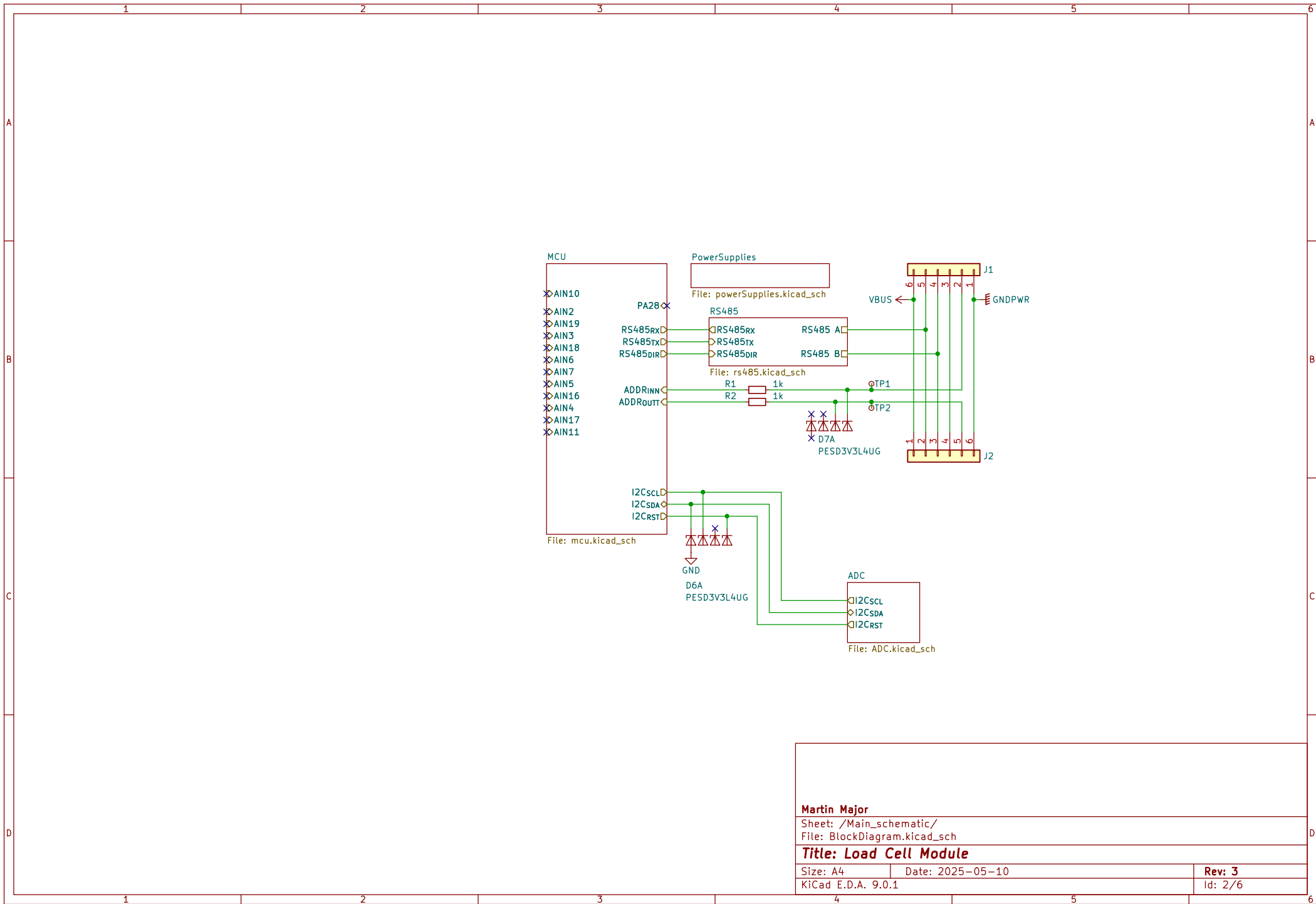


1	2	3	4	5	6
A					
B					
C					
D					
1	2	3	4	5	6

Main\_schematic

File: BlockDiagram.kicad\_sch

Martin Major		
Sheet: /		
File: Weight_measurement.kicad_sch		
Title: Load Cell Module		
Size: A4	Date: 2025-05-10	Rev: 3
KiCad E.D.A. 9.0.1	Id: 1/6	



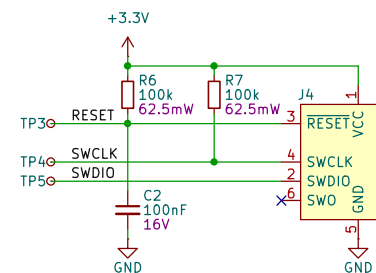
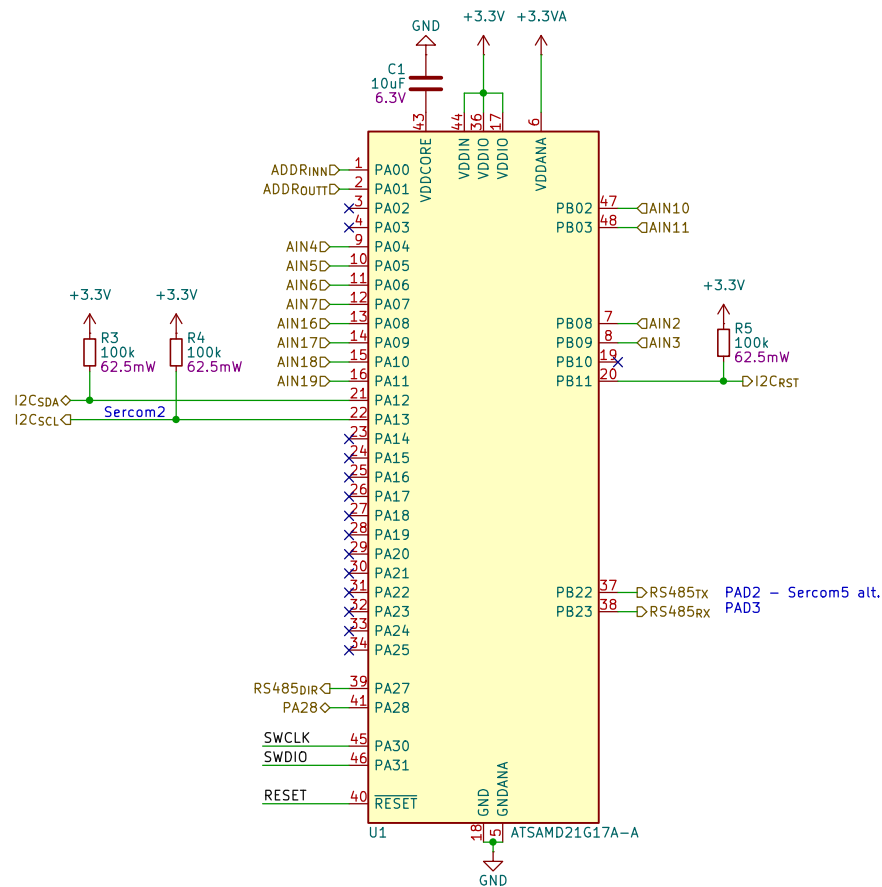
Martin Major

Sheet: /Main\_schematic/  
File: BlockDiagram.kicad\_sch

**Title: Load Cell Module**

Size: A4 Date: 2025-05-10  
KiCad E.D.A. 9.0.1

Rev: 3  
Id: 2/6



Martin Major

Sheet: /Main\_schematic/MCU/

File: mcu.kicad\_sch

Title: Load Cell Module

Size: A4

Date: 2025-05-10

Rev: 3

KiCad E.D.A. 9.0.1

Id: 3/6

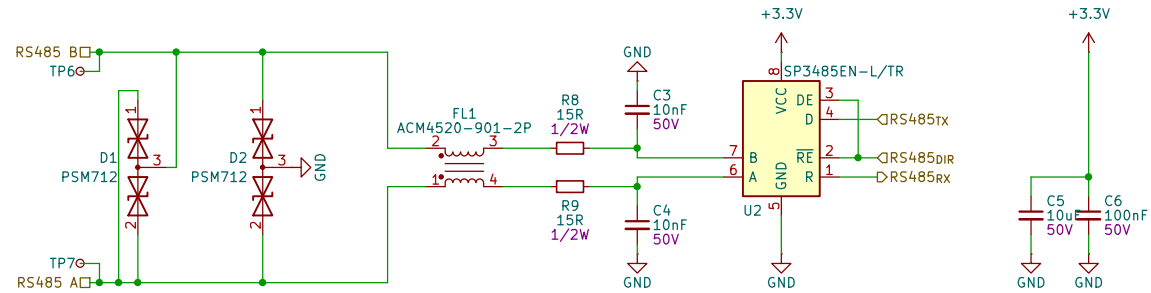
## RS485 Interface

Input EMC & ESD

Input signal filter

F3db = 1 MHz

Fast transient = 2kV, 5/50ns, 40 A via TVS



Martin Major

Sheet: /Main\_schematic/RS485/

File: rs485.kicad\_sch

**Title: Load Cell Module**

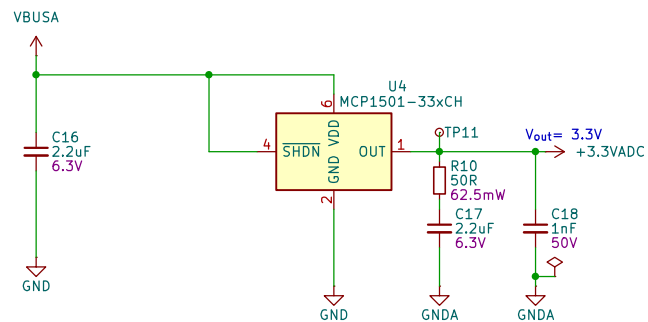
Size: A4

Date: 2025-05-10

Rev: 3

KiCad E.D.A. 9.0.1

Id: 4/6



Id: 6/6