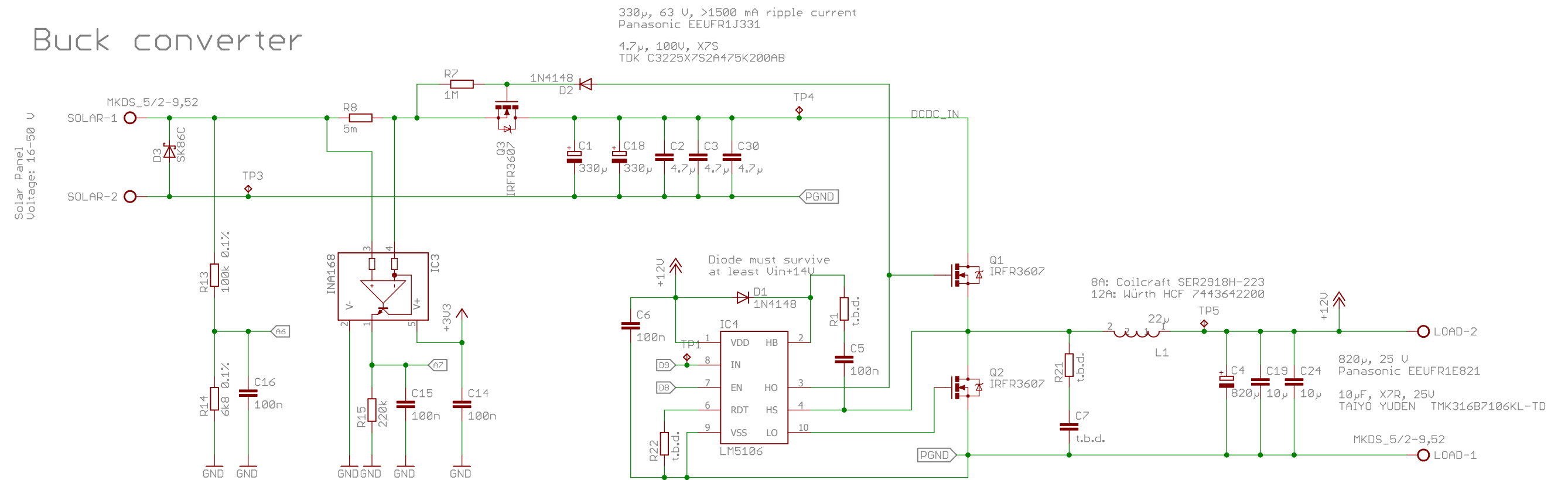
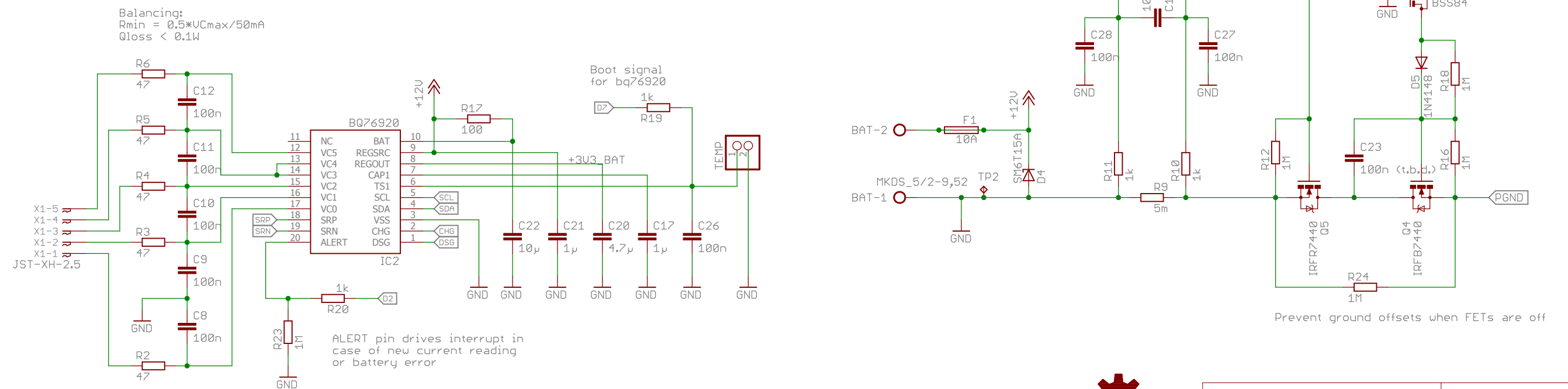


# Buck converter



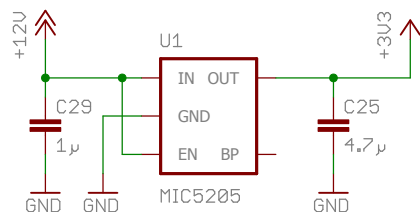
# Battery management system



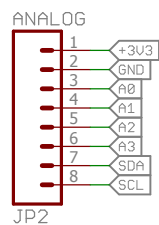
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m.jaeger@posteo.de  
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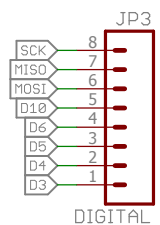
# Arduino



VCC = 3.3V Output  
Max Current Output: 150mA

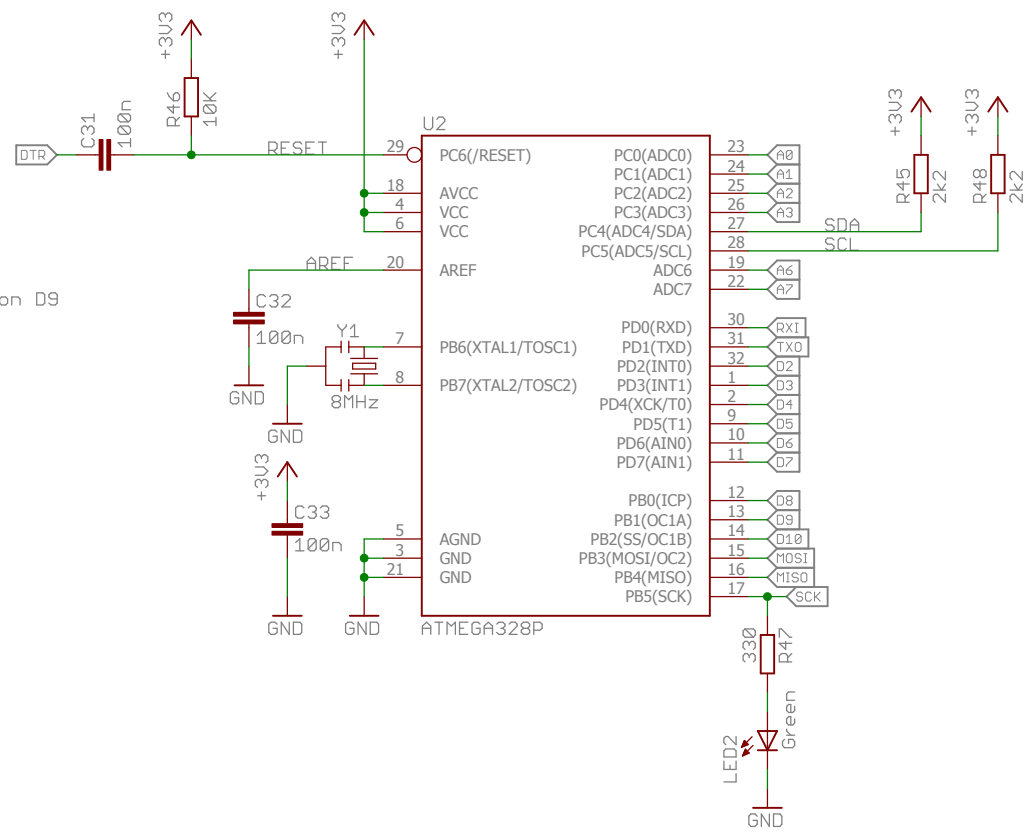
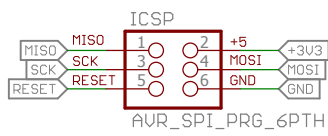
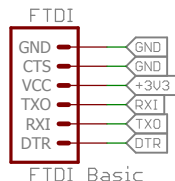
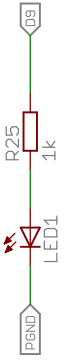


Add RX/TX (D0 and D1)?



Pin headers (2.54 mm pitch) break out the unused  $\mu$ C pins and can be used for extensions like:  
- display (e.g. EA-D0GS102)  
- trimmer and push-buttons (e.g. to set PWM manually)  
- communication (e.g. RS485 or CAN)

Status LED using PWM signal on D9  
ON = charging  
OFF = not charging  
BLINK = something else



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