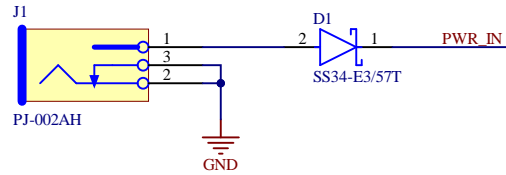


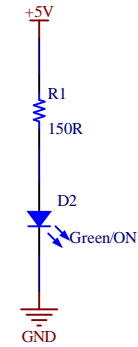
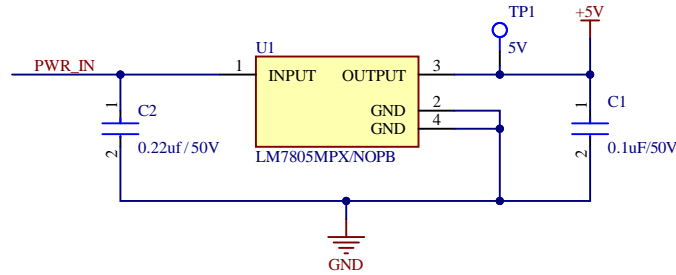
DC Power Input

Reverse polarity protection

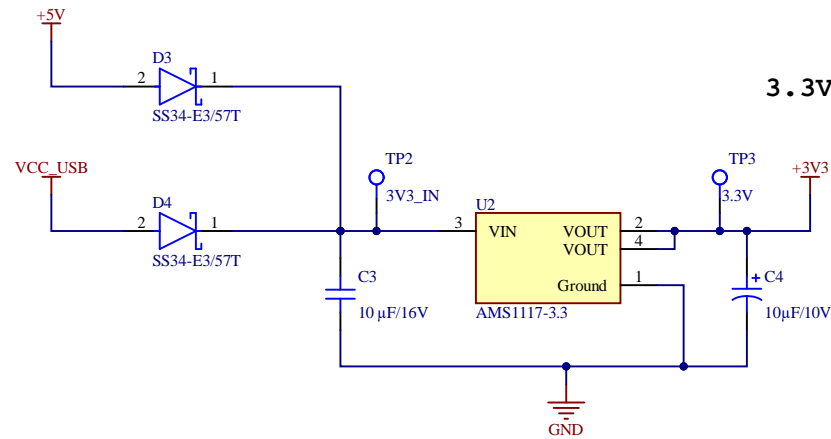



5v / 1A

Power ON/OFF LED

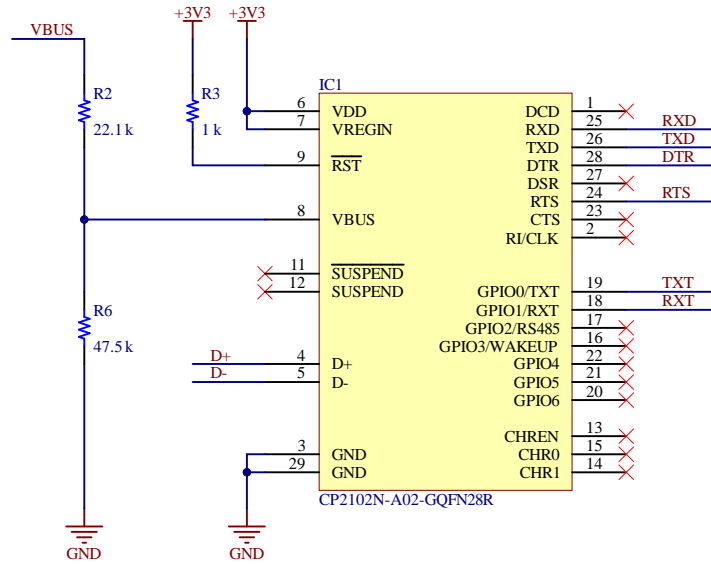
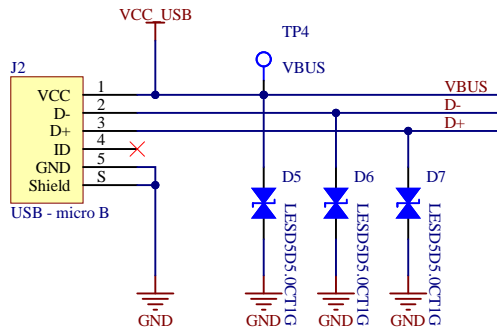


3.3V / 1A



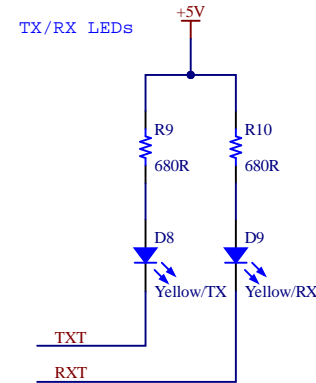
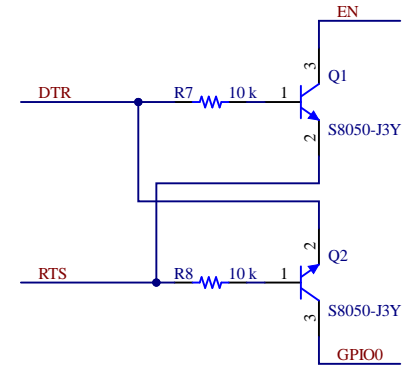
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| Title <b>Smart_Wifi_Control_System_Rev_A.1.0</b> |                  |                 | Page : <b>Power</b>   |
| Size: A4   | Number:02.       | Revision: A.1.0 |  |
| Date: 1/30/2024                                  | Time: 9:15:12 PM | Sheet 2 of 9    |   |
| Sheet Name: 01.Power.SchDoc                      |                  |                 | Drawn By : H.M.K Shehan   |

# USB Interface

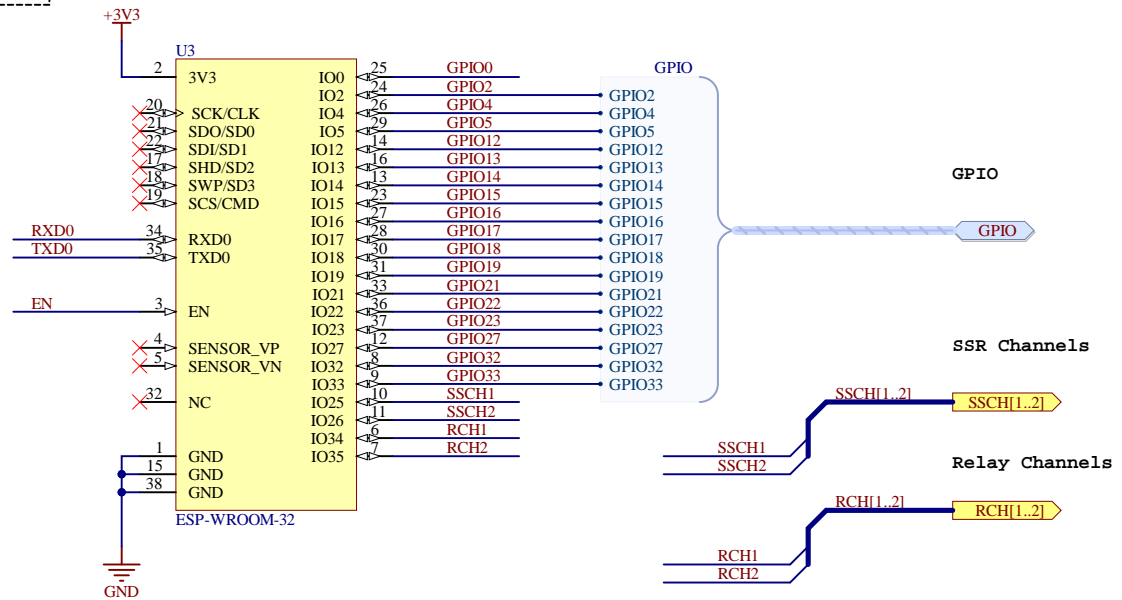
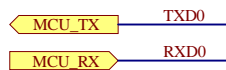
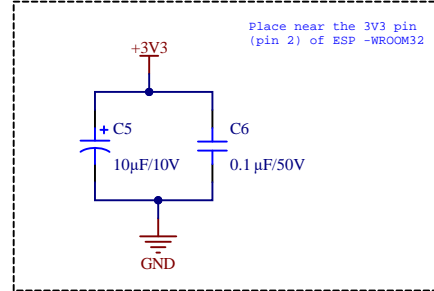
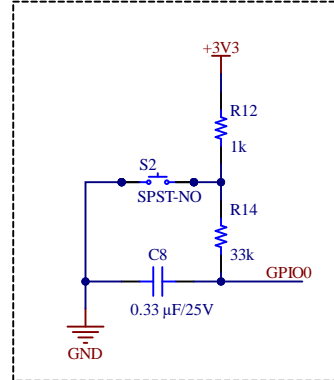
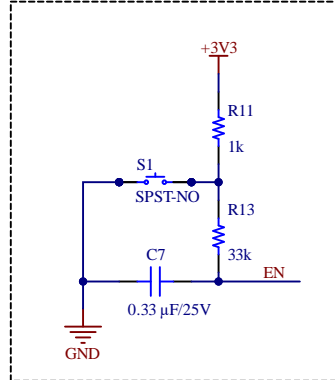



# MCU UART Interface

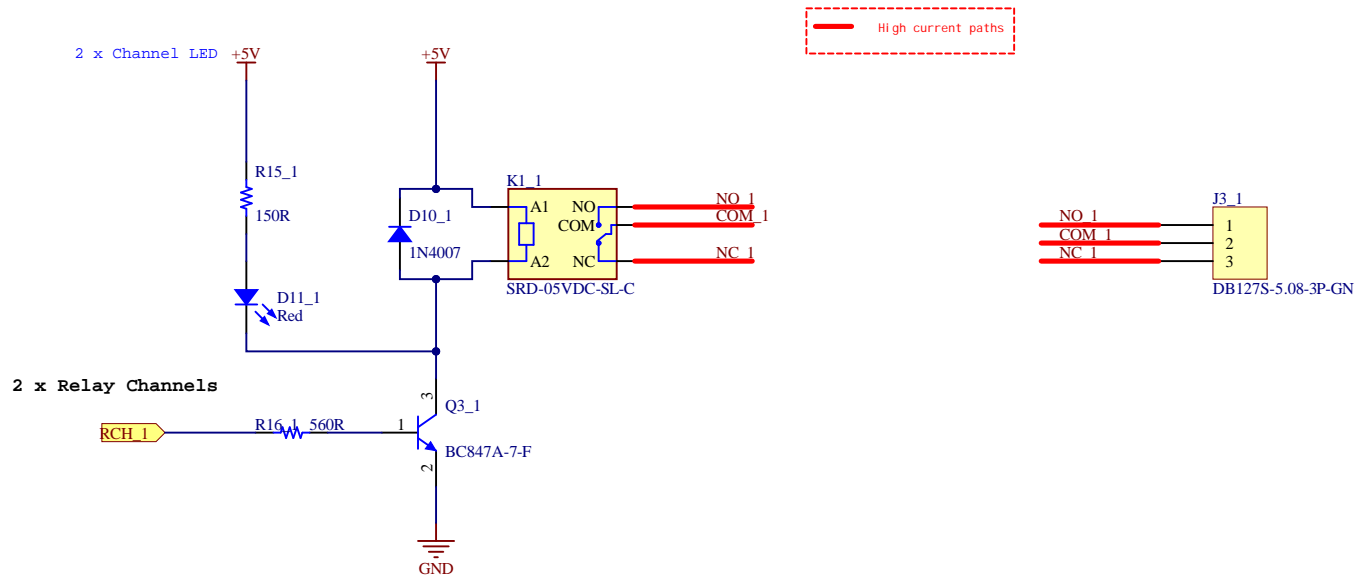
# Auto Program Unit




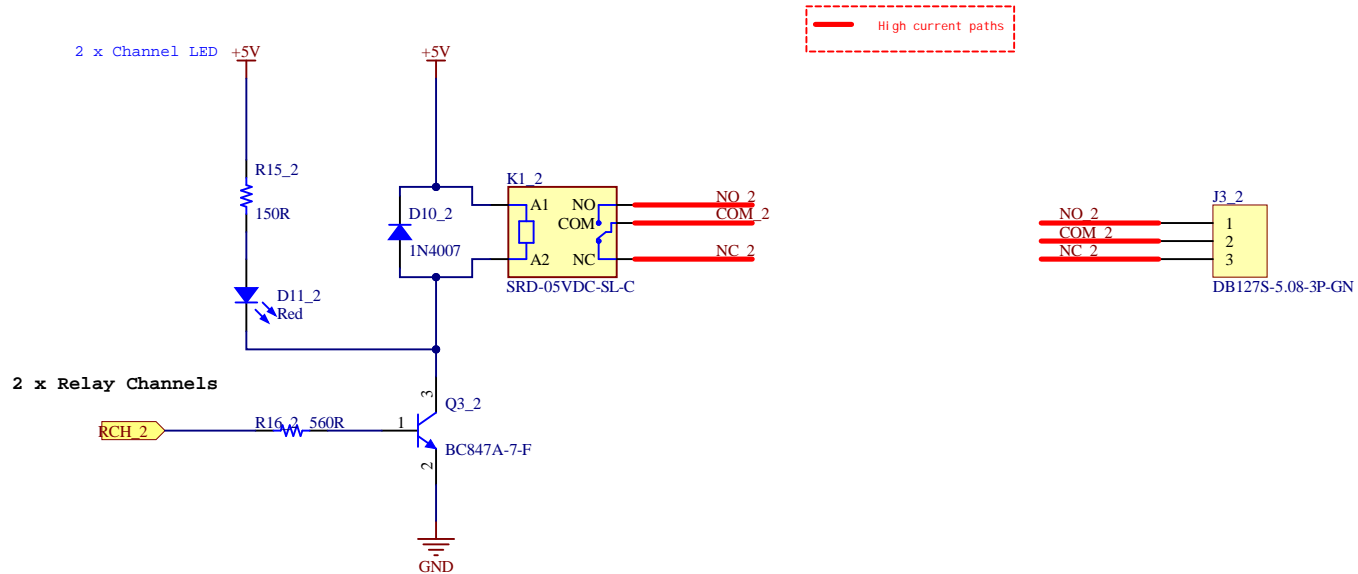
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| Title <b>Smart_Wifi_Control_System_Rev_A.1.0</b> |                  |                 | Page : <b>USB to UART</b> |
| Size: A4   | Number:03.       | Revision: A.1.0 |                           |
| Date: 1/30/2024                                  | Time: 9:15:12 PM | Sheet 3 of 9    |                           |
| Sheet Name : 02.USB_2_UART.SchDoc                |                  |                 | Drawn By : H.M.K Shehan   |




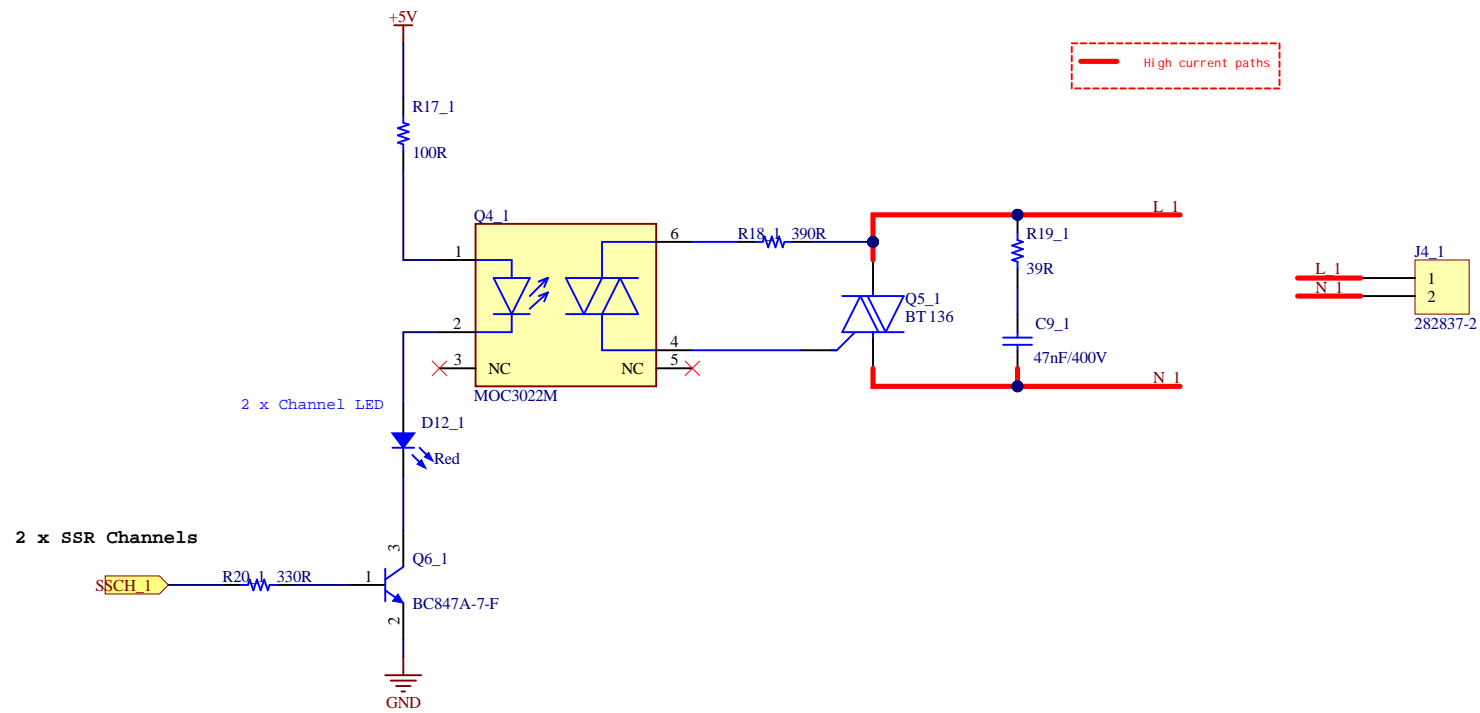
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| Title <b><i>Smart_Wifi_Control_System_Rev_A.1.0</i></b> |                   |                         | Page: <b>MCU</b>  |
| Size: A4  | Number: 04.       | Revision: A.1.0         |  |
| Date: 1/30/2024    Time: 9:15:12 PM                     | Sheet 4      of 9 | Drawn By : H.M.K Shehan |   |
| Sheet Name : 03.MCU.SchDoc                              |                   |                         |   |




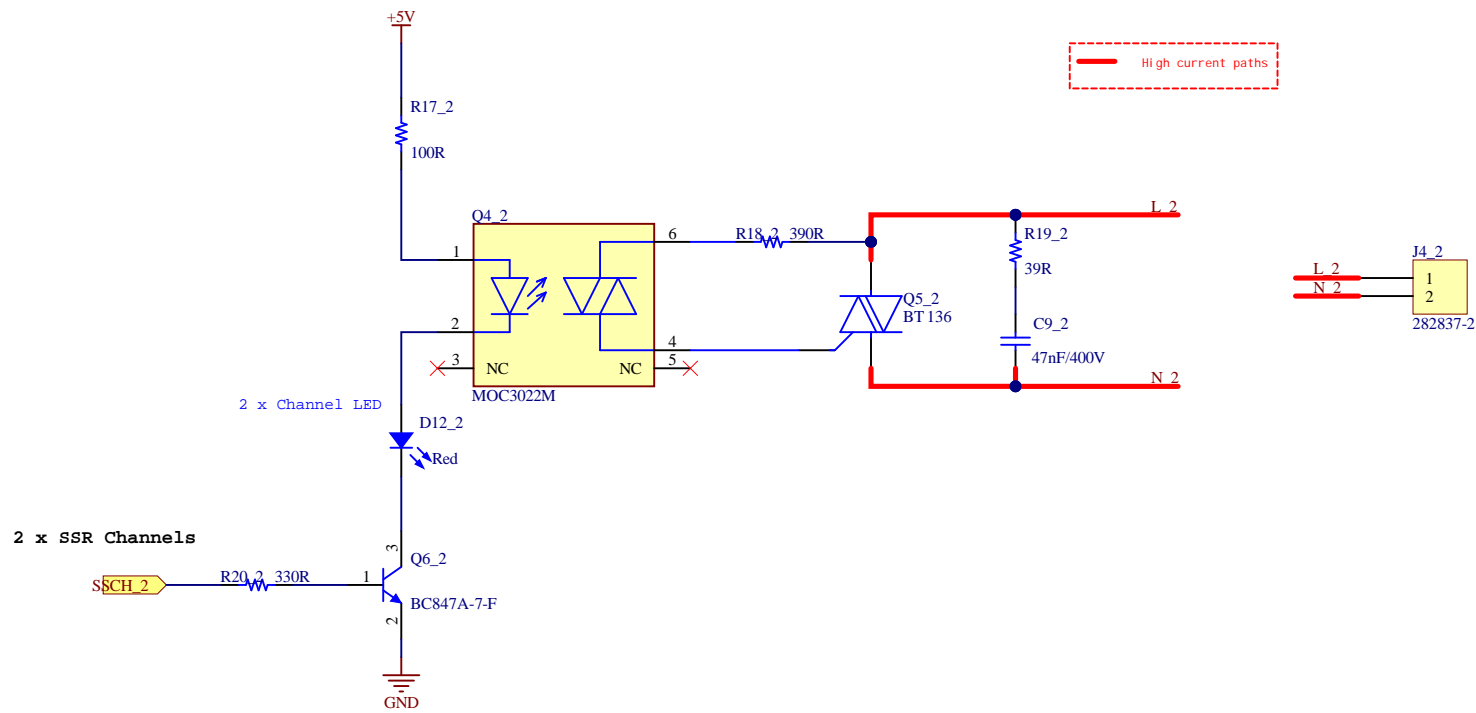
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| Title <b>Smart_Wifi_Control_System_Rev_A.1.0</b> |                  |                 | Page :  | Relay Channels |
| Size: A4   | Number:06.1      | Revision: A.1.0 |  |                |
| Date: 1/30/2024                                  | Time: 9:15:12 PM | Sheet 5.1 of 9  |   |                |
| Sheet Name: 04.Relays.SchDoc                     |                  |                 | Drawn By : H.M.K.Shehan   |                |




|  |                  |                 |   |
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| Title <b>Smart_Wifi_Control_System_Rev_A.1.0</b> |                  |                 | Page : <b>Relay Channels</b>  |
| Size: A4   | Number:06.2      | Revision: A.1.0 |  |
| Date: 1/30/2024                                  | Time: 9:15:12 PM | Sheet 5.2 of 9  |   |
| Sheet Name: 04.Relays.SchDoc                     |                  |                 | Drawn By : H.M.K.Shehan   |



|  |                         |                              |   |
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| Title <b>Smart_Wifi_Control_System_Rev_A.1.0</b> |                         |                              | Page : <b>SSR Channels</b>  |
| Size: <b>A4</b>                                  | Number: <b>07.1</b>     | Revision: <b>A.1.0</b>       |  |
| Date: <b>1/30/2024</b>                           | Time: <b>9:15:12 PM</b> | Sheet <b>6.1</b> of <b>9</b> |   |
| Sheet Name: <b>05.SSRs.SchDoc</b>                |                         |                              | Drawn By : <b>H.M.K Shehan</b>  |



|  |                         |                              |   |
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| Title <b>Smart_Wifi_Control_System_Rev_A.1.0</b> |                         |                              | Page : <b>SSR Channels</b>  |
| Size: <b>A4</b>                                  | Number: <b>07.2</b>     | Revision: <b>A.1.0</b>       |  |
| Date: <b>1/30/2024</b>                           | Time: <b>9:15:13 PM</b> | Sheet <b>6.2</b> of <b>9</b> |   |
| Sheet Name: <b>05.SSRs.SchDoc</b>                |                         |                              | Drawn By : <b>H.M.K Shehan</b>  |



