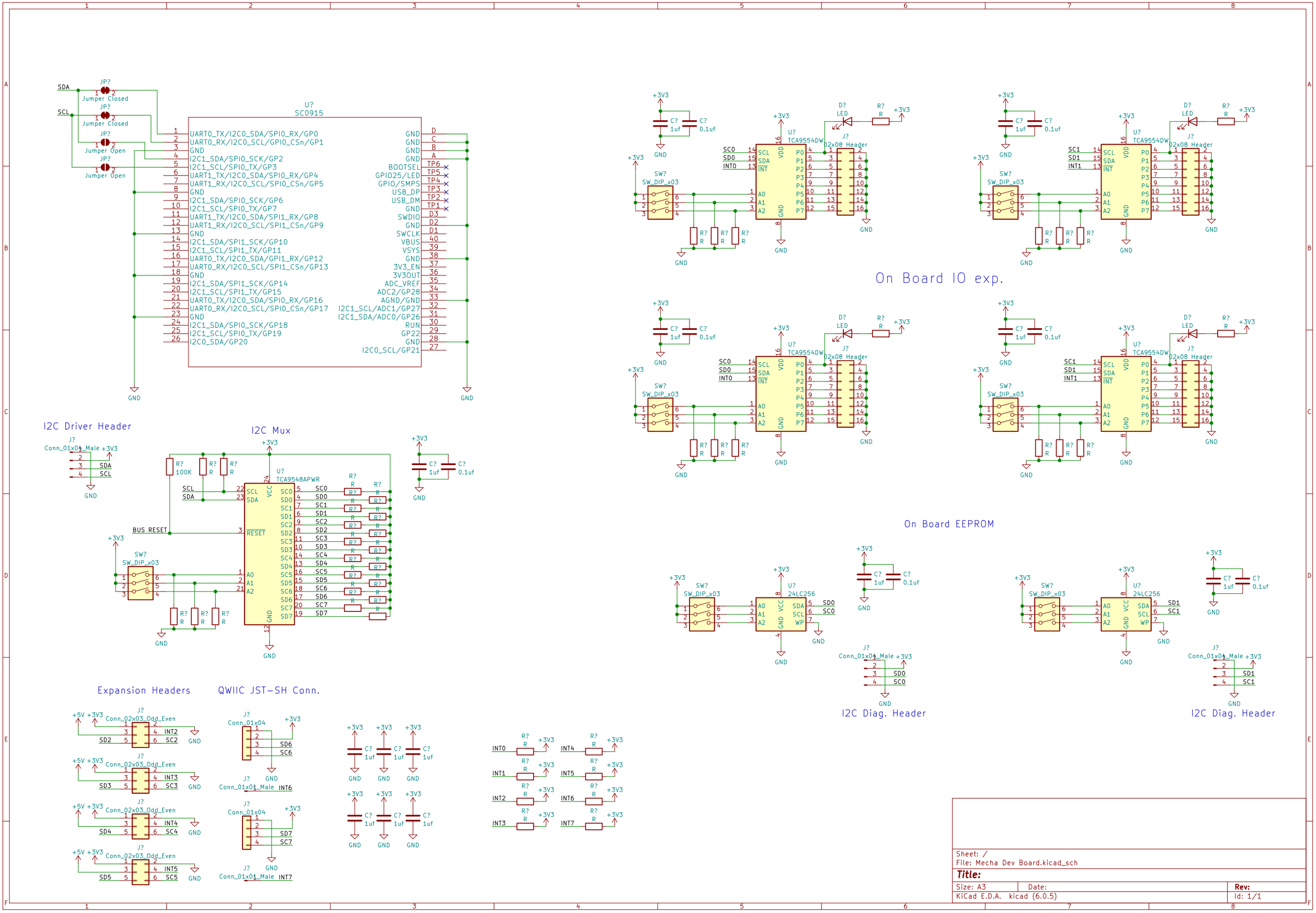
U? SC0915
UART0_TX/I2C0_SDA/SPI0_RX/GP0
UART0_RX/I2C0_SCL/GPI0_CSn/GP1
I2C1_SDA/SPI0_SCK/GP2
I2C1_SCL/SPI0_TX/GP3
UART1_TX/I2C0_SDA/SPI0_RX/GP4
UART1_RX/I2C0_SCL/SPI0_CSn/GP5
I2C1_SDA/SPI0_SCK/GP6
I2C1_SCL/SPI0_TX/GP7
UART1_TX/I2C0_SDA/SPI1_RX/GP8
UART1_RX/I2C0_SCL/SPI1_CSn/GP9
I2C1_SDA/SPI1_SCK/GP10
I2C1_SCL/SPI1_TX/GP11
UART0_TX/I2C0_SDA/GPI1_RX/GP12
UART0_RX/I2C0_SCL/SPI1_CSn/GP13
I2C1_SDA/SPI1_SCK/GP14
I2C1_SCL/SPI1_TX/GP15
UART0_TX/I2C0_SDA/SPI0_RX/GP16
UART0_RX/I2C0_SCL/SPI0_CSn/GP17
I2C1_SDA/SPI0_SCK/GP18
I2C1_SCL/SPI0_TX/GP19
I2C0_SDA/GP20
BOOTSEL
GPIO25/LED
GPIO/SMPS
USB_DP
USB_DM
SWDIO
SWCLK
VBUS
VSYS
3V3_EN
3V3OUT
ADC_VREF
ADC2/GP28
AGND/GND
I2C1_SCL/ADC1/GP27
I2C1_SDA/ADC0/GP26
RUN
GP22
I2C0_SCL/GP21
SDA
SCL
JP?
Jumper Closed
Jumper Open
GND
On Board IO exp.
U? TCA9554DW
SW? SW_DIP_x03
D? LED
J? D2x08 Header
SC0
SD0
INT0
SC1
SD1
INT1
On Board EEPROM
U? 24LC256
SD0
SC0
SD1
SC1
I2C Diag. Header
I2C Driver Header
J? Conn_01x04_Male
I2C Mux
U? TCA9548APWR
BUS RESET
Expansion Headers
Conn_02x03_Odd_Even
INT2
SC2
INT3
SC3
INT4
SC4
INT5
SC5
SD2
SD3
SD4
SD5
QWIIC JST-SH Conn.
Conn_01x04
SD6
SC6
SD7
SC7
INT6
INT7
+3V3
+5V
C? 1uf
C? 0.1uf
R? 100K
R? R
Sheet: /
File: Mecha Dev Board.kicad_sch
Title:
Size: A3
Date:
Rev:
KiCad E.D.A. kicad (6.0.5)
Id: 1/1