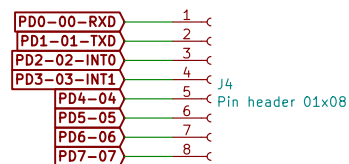
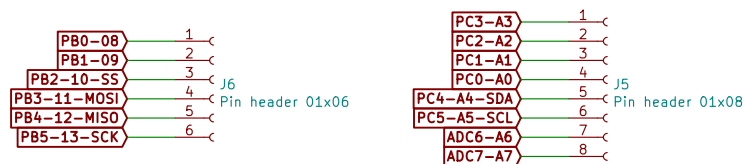
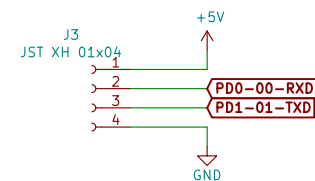
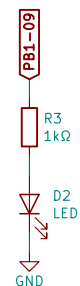
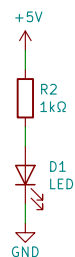
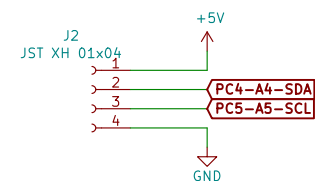
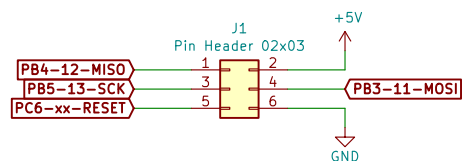
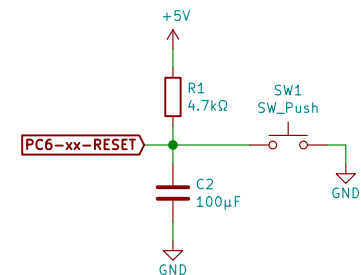
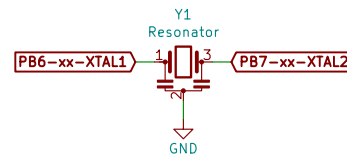
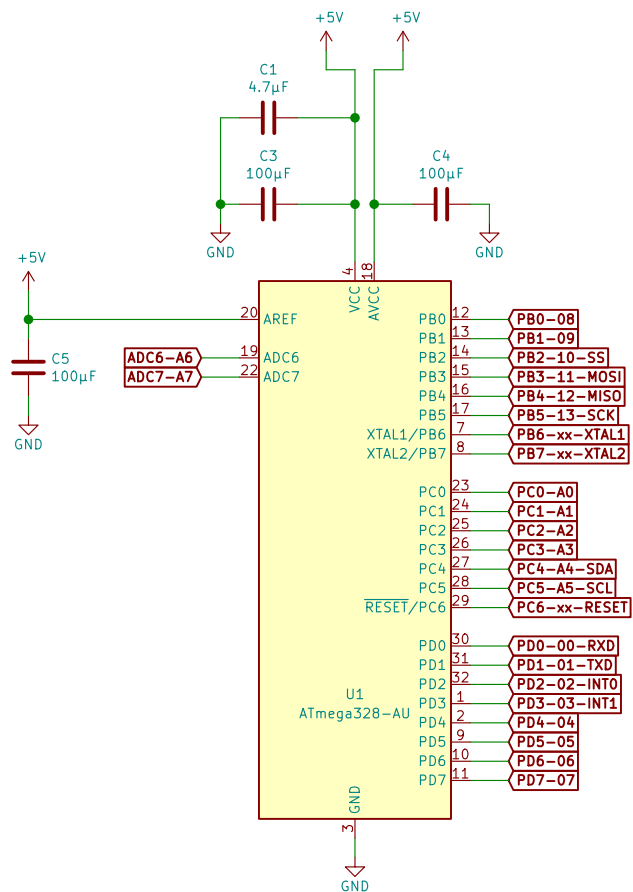
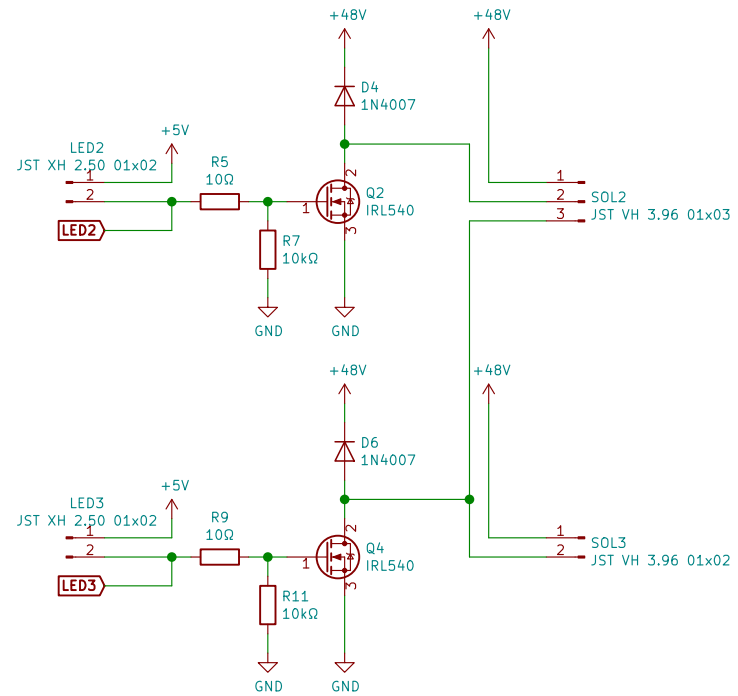
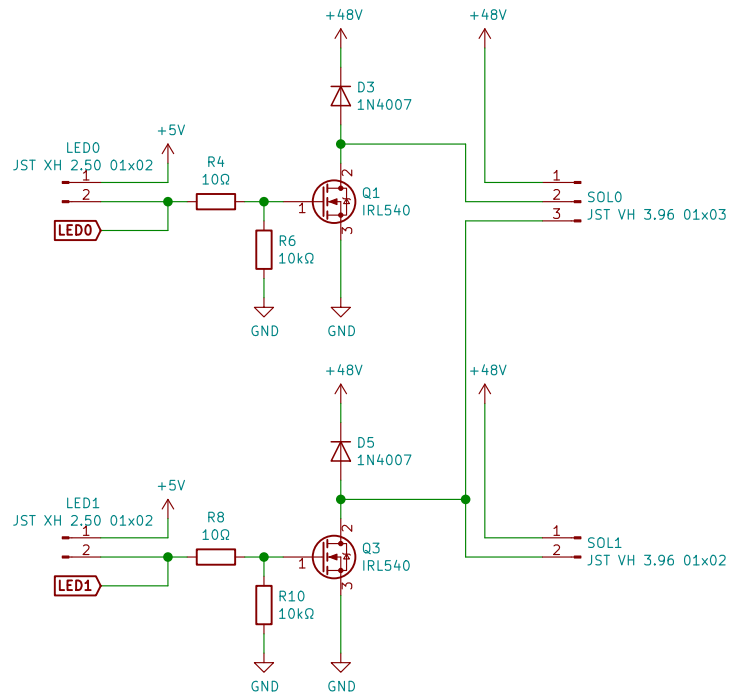


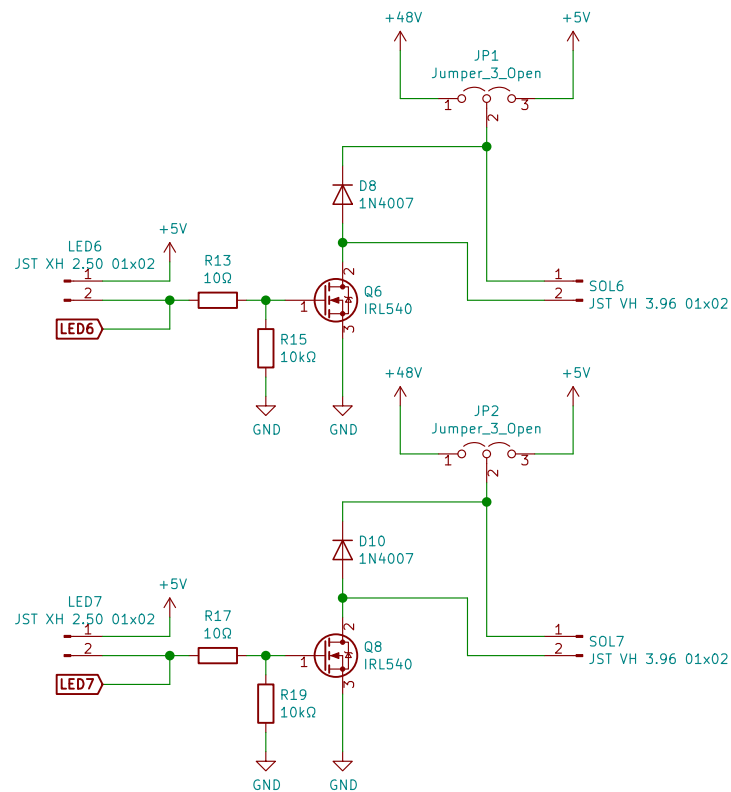
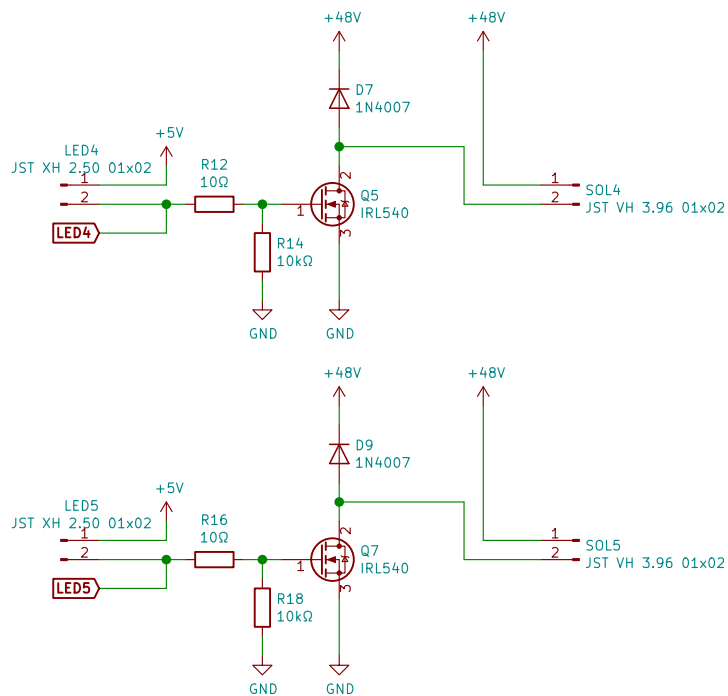
Test-Case Controller		
Design by Thomas Gravekamp		
PinBus		
Sheet: /		
File: test-case-controller.sch		
Title: Mainboard main schematic		
Size: A4	Date: 2021-04-10	Rev: 1.0
KiCad E.D.A. kicad (5.1.0)-1		Id: 1/6



Id: 2/6



Test-Case Controller		
Design by Thomas Gravekamp		
PinBus		
Sheet: /Test-Case Controller - MOSFET 0 thru 3/		
File: test-case-controller_mosfet_0-3.sch		
Title: MOSFET 0 thru 3		
Size: A4	Date: 2021-04-10	Rev: 1.0
KiCad E.D.A. kicad (5.1.0)-1		Id: 3/6



Test-Case Controller

Design by Thomas Gravekamp

PinBus

Sheet: /Test-Case Controller - MOSFET 4 thru 7/

File: test-case-controller_mosfet_4-7.sch

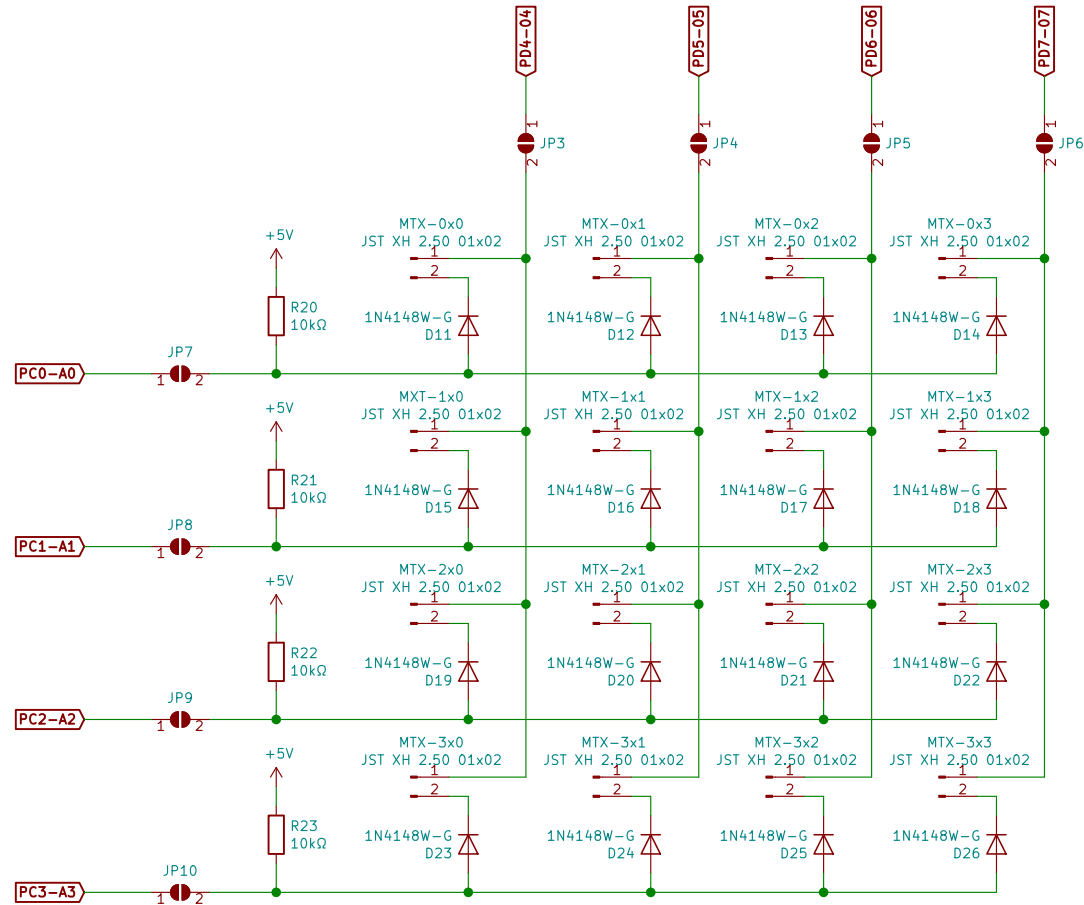
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Rev: 1.0

Id: 4/6



Test-Case Controller

Design by Thomas Gravekamp

PinBus

Sheet: /Test-Case Controller - Input Matrix/

File: test-case-controller_input_matrix.sch

Title: Input Matrix

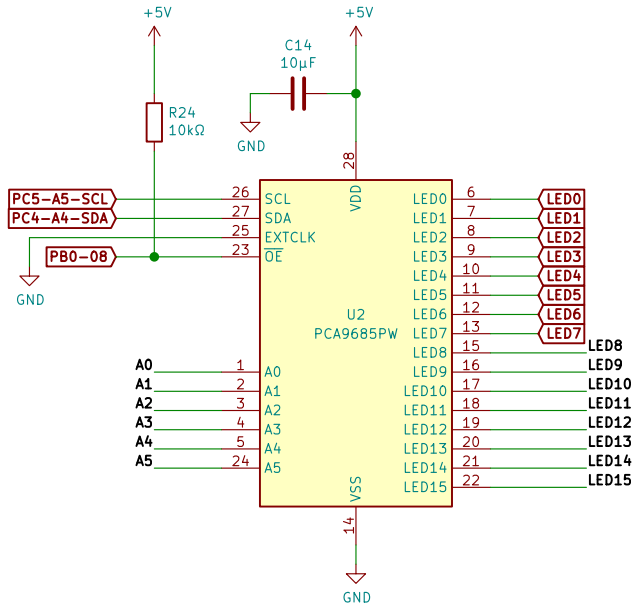
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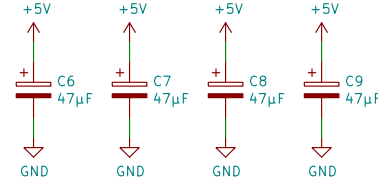
Rev: 1.0

Id: 5/6

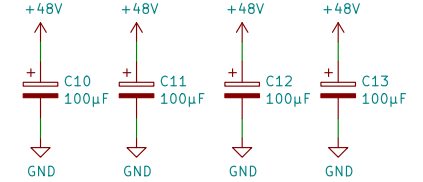
PCA9685



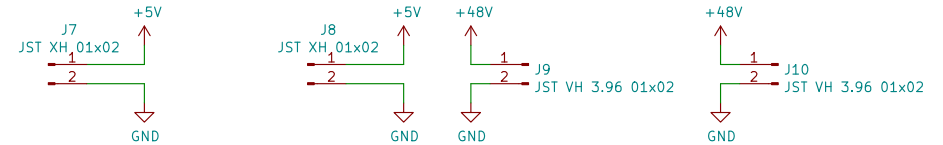
Capacitor for high current +5V switching



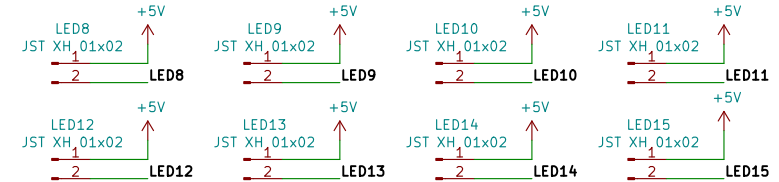
Capacitor for high current +48V switching



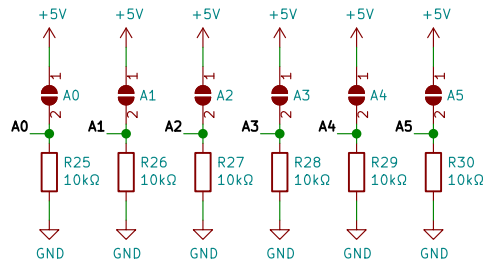
Generic power outputs



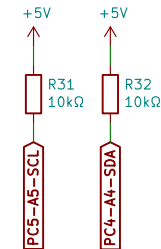
LED outputs



I2C Address



I2C pull-up



Test-Case Controller

Design by Thomas Gravekamp

PinBus

Sheet: /Test-Case Controller - PCA9685/

File: test-case-controller_pca9685.sch

Title: PCA9685 and Power

Size: A4 Date: 2021-04-10

KiCad E.D.A. kicad (5.1.0)-1

Rev: 1.0

Id: 6/6