

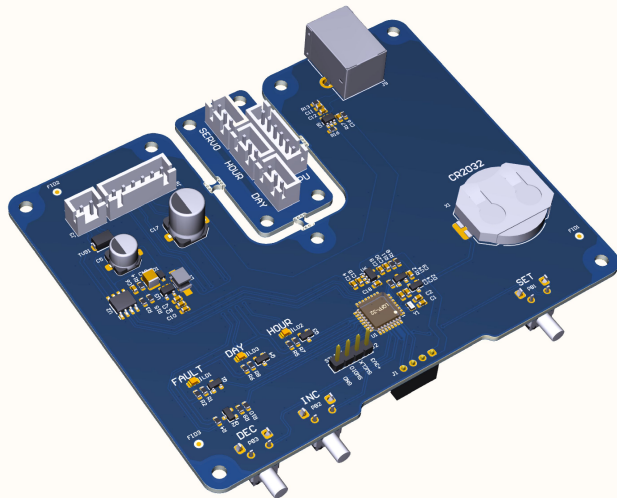
Solari Cifra 5 Control STM32-G031K8

Variant: [No Variations]

Revision: A

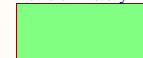
RELEASED May-01-2021

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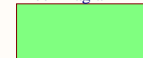


DESIGN CONSIDERATIONS

RevisionHistory



BlockDiagram



DESIGN NOTE:
Example text for
informational

DESIGN NOTE:
Example text for critical
design notes.

DESIGN NOTE:
Example text for cautionary
design notes.

LAYOUT NOTE:
Example text for critical
layout guidelines.

Project: *Solari Cifra 5 Control STM32-G031K8*

Revision: A

Title: **Cover Page**

Sheet: 1 of 6

Author: Alfredo Cortellini

Date: May-01-2021

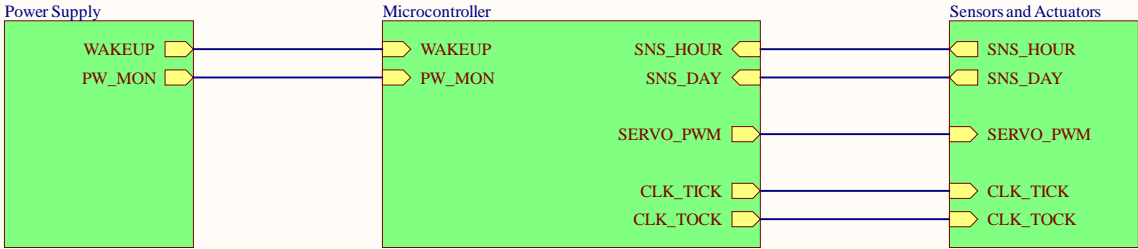
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REVISION HISTORY

| <i>DATE</i> | <i>PAGES</i> | <i>REVISION</i> |
|-------------|--------------|-------------------|
| Jun-01-2019 | N/A | Initial release A |

BLOCK DIAGRAM

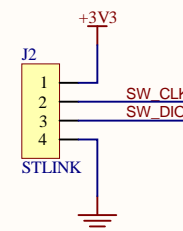
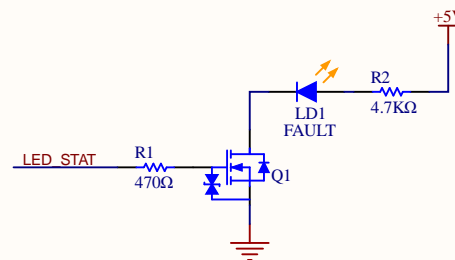
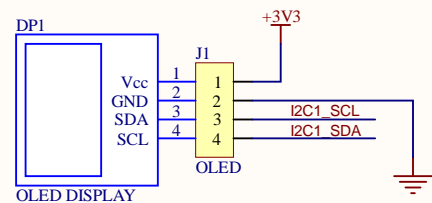
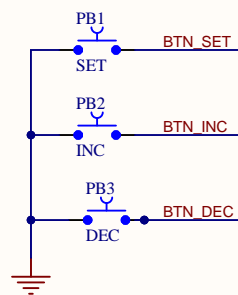
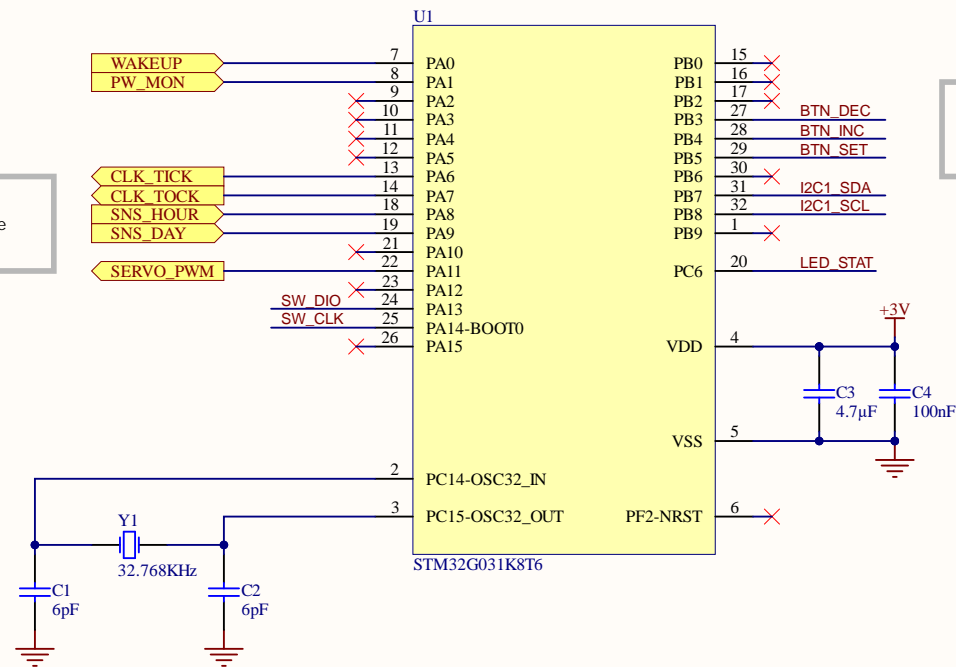


Local Fiducials

FID1 FID2 FID3

DESIGN NOTE:
Inputs PA8 and PA9 need to be configured with pull up.

DESIGN NOTE:
Inputs PB3, PB4 and PB5 need to be configured with pull up.



Project: **Solari Cifra 5 Control STM32-G031K8**

Revision: **A**

Title: **Microcontroller**

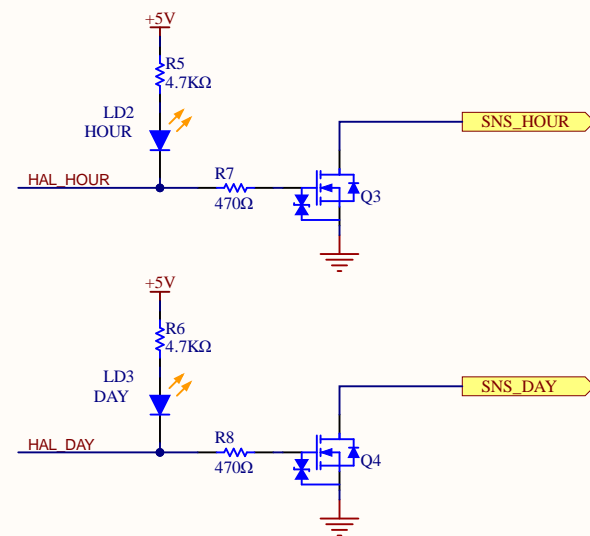
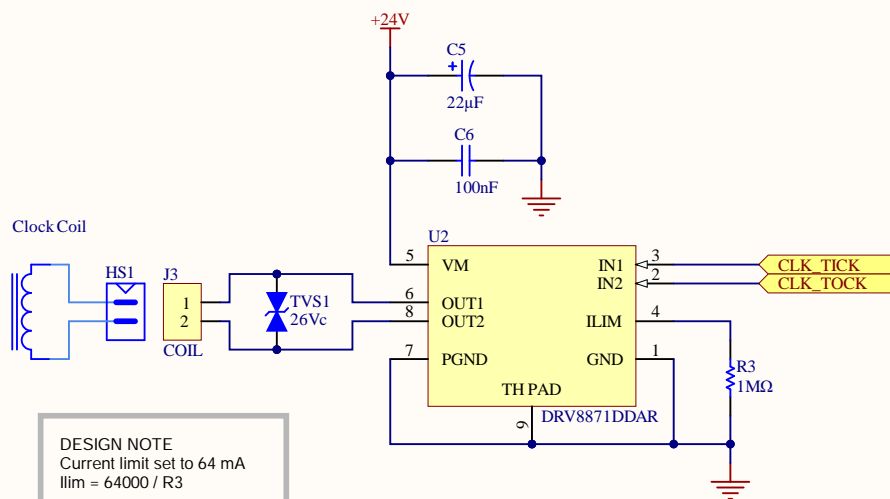
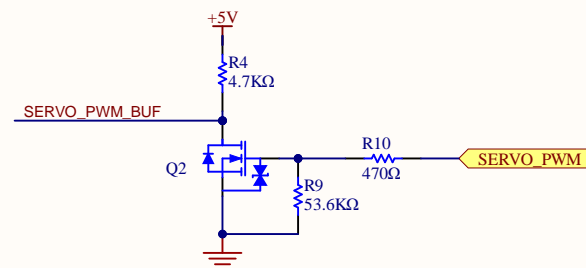
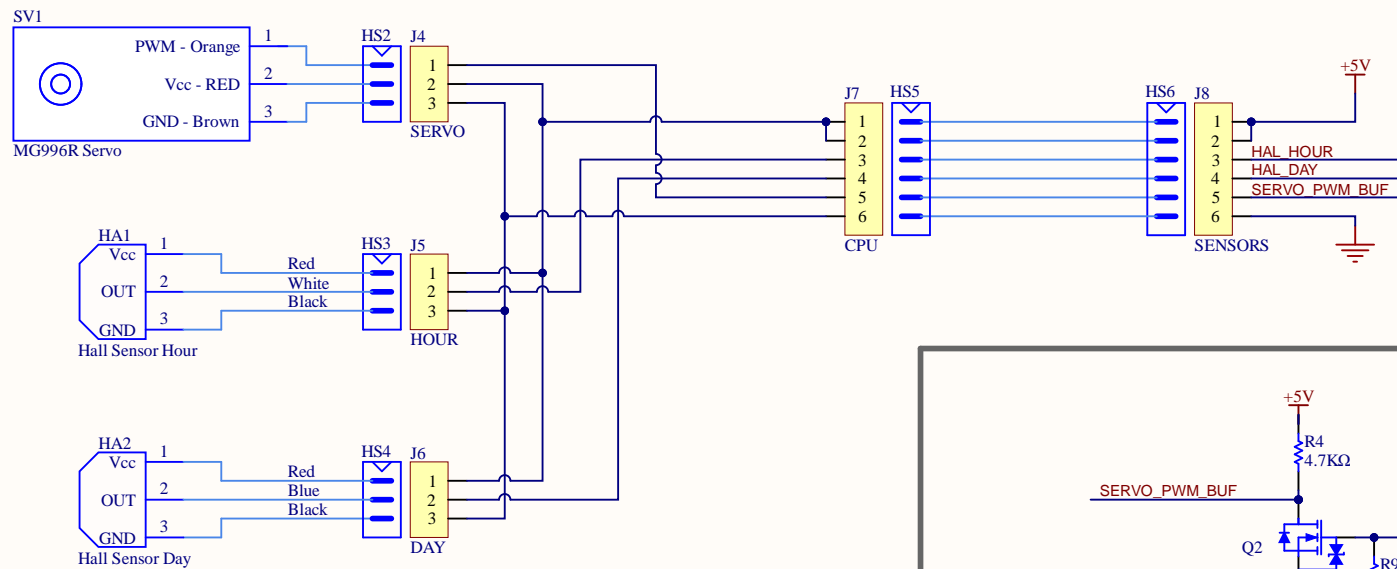
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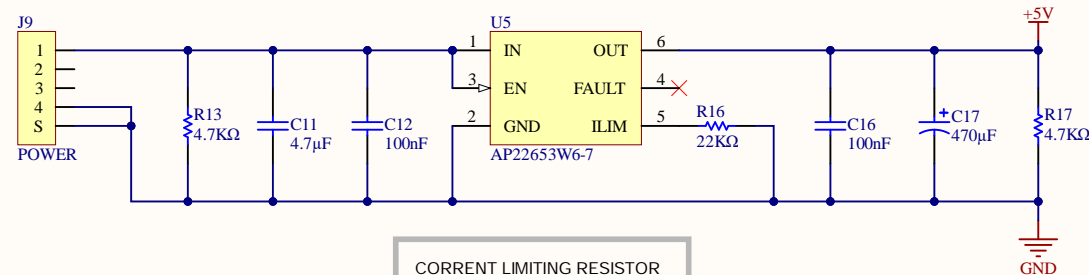
Author: Alfredo Cortellini

Date: May-01-2021

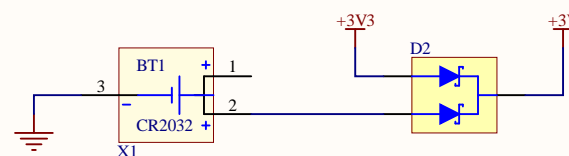
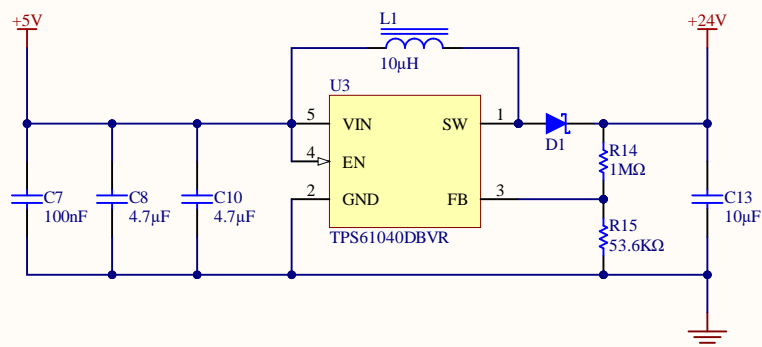
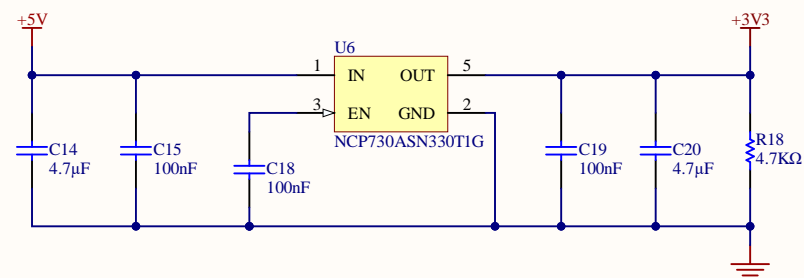
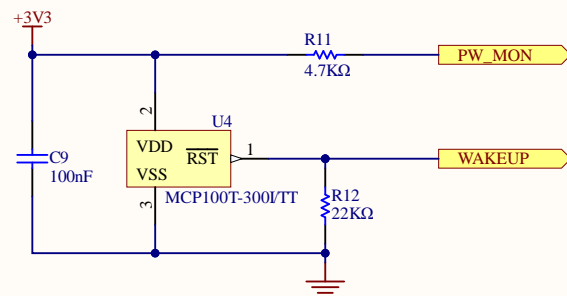
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CORRENT LIMITING RESISTOR
 $I_{min} = 28955 / 22KR = 1.31 \text{ Amp}$
 $I_{typ} = 30321 / 22KR = 1.37 \text{ Amp}$
 $I_{max} = 31033 / 22KR = 1.41 \text{ Amp}$



Project: **Solari Cifra 5 Control STM32-G031K8**

Revision: **A**

Title: **Power Supply**

Sheet: 6 of 6

Author: Alfredo Cortellini

Date: May-01-2021

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