

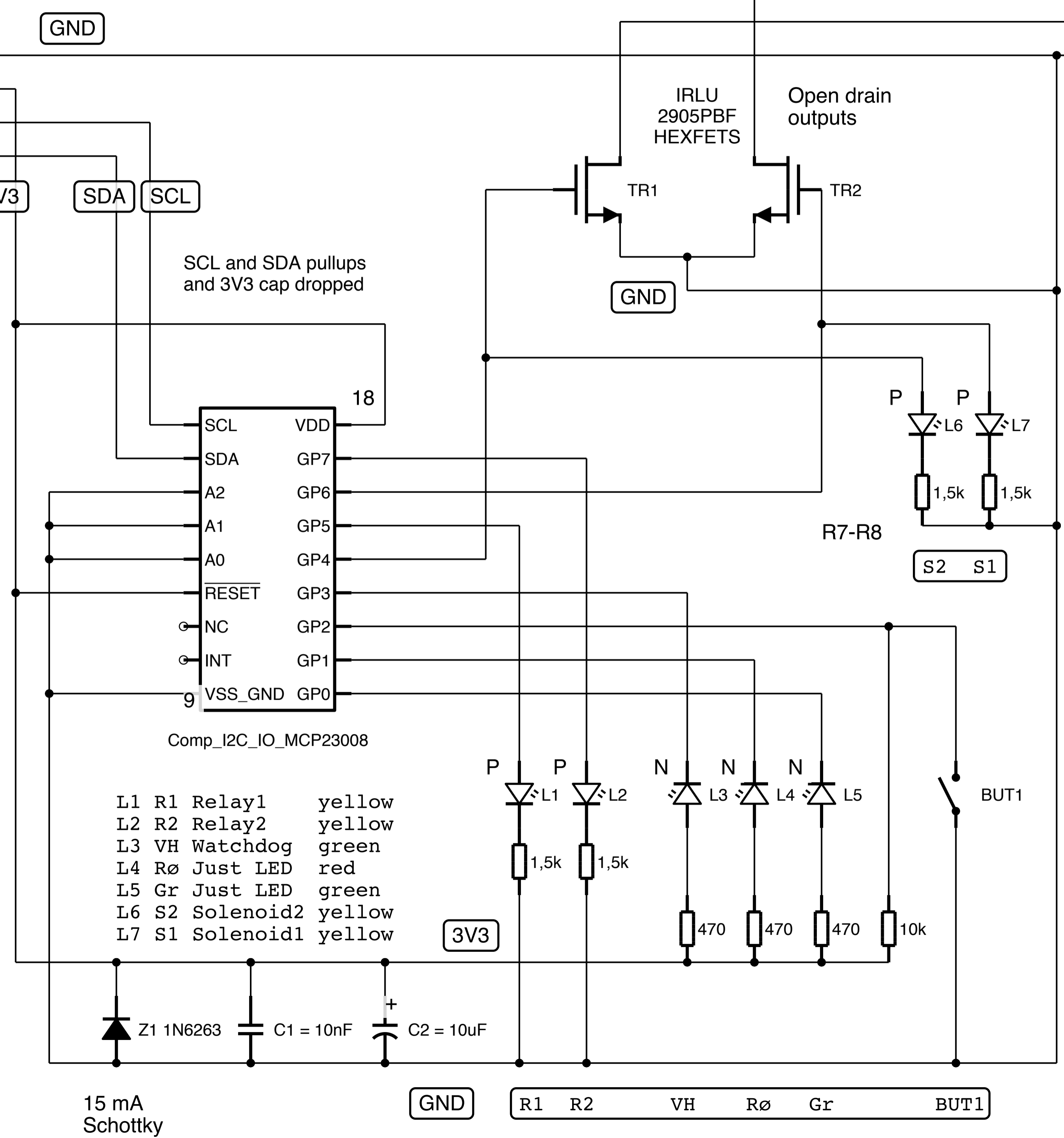
Binder connector series 719 (female) ElfaDistrelec 144-42-711 On cable end

PIN1\_I2C\_IN\_0V 1  
 PIN2\_I2C\_IN\_3V3 2  
 PIN3\_I2C\_IN\_SCL 3  
 PIN2\_I2C\_IN\_SDA 4

Not seen here: three Adafruit MCP9808 temperature sensors (product 1782) each have 10k pull-ups. I2C addresses 0x18, 0x19, 0x1A

I2C address 0x20

P = Positive logic low power pull-up of LED  
 N = Negative logic more power pull-down of LED



- L1 R1 Relay1 yellow
- L2 R2 Relay2 yellow
- L3 VH Watchdog green
- L4 Rø Just LED red
- L5 Gr Just LED green
- L6 S2 Solenoid2 yellow
- L7 S1 Solenoid1 yellow

Binder connector series 719 (female) ElfaDistrelec 144-42-646 Screwed in box

5 PIN1\_GP6\_S  
 6 PIN2\_GP4\_S  
 7 PIN3\_GND\_S

Binder connector series 719 (female) ElfaDistrelec 144-42-646 On cable end

8 PIN1\_SOL  
 9 PIN2\_LED  
 10 PIN3\_GND

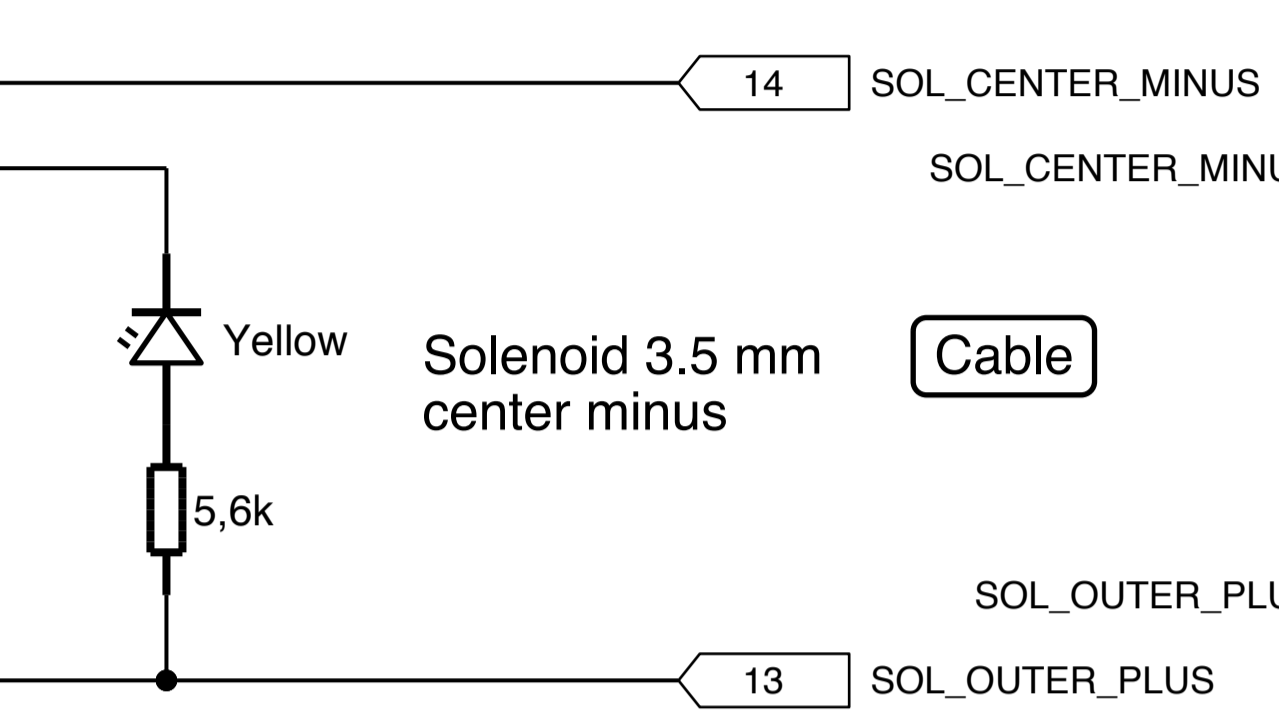
Cable: 12V power in  
 POW\_12V\_CENTER\_MINUS 12  
 POW\_12V\_OUTER\_PLUS 11

12V in 5,5 mm center minus

BUT1: Button press until L4 and L5 change, to modify some state, like disable relays

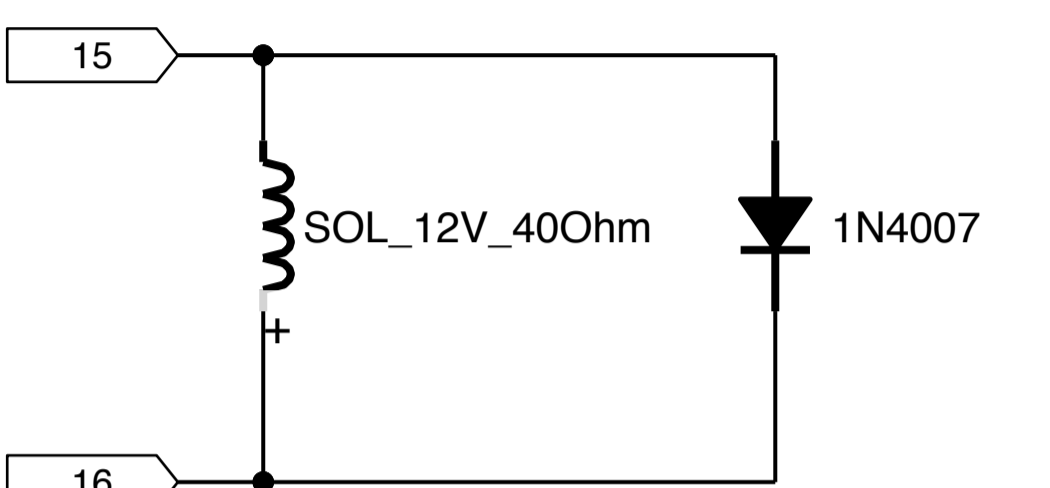
R1-R6

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Solenoid 3.5 mm center minus

14 SOL\_CENTER\_MINUS  
 15 SOL\_CENTER\_MINUS1  
 16 SOL\_OUTER\_PLUS1  
 13 SOL\_OUTER\_PLUS



iCircuit export to PDF with «Crop to elements» if debug of stray elements

22: I2C in-out watchdog simulator with LED for relays and watchdog. Two open drain outputs. PLUS connection box and solenoid feeder unit

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 24Aug2019

Version 2  
 5Sep2019