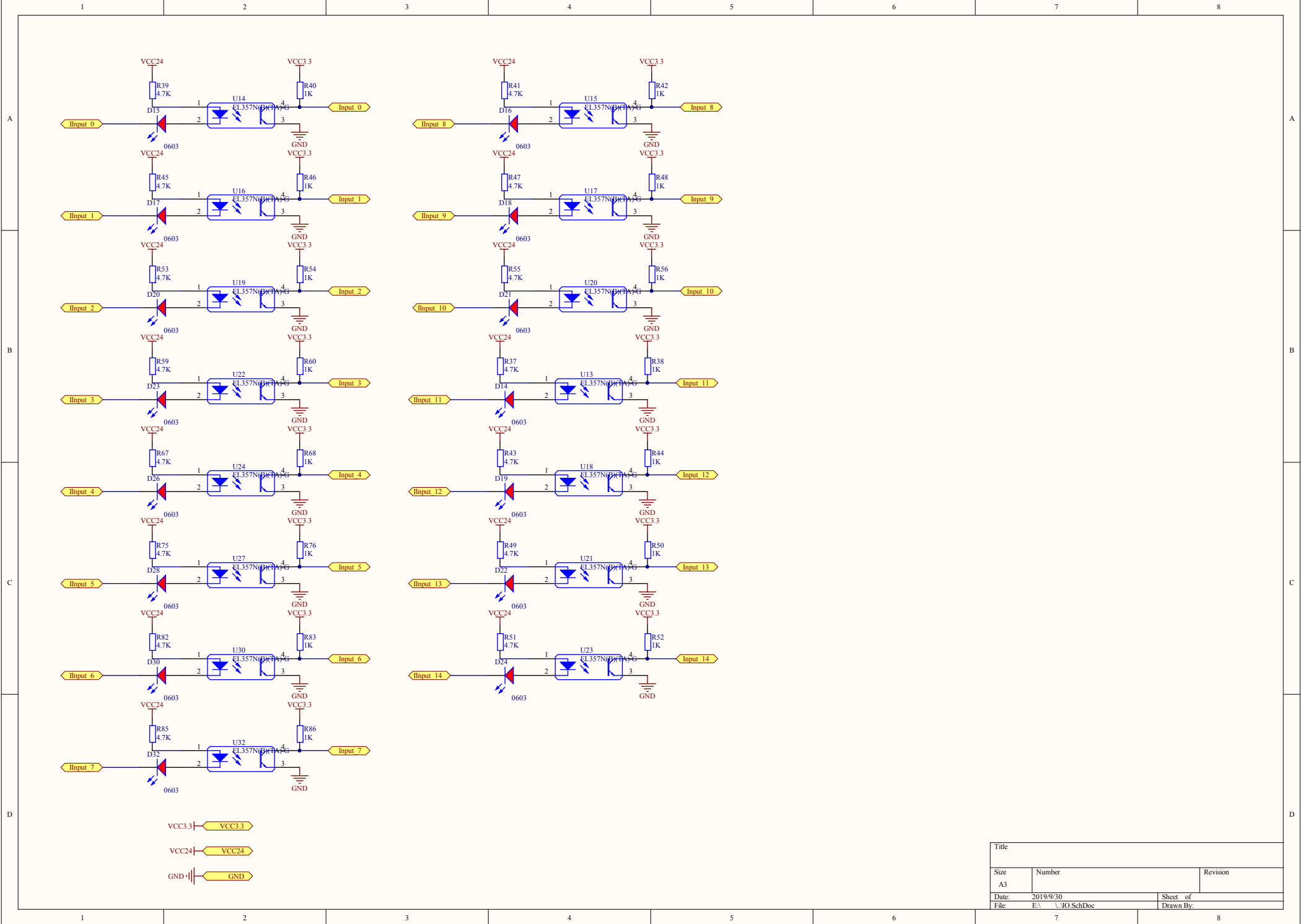
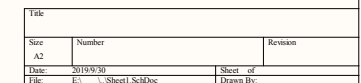
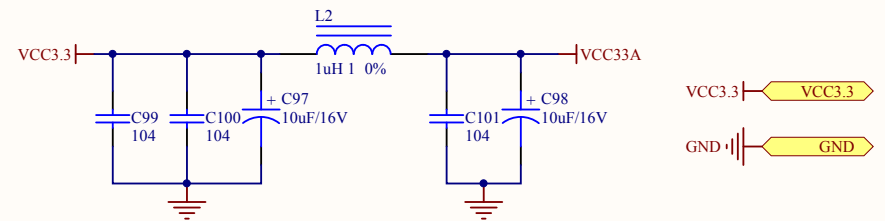
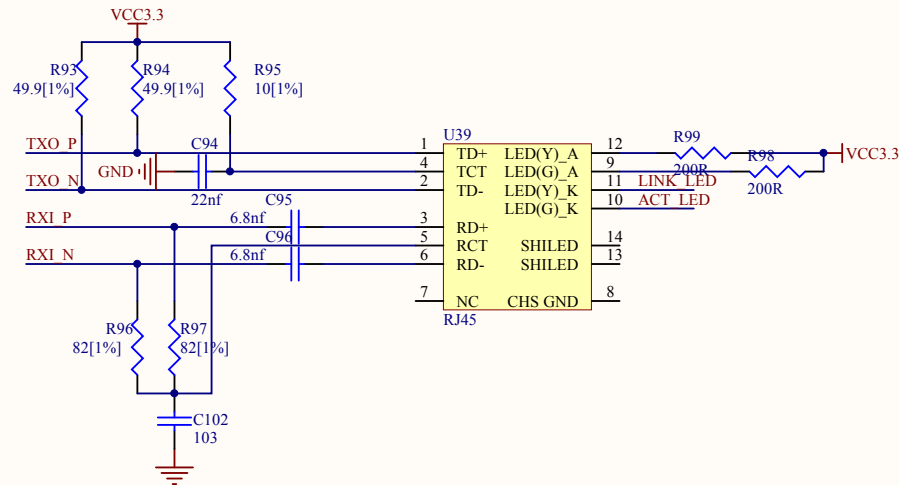
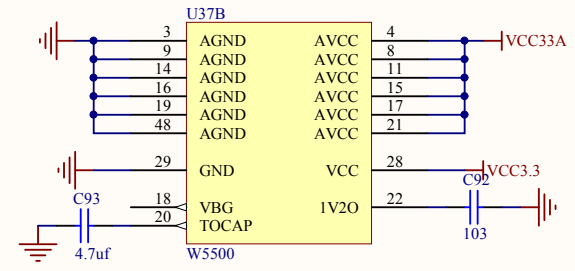
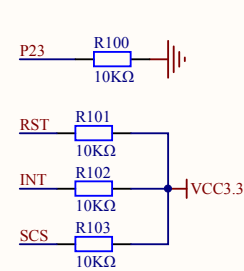
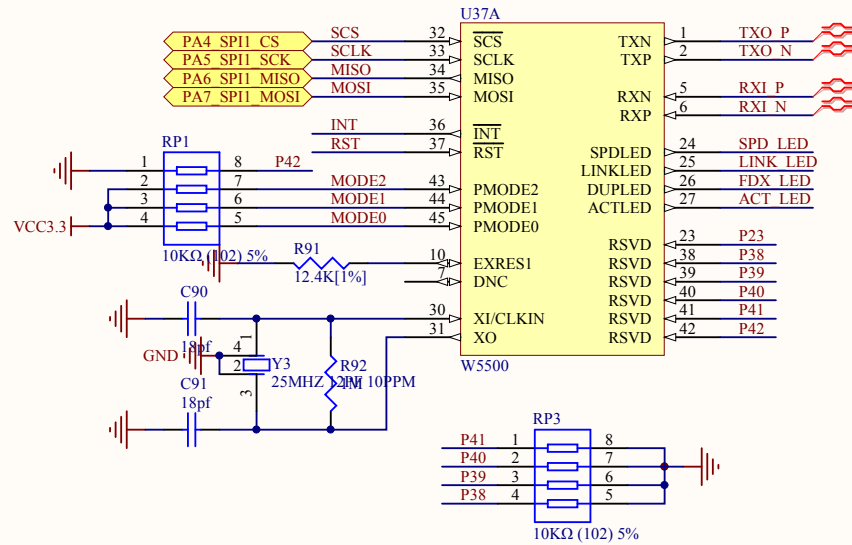


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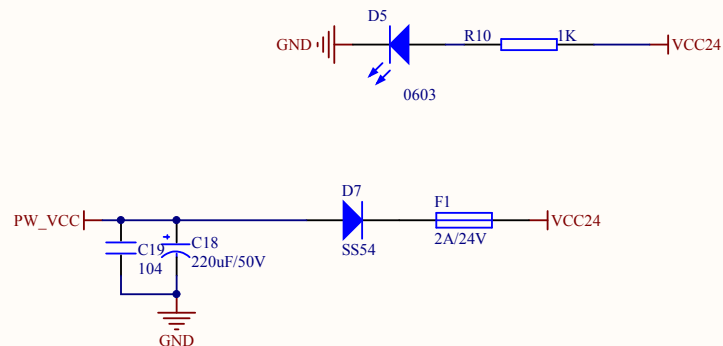
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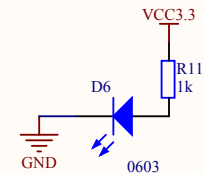
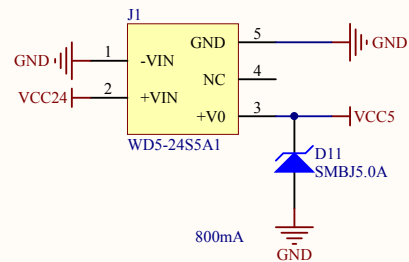
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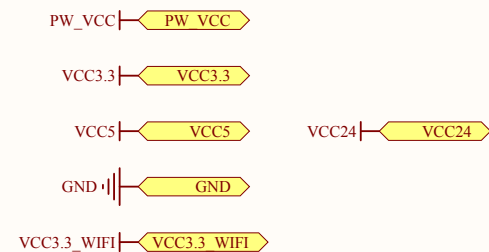
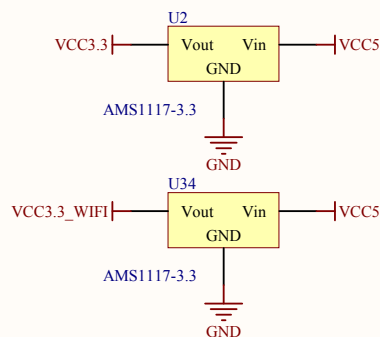
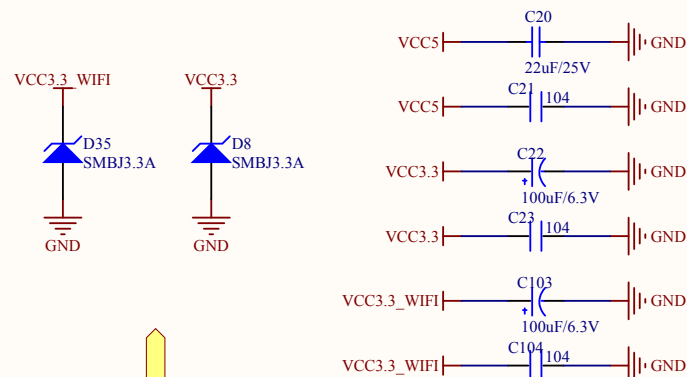


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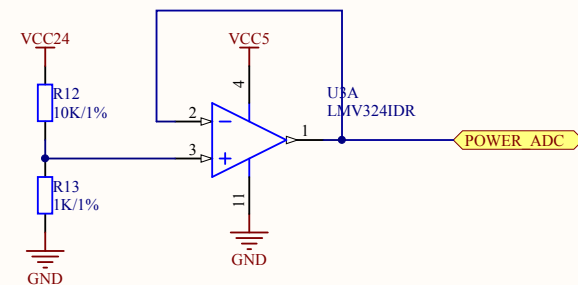
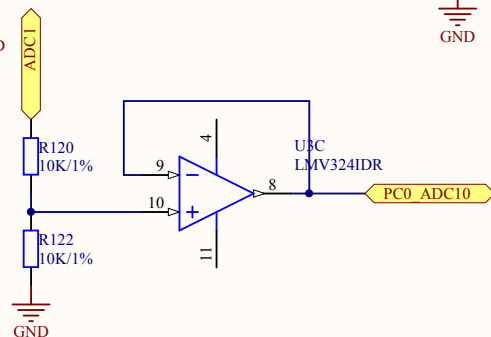
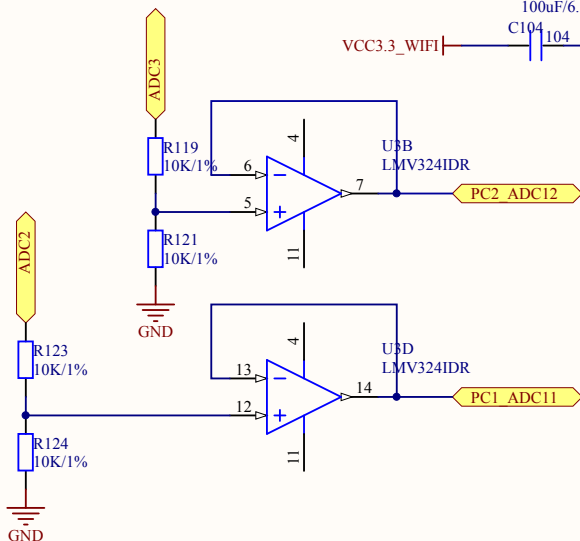
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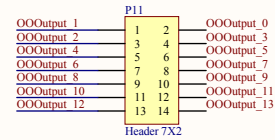
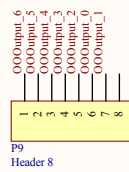
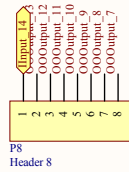
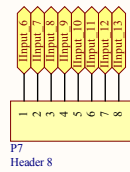
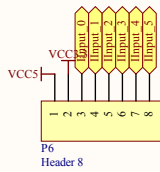
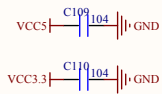
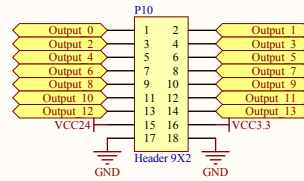
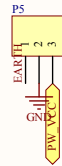
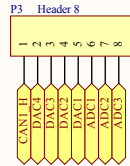
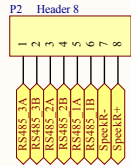
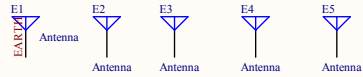
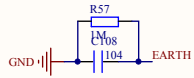
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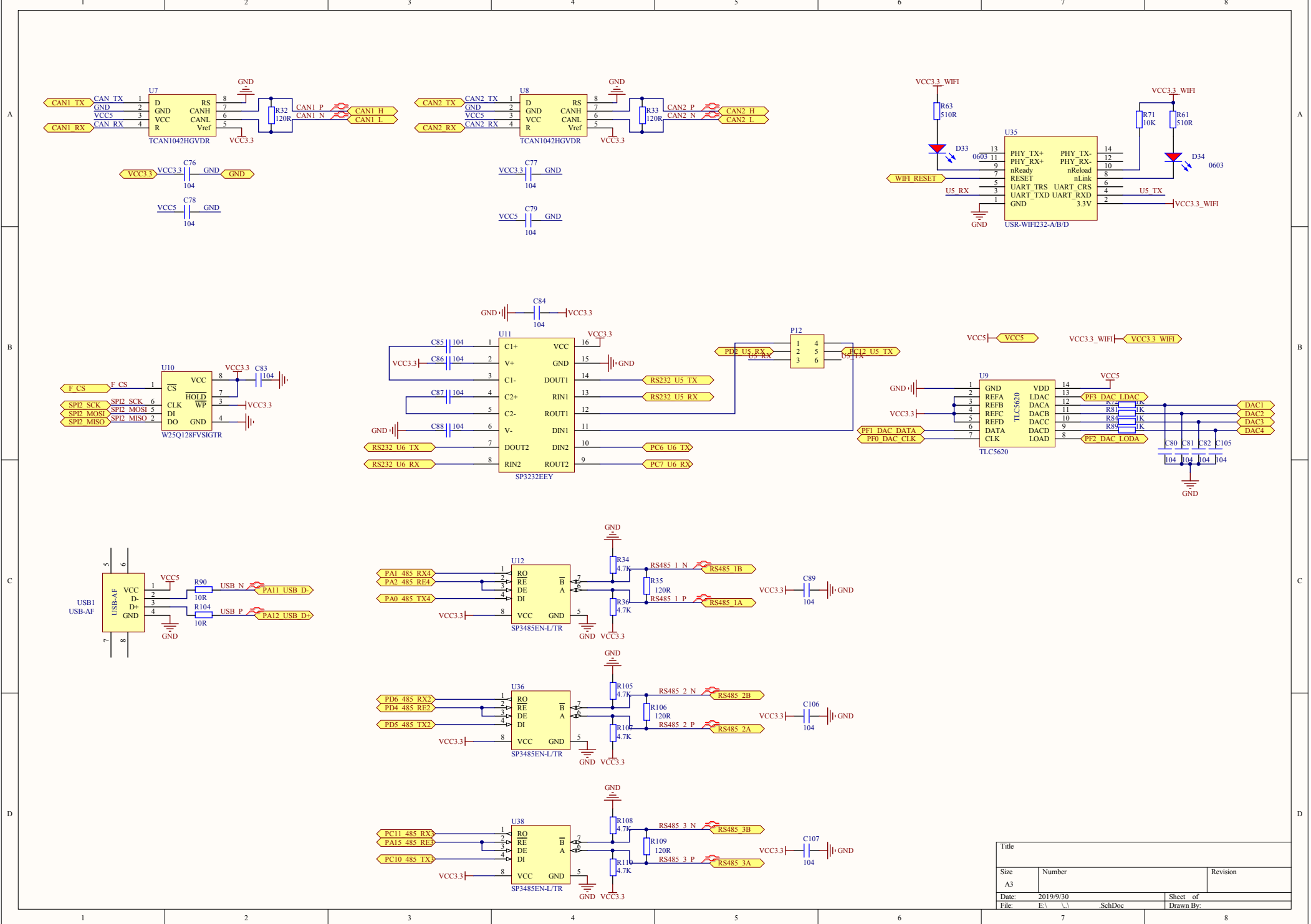
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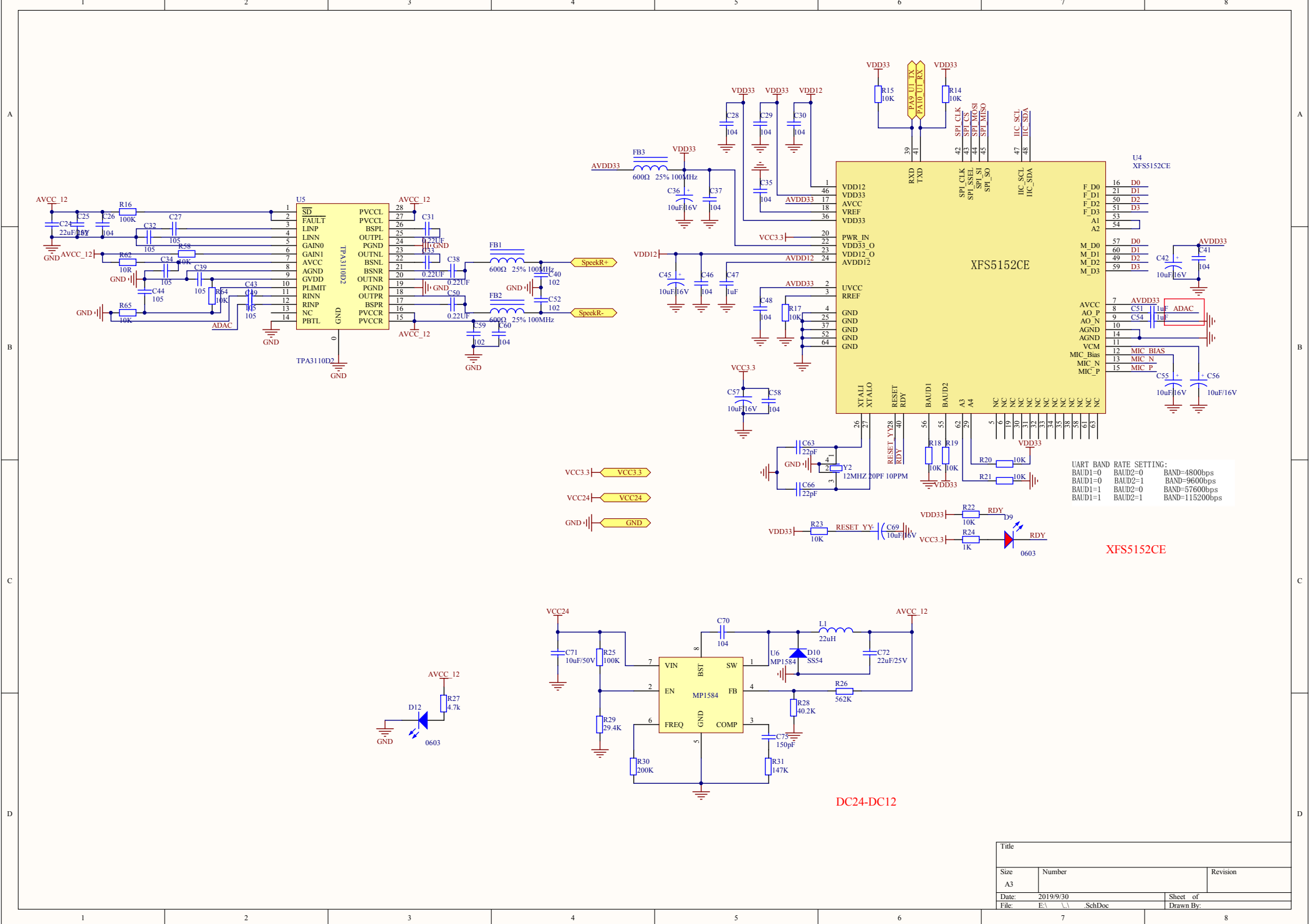
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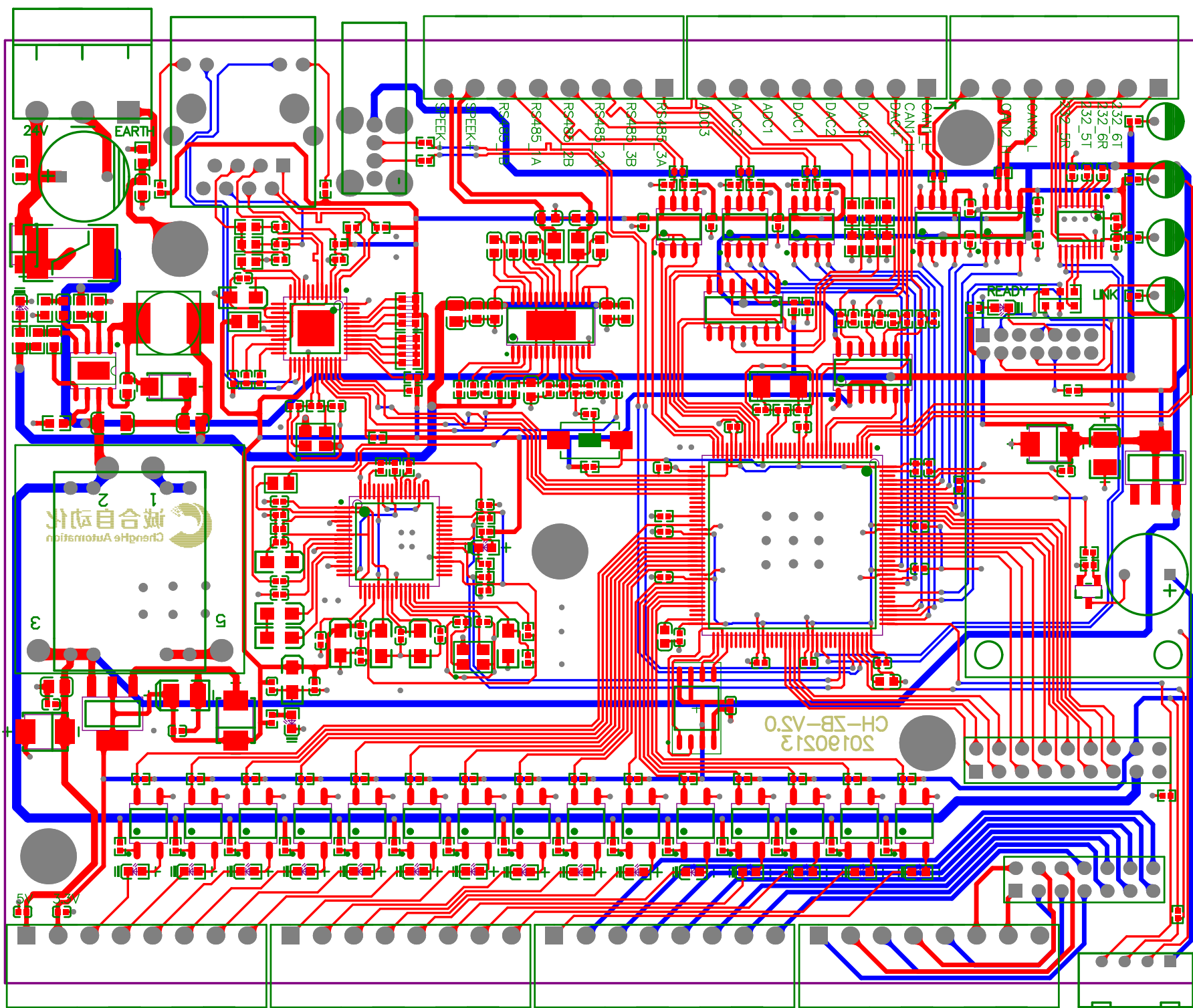
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| Comment | Description | Designator | Footprint | Label | Quantity |
|--------------------|---|--|---------------------|-----------------------------------|----------|
| BEEP | | BEEP1 | BELL-6 | BEEP | |
| 220F | 电容 | C1, C2, C83, C86 | 0402_C | C_3, Cap NP | 4 |
| 2.2uF | | C3, C4 | 0603_C | C | 2 |
| 104 | Capacitor Capacitor (Semiconductor SMD Model) | C5, C6, C7, C8, C10, C11, C12, C13, C14, C15, C16, C17, C21, C23, C28, C29, C30, C35, C37, C41, C46, C48, C56, C76, C77, C78, C79, C80, C81, C82, C83, C84, C85, C86, C100, C101, C104, C105, C106, C107, C109, C110 | 0402_C | C, C_2, C_3, CAP, Cap Smd | 40 |
| 200uF/50V | | C9 | CAP-10-13 | CAP | 3 |
| 104 | Capacitor (Semiconductor SMD Model) | C18, C26, C80, C70, C108 | 0603_C | C, Cap Smd | 6 |
| 22uF/25V | Capacitor (Semiconductor SMD Model) | C20, C24, C72 | 0805_C | Cap Smd | 3 |
| 100uF/6.3V | | C22, C103 | CASE-48_3638 | CAP | 2 |
| 102 | Capacitor (Semiconductor SMD Model) | C25, C40, C52, C59 | 0603_C | Cap Smd | 4 |
| 105 | Capacitor (Semiconductor SMD Model) | C27, C32, C38, C43, C44, C49 | 0402_C | Cap Smd | 6 |
| 0.22uF | Capacitor (Semiconductor SMD Model) | C31, C33, C38, C50 | 0603_C | Cap Smd | 4 |
| 105 | Capacitor (Semiconductor SMD Model) | C34 | 0603_C | Cap Smd | 3 |
| 10uF/16V | Capacitor | C36, C42, C45, C55, C58, C57, C58, C57, C36 | 3216 | CAPACITOR, CAPACITOR POL, CAP POL | 8 |
| 1uF | Capacitor (Semiconductor SMD Model) | C47, C51, C54 | 0402_C | Cap Smd | 3 |
| 10uF/50V | Capacitor (Semiconductor SMD Model) | C71 | 1206_C | Cap Smd | 3 |
| 100pF | Capacitor (Semiconductor SMD Model) | C75 | 0603_C | Cap Smd | 1 |
| 0.1uF | Capacitor | C59, C86, C87, C88 | 0402_C | Cap | 4 |
| 100F | Capacitor | C50, C91 | 0402_C | CAP | 2 |
| 103 | Capacitor | C85, C102 | 0402_C | CAP | 2 |
| 0.1uF | Capacitor | C83 | 0402_C | CAP | 2 |
| 220F | Capacitor | C34 | 0402_C | CAP | 1 |
| 0.01F | Capacitor | C56, C56 | 0402_C | CAP | 2 |
| LED1 0603 | LED | C2, C4, C24 | LED0 | 0603 LED | 3 |
| LED1 0603 | LED - 超亮 | D5 | LED0 | 0603 LED | 1 |
| LED1 0603 | LED - 超亮 | D6, D12 | 0603_LED_S1 | 0603 LED | 2 |
| 0804 | 二极管 | D07, D10 | SMADO214AC2, S1 | SMADO214AC2 SS64 | 2 |
| 0804L3A | Zener Diode | D6, D09 | SMADO214AC2, S1 | 0 Zener | 2 |
| LED1 0603 | LED - 超亮 | D8, D14, D16, D16, D17, D18, D19, D20, D21, D22, D23, D24, D26, D28, D30, D32, D33 | 0603_LED_S1 | 0603 LED | 17 |
| 0804L3A | Zener Diode | D11 | SMADO214AC2, S1 | 0 Zener | 1 |
| Antenna | Generic Antenna | E1, E2, E3, E4, E5 | 2102, 012 | Antenna | 5 |
| WDC-2456A1 | 电容 | F1 | LC-SMD0300 | Cap 1 | 1 |
| WDC-2456A1 | 贴片电感 | F81, F82, F83 | 0805_L | 0805 600uH 25%100MHz | 3 |
| WDC-2456A1 | Inductor | F1 | WDC-2456A3 | WDC-2456A3A1 | 1 |
| 22uF | Inductor | L1 | C-774mmS | Inductor | 1 |
| 100F/100V | 贴片电感 | L2 | 0805_L | 0805 10uH 10% | 1 |
| Header 4H | Header: 4-Pin, Right Angle | P1 | IDEX_D | Header 4H | 1 |
| Header 8 | Header: 8-Pin | P2, P3, P6, P7, P8, P9 | DZ-8-3.5 | Header 8 | 6 |
| Header 7 | Header: 7-Pin | P4 | DZ-7-3.5 | Header 7 | 1 |
| 排线 | Header: 3-Pin | P5 | DZ-3-08 | Header 3 | 1 |
| Header 9X2 | Header: 9-Pin, Dual row | P10 | HCER09 | Header 9X2 | 1 |
| Header 7X2 | Header: 7-Pin, Dual row | P11 | HCER07 | Header 7X2 | 1 |
| Header 3X5A | Header: 3-Pin, Dual row | P12 | QAP2 | Header 3X5A | 1 |
| SBR050 Y1 | 二极管 | P1 | SOT-23(SOT-23-3) | SOT-23 SBR050 Y1 | 1 |
| 1K | Resistor | R1, R16, R17, R24, R26, R40, R40, R50, R52, R54, R56, R60, R68, R72, R76, R81, R83, R84, R86, R89, R92, R93, R94, R95, R96, R97, R98, R99, R100, R101, R102, R103, R104, R105, R106, R107, R108, R110 | 0402_R | R, R_2, RES2 | 23 |
| 10K | Resistor | R14, R15, R17, R18, R19, R20, R21, R22, R23, R26, R64, R65, R71 | 0402_R | R, R_1, R_2, RES2 | 19 |
| 1M | | R2, R22 | 0402_R | R, RES1 | 2 |
| 0R | | R5 | 0402_R | R_2 | 1 |
| 10K 1% Resistor | Resistor | R12 | 0402_R | R102 | 1 |
| 10K 1% Resistor | Resistor | R13 | 0402_R | R101 | 1 |
| 100K | Resistor | R16 | 0402_R | R102 | 1 |
| 100K | | R25 | 0603_R | R_2 | 1 |
| 0R0K | | R26 | 0603_R | R_2 | 1 |
| 0.1K | | R27 | 0603_R | R_2 | 1 |
| 0.02K | | R28 | 0603_R | R_2 | 1 |
| 0.03K | | R29 | 0603_R | R_2 | 1 |
| 20K | | R30 | 0603_R | R_2 | 1 |
| 0.07K | | R31 | 0603_R | R_2 | 1 |
| 0.0R | | R32, R33, R36, R106, R109 | 0402_R | R_2 | 5 |
| 4.7K | | R34, R36, R37, R38, R41, R43, R45, R47, R49, R51, R53, R55, R59, R67, R75, R82, R85, R105, R107, R108, R110 | 0402_R | R_2 | 20 |
| 1M | | R57 | 0603_R | R_2 | 1 |
| 0.0R | | R61, R63, R66, R69 | 0402_R | R, R_2 | 4 |
| 10R | Resistor | R62, R63, R104 | 0402_R | R_2, R102 | 6 |
| 12.4k(1%) | | R61, R61 | 0603_R | RES1 | 2 |
| 0.011%V | | R60, R64 | 0402_R | RES1 | 2 |
| 0.011%V | | R65 | 0402_R | RES1 | 1 |
| 0.011%V | | R66, R67 | 0603_R | RES1 | 2 |
| 0.0R | | R68, R69 | 0402_R | RES1 | 2 |
| 10K 1% | 贴片电阻 | R100, R101, R102, R103 | 0402_R | 0603 1% (100) 1% | 4 |
| 10K 1% | | R100, R100, R121, R122, R123, R124 | 0603_R | R102 | 6 |
| 20F 1M | Resistor | R100, R100 | SW, F82, 61 | RES1 M | 1 |
| 10K, 1000 10% | 贴片电阻 | RPT, RPT | 0603_R04 | 0603 10% (100) 5% | 2 |
| BTM20F407Z0T6 | BTM20F407Z0T6 | U1 | LCFF-144_20x20x0.5P | BTM20F407Z0T6 | 1 |
| AMS1117-3.3 | 稳压集成电路(LDO) | U2, U24 | SOT-223 | SOT-223 AMS1117-3.3 | 2 |
| BTM20F407Z0R | 稳压集成电路(LDO) | U3 | SDC4-14_150m | BTM20F407Z0R | 1 |
| WP5615DC | 稳压 | U4 | LCFF-64_10x10x0.5P | WP5615D-2 | 1 |
| TPA3110D2 | TPA3110D2 | U5 | LCHT-B50F-28 | TPA3110D2 | 1 |
| MP1584 | | U6 | LC-B50C-EP_150mV | MP1584EN | 1 |
| TC5951M24NDR | CAN | U7, U8 | SDC4_150mV | TC5951M24NDR | 1 |
| TL5950 | | U9 | LC-B50C-14_150mV | Component 1 | 1 |
| W25Q128P-V01TR | Flash ROM | U10 | SDC8_W | W25Q128 | 1 |
| W25Q128EEV | W25Q128 | U11 | TSOP-16 | W25Q128EEV | 1 |
| SP486ENL1TR | RS-485 RS-422 | U12, U36, U38 | SDC4_150mV | SP486ENL1TR | 1 |
| BL357N8VTAJQ | | U13, U14, U15, U16, U17, U18, U19, U20, U21, U22, U23, U24, U27, U30, U32 | LC-SOP-4_P2.54 | J201 | 15 |
| USR-WF1232-A/B/D | | U35 | | USR-WF1232-A/B/D | 1 |
| W5500 | W5500 | U37 | LCFF-48_7x7x0.5P | W5500 | 1 |
| W5500 | | U39 | HRST105A | W5500 | 1 |
| U38-A7 | | U38 | U38-A7 | U38-A7 | 1 |
| WM8974 | 贴片电阻 | V1 | SMO-6032_2P | SMO-6032_2P WM8974 | 1 |
| DS90C02 20PF 100PM | 贴片电阻 | V2 | SMO-3225_4P | 20pm 20pf | 1 |
| DS90C02 13PF 100PM | 贴片电阻 | V3 | SMO-3225_4P | RTAL_1 | 1 |