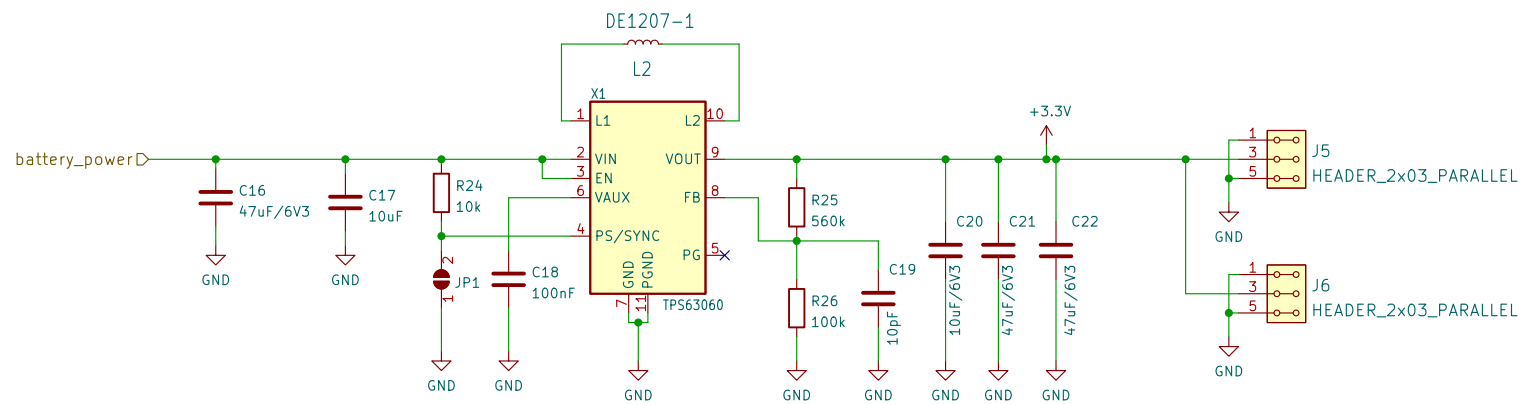
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