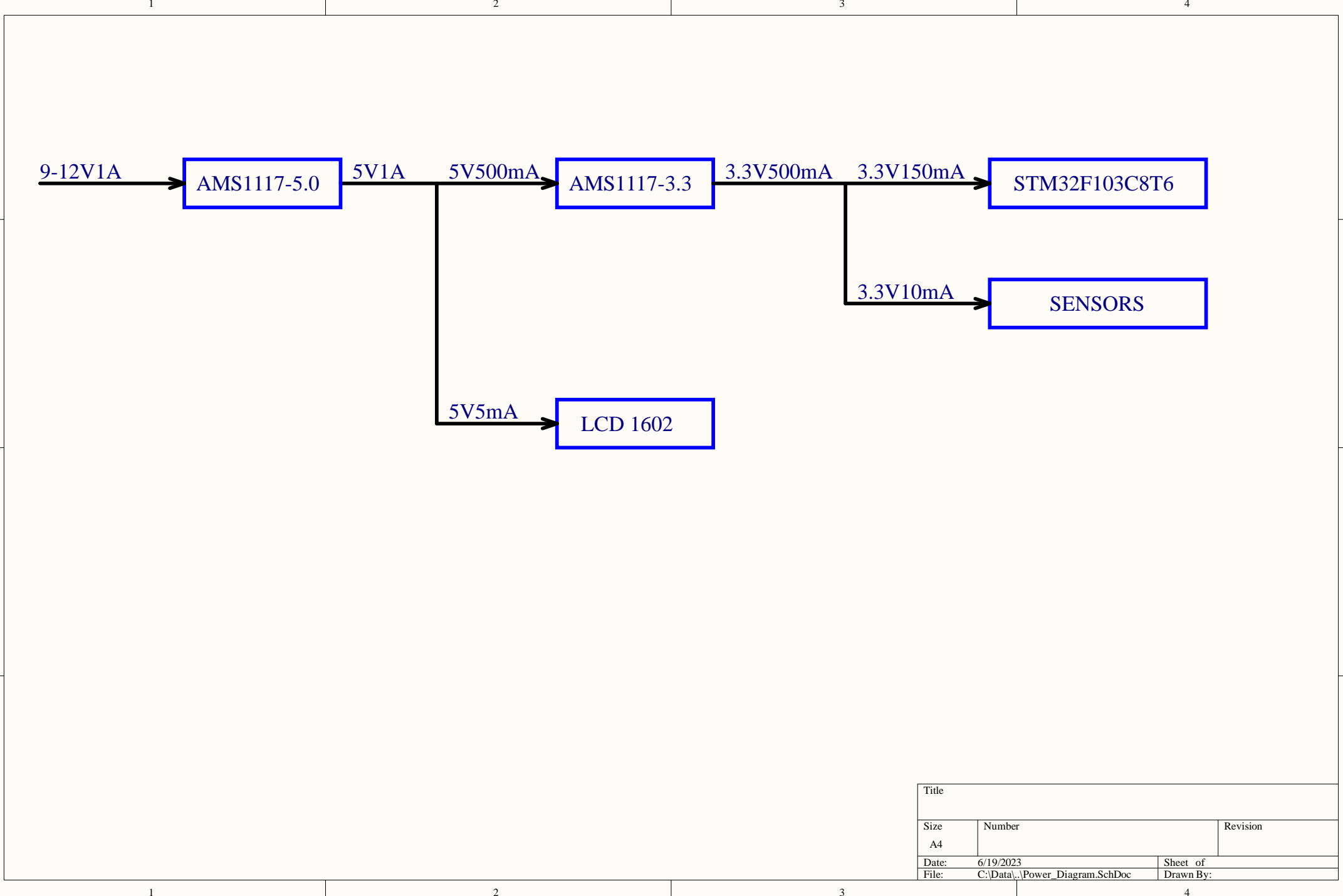


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| File: | C:\Data\.\Block_Diagram.SchDoc | Drawn By: |



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A

A

B

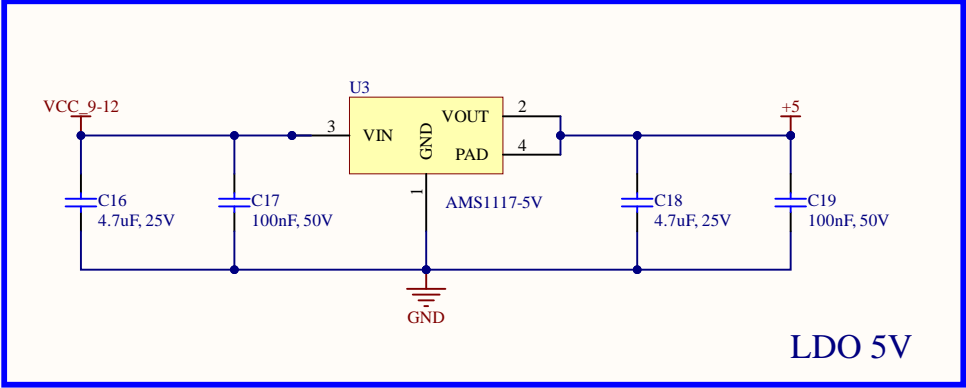
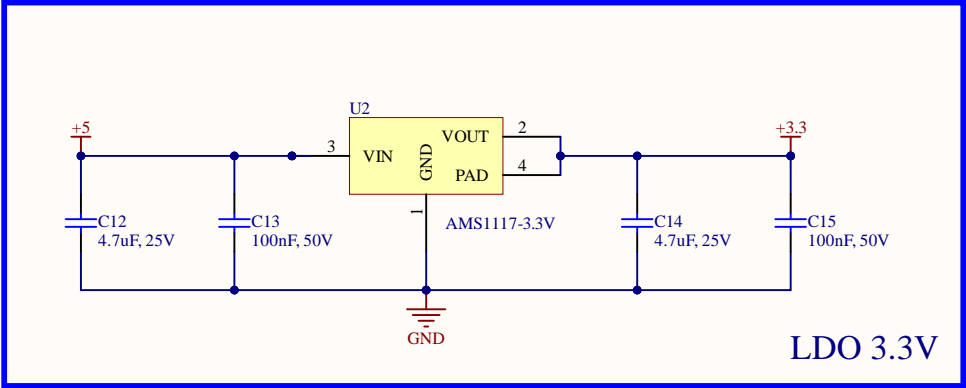
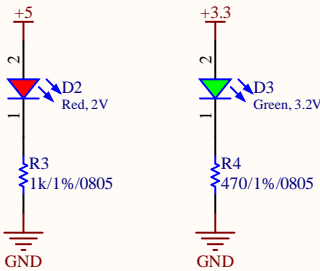
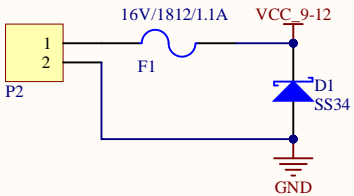
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C

C

D

D



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A

A

B

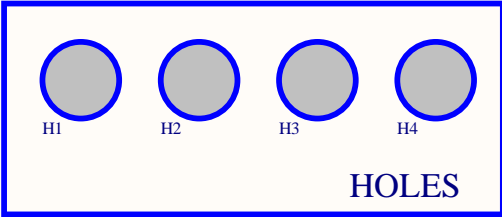
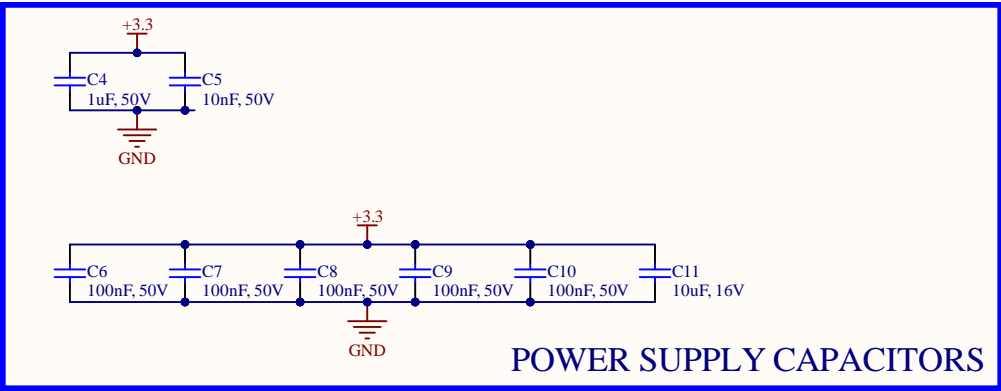
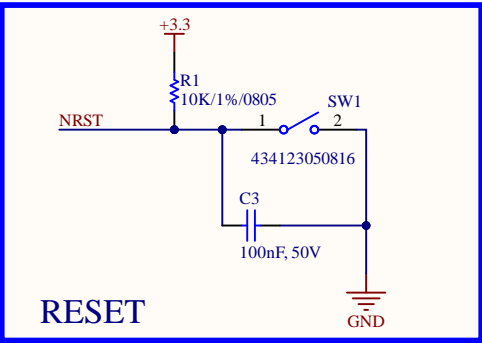
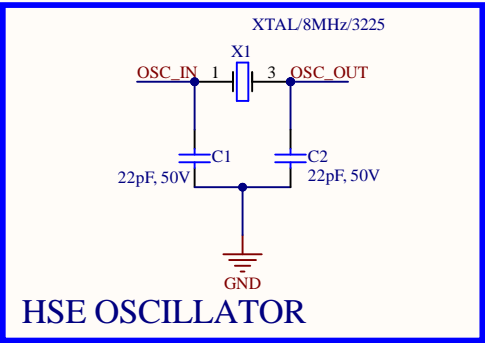
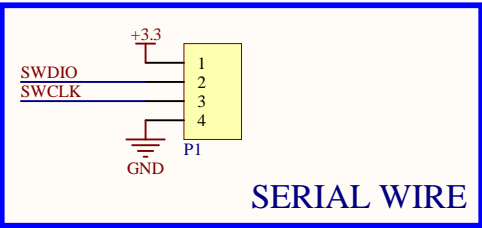
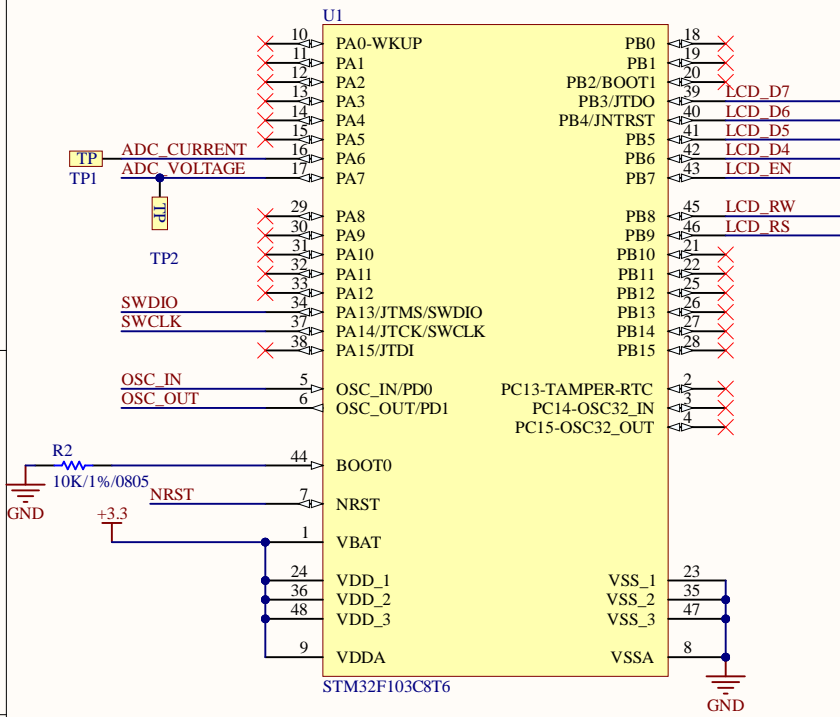
B

C

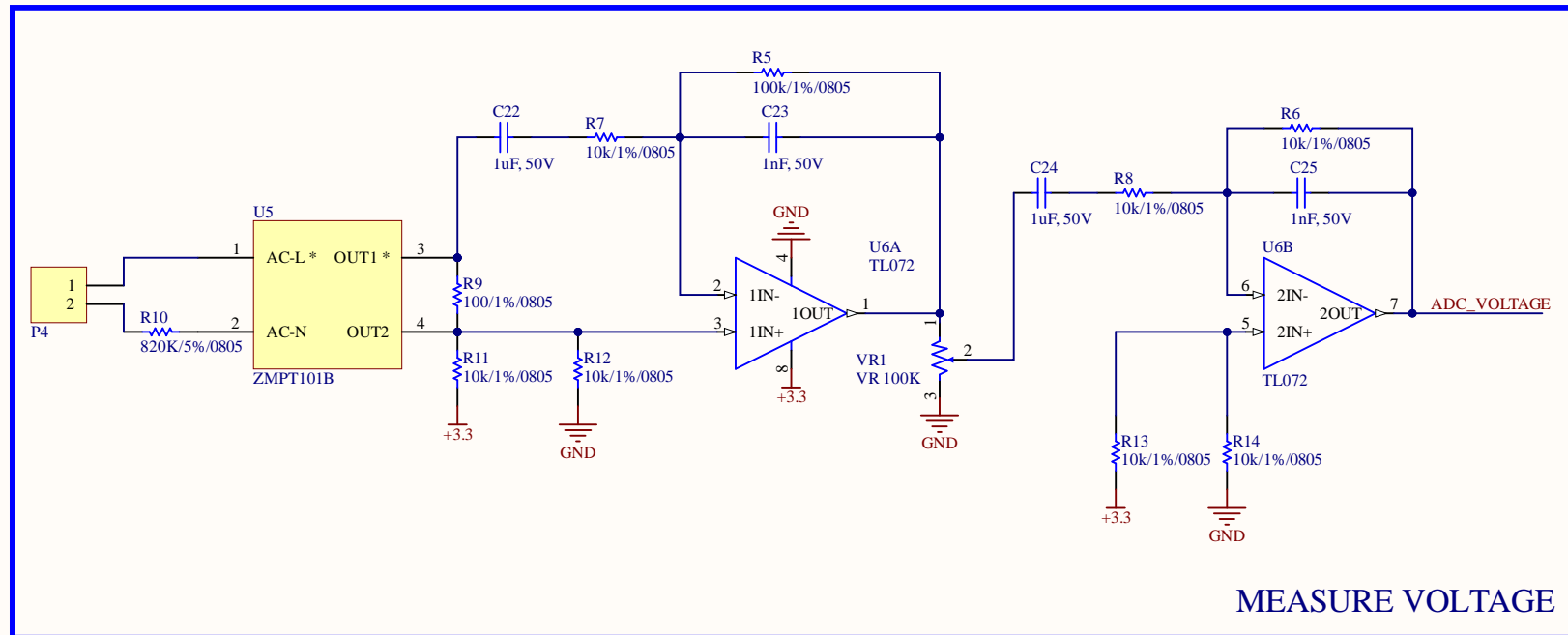
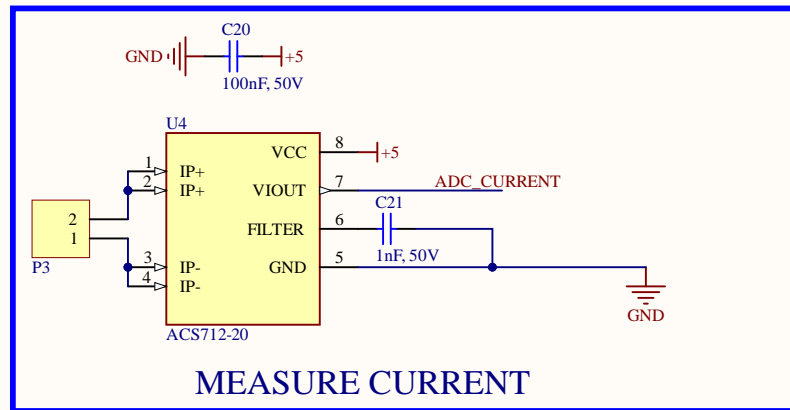
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D

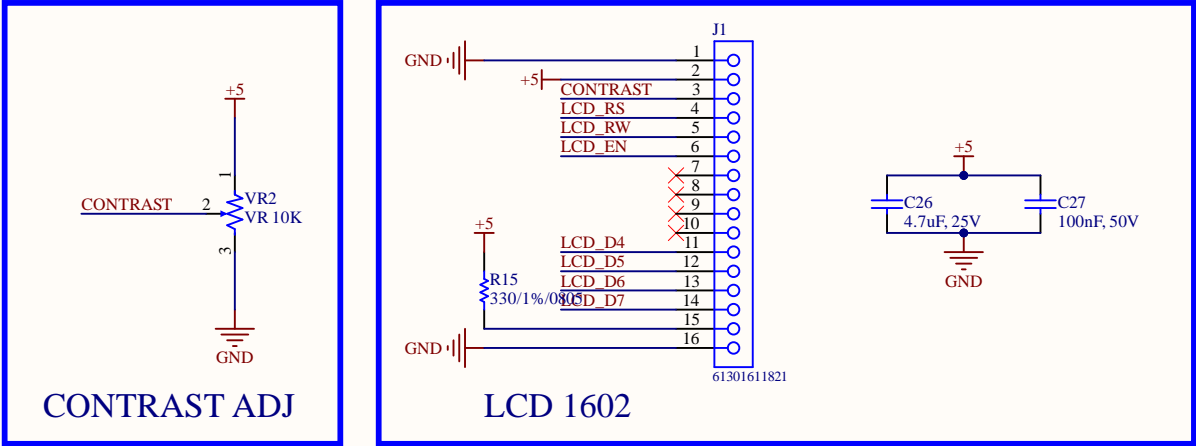
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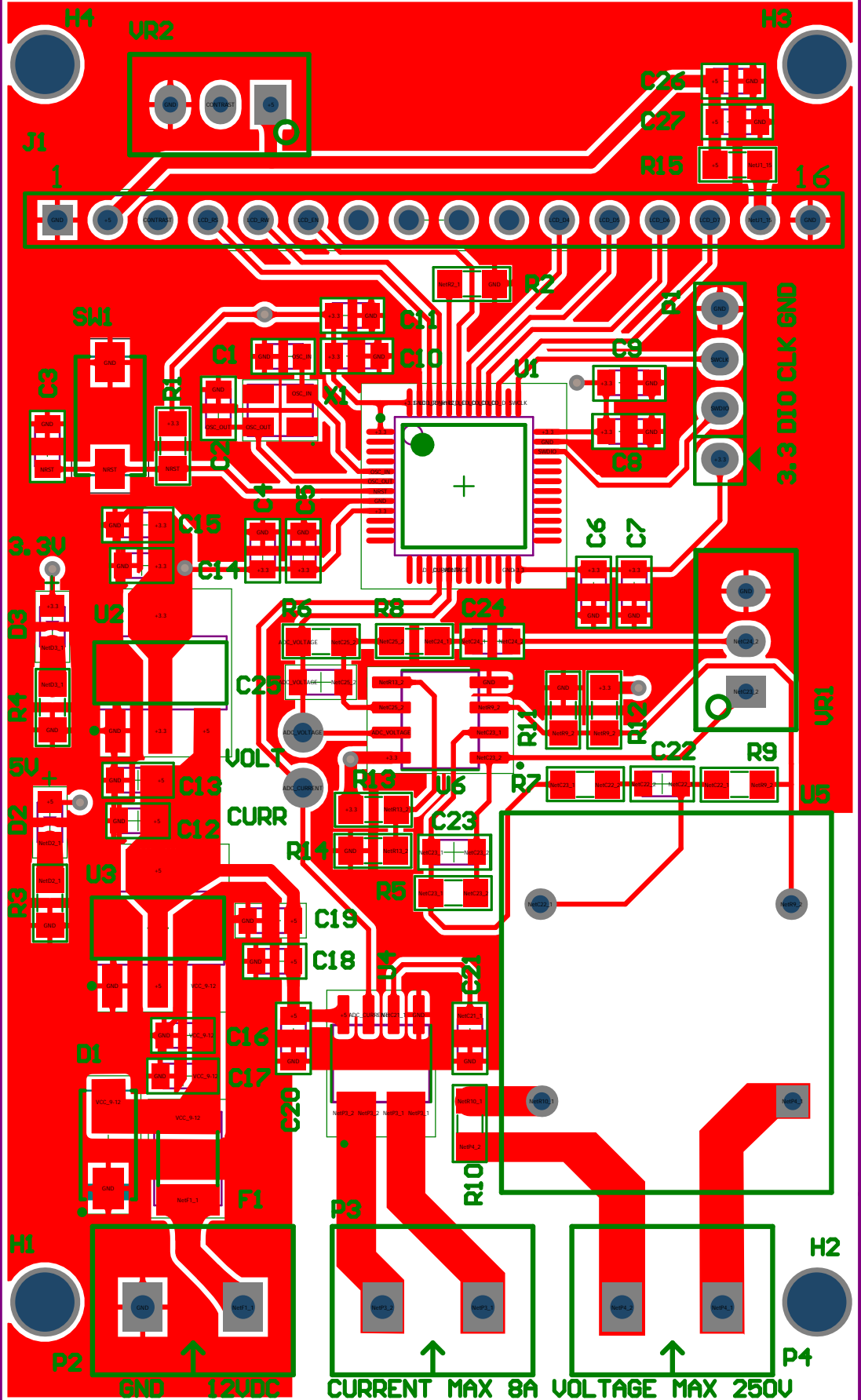
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| Title | | |
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| Size | Number | Revision |
| A4 | | |
| Date: | 6/19/2023 | Sheet of |
| File: | C:\Data\Display.SchDoc | Drawn By: |



| Comment | Designator | Footprint | Quantity |
|----------------|--|-------------------------------|----------|
| 22pF, 50V | C1, C2 | WCAP-CSGP_0805_H=0.6mm_Reflow | 2 |
| 100nF, 50V | C3, C6, C7, C8, C9, C10, C13, C15, C17, C19, C20, C27 | WCAP-CSGP_0805_H=0.8mm_Wave | 12 |
| 1uF, 50V | C4, C22, C24 | WCAP-CSGP_0805_H=1.25mm | 3 |
| 10nF, 50V | C5 | WCAP-CSGP_0805_H=0.8mm_Reflow | 1 |
| 10uF, 16V | C11 | WCAP-CSGP_0805_H=1.25mm | 1 |
| 4.7uF, 25V | C12, C14, C16, C18, C26 | WCAP-CSGP_0805_H=1.25mm | 5 |
| 1nF, 50V | C21, C23, C25 | WCAP-CSGP_0805_H=0.8mm_Wave | 3 |
| D Schottky | D1 | SS34 | 1 |
| Red, 2V | D2 | WL-SMCW_0805 | 1 |
| Green, 3.2V | D3 | WL-SMCW_0805 | 1 |
| Fuse | F1 | FUSE SMD | 1 |
| Hole | H1, H2, H3, H4 | LO KHOAN 3MM | 4 |
| 61301611821 | J1 | 61301611821 | 1 |
| Header 4 | P1 | JP4 | 1 |
| Domino 2 | P2, P3, P4 | DOMINO 2- 5mm | 3 |
| RESISTOR SMD | R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15 | RES-SM-0805 | 15 |
| 434123050816 | SW1 | WS-TASV_L6W3.5H5_4341x30508x6 | 1 |
| Test Point | TP1, TP2 | TP | 2 |
| STM32F103C8T6 | U1 | TSQFP50P900X900X160-48N | 1 |
| AMS1117-3.3V | U2 | SOT230P700X180-4N | 1 |
| AMS1117-5V | U3 | SOT230P700X180-4N | 1 |
| ACS712-20 | U4 | SOIC127P600X175-8N | 1 |
| ZMPT101B | U5 | ZMPT101B | 1 |
| TL072 | U6 | DIP794W45P254L1060H508Q8 | 1 |
| 10K | VR1, VR2 | VARISTOR 2 | 2 |
| XTAL/8MHz/3225 | X1 | XTAL 3225 | 1 |