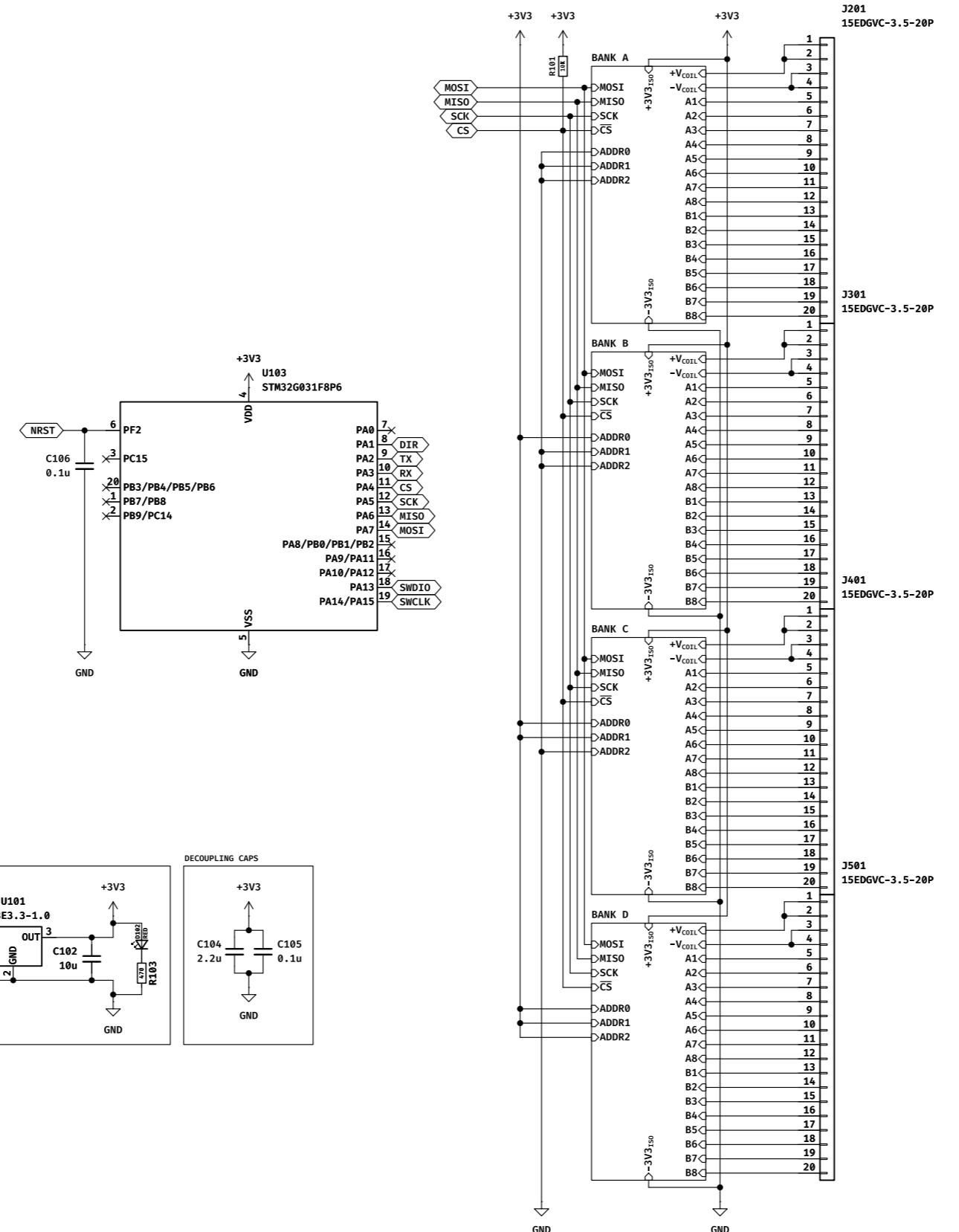
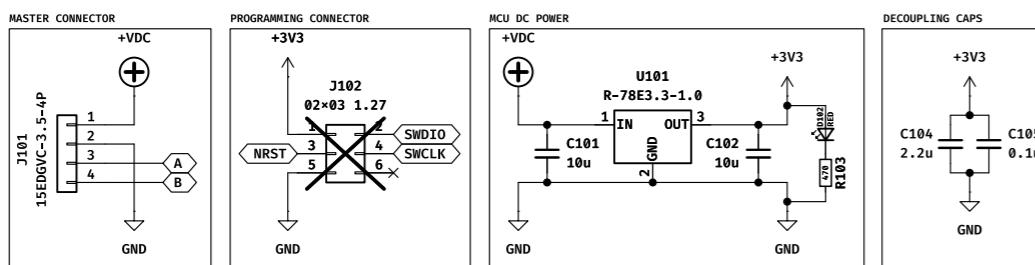
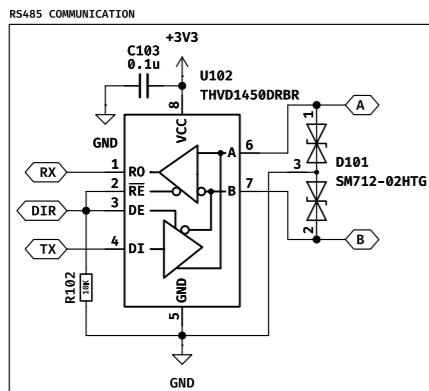
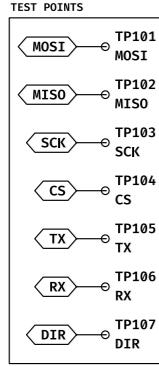


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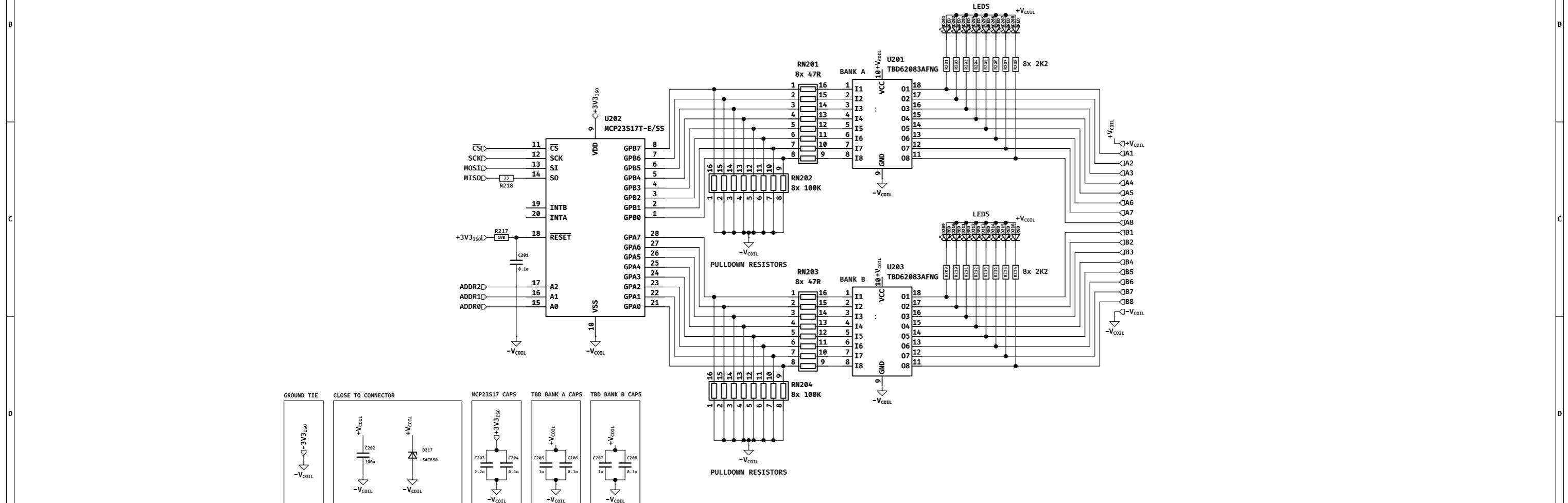
Module designed for home industrial automation systems.  
Communicates with other devices via MODBUS and provides 64 low-side outputs.  
Suitable for driving relay coils and other loads.  
Supply voltage: 7–28 V DC; Output rating: up to 50 V DC (load side)  
[HTTPS://GITHUB.COM/OPENMODBUS/OM-64DO](https://GITHUB.COM/OPENMODBUS/OM-64DO)

Sheet: /  
File: OM-64DO.kicad\_sch

Title: OM-64DO - 64 CHANNEL OUTPUT EXPANSION MODULE (MAIN)

Size: A3 Date: 2025-12-08  
KiCad E.D.A. 9.0.6

Rev: 1A  
Id: 1/5



Module designed for home industrial automation systems.  
Communicates with other devices via MODBUS and provides 64 low-side outputs.  
Suitable for driving relay coils and other loads.  
Supply voltage: 7–28 V DC; Output rating: up to 50 V DC (load side)  
[HTTPS://GITHUB.COM/OPENMODBUS/OM-64DO](https://GITHUB.COM/OPENMODBUS/OM-64DO)

Sheet: /BANK A/  
File: logic\_block.kicad\_sch

Title: OM-64DO - 64 CHANNEL OUTPUT EXPANSION MODULE (BANK)

Size: A3 Date: 2025-12-08  
KiCad E.D.A. 9.0.6

Rev: 1A  
Id: 2/5

A

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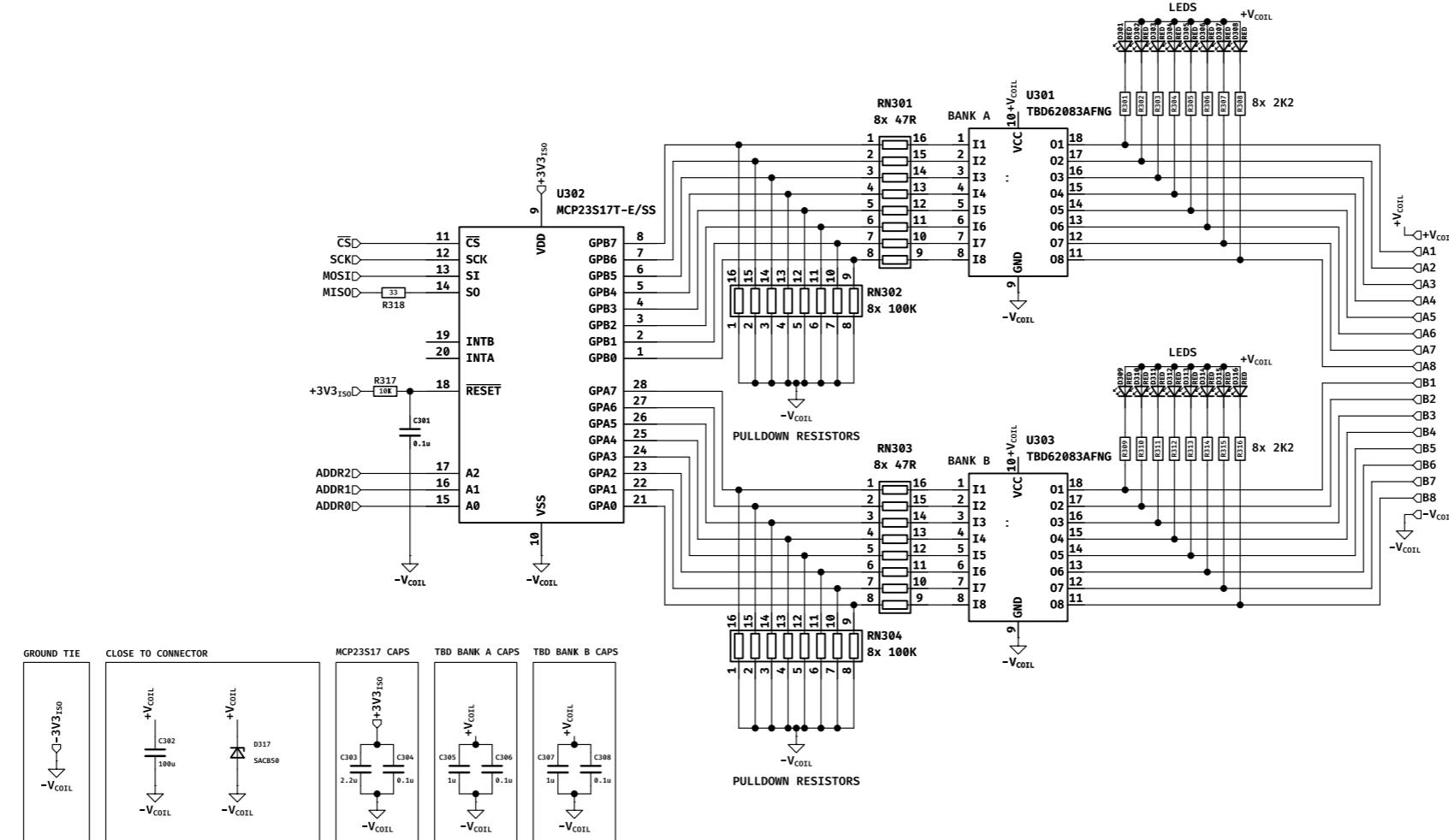
B

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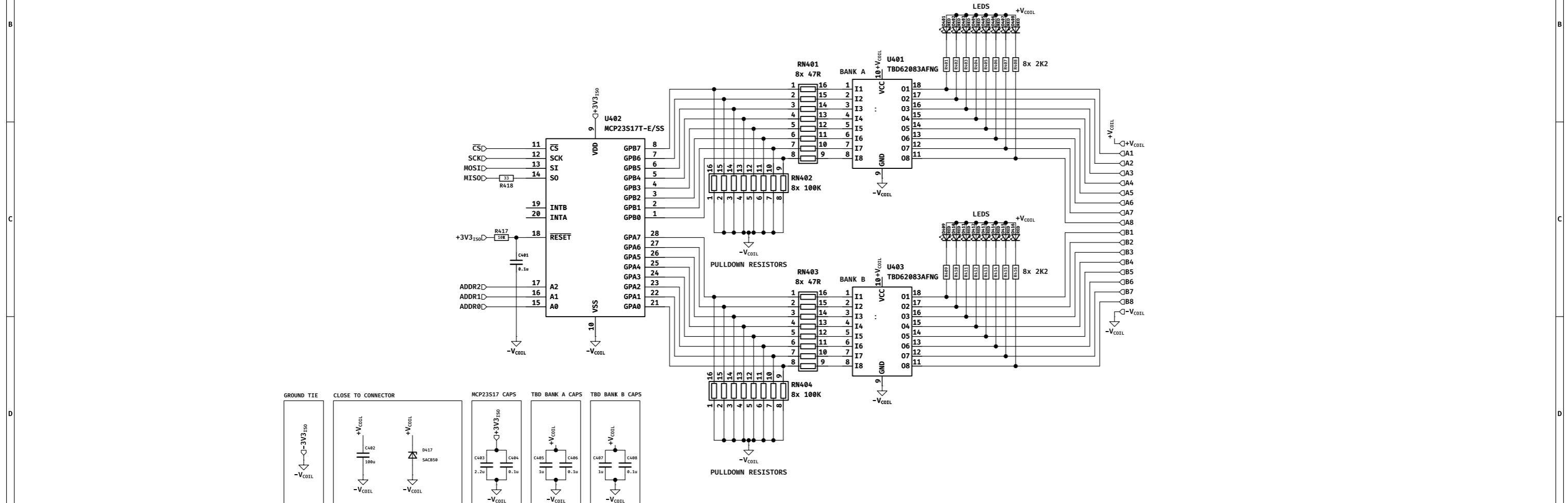


Module designed for home industrial automation systems.  
Communicates with other devices via MODBUS and provides 64 low-side outputs.  
Suitable for driving relay coils and other loads.  
Supply voltage: 7–28 V DC; Output rating: up to 50 V DC (load side)  
[HTTPS://GITHUB.COM/OPENMODBUS/OM-64DO](https://GITHUB.COM/OPENMODBUS/OM-64DO)

Sheet: /BANK B/  
File: logic\_block.kicad\_sch

**Title: OM-64DO - 64 CHANNEL OUTPUT EXPANSION MODULE (BANK)**

Size: A3	Date: 2025-12-08	Rev: 1A
KiCad E.D.A. 9.0.6		Id: 3/5



Module designed for home industrial automation systems.  
Communicates with other devices via MODBUS and provides 64 low-side outputs.  
Suitable for driving relay coils and other loads.  
Supply voltage: 7–28 V DC; Output rating: up to 50 V DC (load side)  
[HTTPS://GITHUB.COM/OPENMODBUS/OM-64DO](https://GITHUB.COM/OPENMODBUS/OM-64DO)

Sheet: /BANK C/  
File: logic\_block.kicad\_sch

Title: OM-64DO - 64 CHANNEL OUTPUT EXPANSION MODULE (BANK)

Size: A3 Date: 2025-12-08  
KiCad E.D.A. 9.0.6

Rev: 1A  
Id: 4/5

A

B

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D

E

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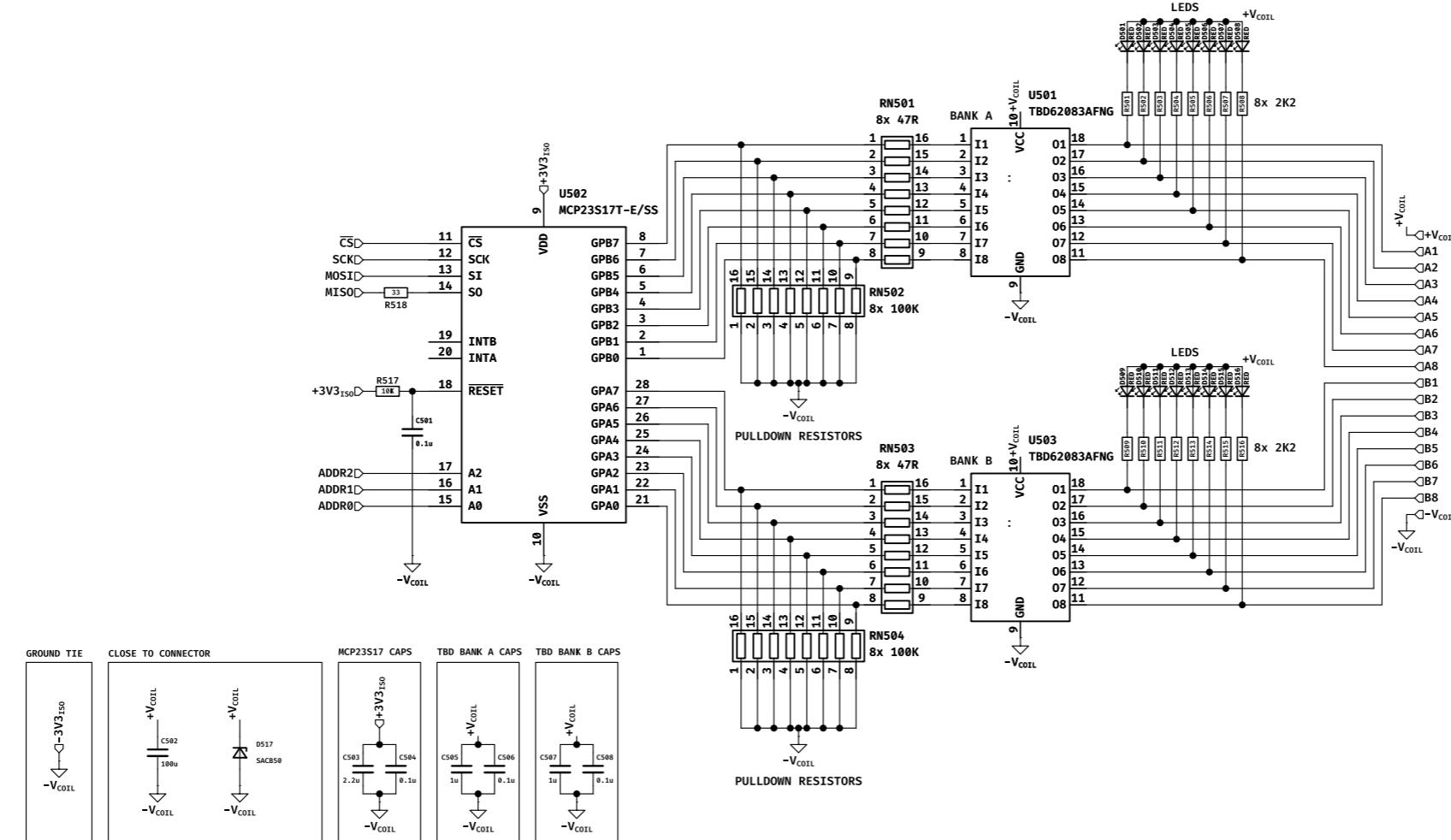
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Module designed for home industrial automation systems.  
Communicates with other devices via MODBUS and provides 64 low-side outputs.  
Suitable for driving relay coils and other loads.  
Supply voltage: 7–28 V DC; Output rating: up to 50 V DC (load side)  
[HTTPS://GITHUB.COM/OPENMODBUS/OM-64DO](https://GITHUB.COM/OPENMODBUS/OM-64DO)

Sheet: /BANK D/  
File: logic\_block.kicad\_sch

**Title: OM-64DO - 64 CHANNEL OUTPUT EXPANSION MODULE (BANK)**

Size: A3 | Date: 2025-12-08  
KiCad E.D.A. 9.0.6

Rev: 1A  
Id: 5/5