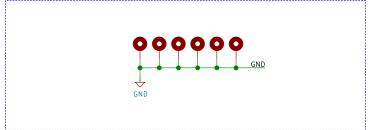
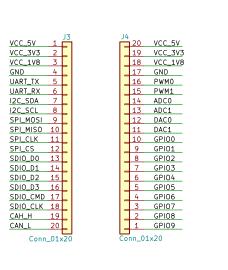
xconch\_pinheader\_2x40 xconch\_pinsocket\_2x40 2 BAT+ 1 BAT+ 3 VCC\_5V 3 VCC\_5V VCC\_5V 4 VCC\_5V VCC\_5V 4 VCC\_5V VCC\_3V3 5 VCC\_3V3 VCC\_3V3 6 VCC\_3V3 5 VCC\_3V3 VCC\_3V3 6 VCC\_3V3 VCC\_3V 7 VCC\_1V8 VCC\_1V8 7 VCC\_1V8 8 VCC\_1V8 VCC\_1V8 8 VCC\_1V8 VCC\_1V VCC\_1V8 9 VCC\_10 VCC\_IO 9 VCC\_10 10 VCC\_IO VCC\_IO \_ 10 VCC\_IO VCC\_IO VCC\_I 11 GND 12 GND 11 GND 12 GND GND UART\_TX 13 UART\_TX UART\_RX 13 UART\_RX UART\_TX 14 UART\_TX 14 UART\_RX UART\_R I2C\_SDA 15 I2C\_SDA I2C\_SCL 15 I2C\_SCL 12C\_SDA\_ 16 12C\_SDA 16 I2C\_SCL 12C\_SC SPI\_MOSI 17 SPI\_MOSI SPI\_MISO 20 SPI\_MISO 18 SPI\_CLK SPI\_CLK 17 SPI\_CLK SPI\_CL SPI\_MISO 19\_SPI\_MISO 19 SPI\_CS 20 SPI\_CS SPI\_CS SPLC 21 SDIO\_D1 SDIO\_DO 21 SDIO\_DO \_\_ 22 SDIO\_D1 SDIO\_D1 SDIO\_DO \_\_ 22 SDIO\_DO SDIO\_D SDIO\_D2 23 SDIO\_D2 SDIO\_D3 23 SDIO\_D3 SDIO\_D2 24 SDIO\_D2 24 SDIO\_D3 SDIO\_D SDIO\_CMD 25 SDIO\_CMD SDIO\_CLK 25 SDIO\_CLK SDIO\_CMD 26 SDIO\_CMD 26 SDIO\_CLK SDIO\_CL 12S\_DI 27 12S\_DI 12S\_D 28 12S\_DI 28 | 12S\_LRCLK 12S\_LRCLK 27 12S\_LRCLK I2S\_LRCL 12S\_D0 30 12S\_D0 29 12S\_DO 30 12S\_CLK 12S\_D0 12S\_CL 31 CAN\_H 32 CAN\_L 32 CAH\_H CAH\_H CAN\_ CAN\_H 33 \_USB\_D+ 34 USB\_D-USB\_D+ 34 USB\_D+ USB\_D USB\_D+ 35 PWM1 PWM0 36 PWM0 35 PWM0 PWM0 36 PWM1 PWM1 PWM 37 ADC1 ADCO 38 ADCO 37 ADC0 38 ADC1 ADC 39 DAC1 DAC0 39 DAC0 40 DAC1 DAC1 40 DACO DAC DACO GPI00 42 GPI00 41 GPI00 41 GPI01 GPI00 42 GPI01 GPI01 **GPIO** 43 GPI02 43 GPI03 GPI02 44 GPI03 GPI03 44 GPI02 **GPIO** GPI02 45 GPI04 45 GPI05 GPI04 46 GPI05 GPI05 46 GPI04 GPI04 **GPIO** 47 GPI06 47 GPI07 48 GPI07 48 GPI06 GPI06 GPI07 **GPIO** GPI06 49 GPI08 49 GPI09 GPI08 50 GPI09 GPI09 50 GPI08 **GPIO** GPI08 51 NC0 51 NC1 NC0 52 NC0 52 NC1 NC1 NC0 NC 53 NC2 53 NC3 NC2 54 NC2 NC2 54 NC3 NC3 NC 55 NC5 56 NC4 56 NC5 NC4 NC5 NC4 NC6 58 NC6 NC6 58 NC7 NC7 57 NC7 NC6 NC NC8 60 NC8 NC8 59 NC8 60 NC9 NC9 59 NC9 NC NC10 62 NC10 NC10 61 NC10 62 NC11 NC11 61 NC11 NC1 NC12 64 NC12 63 NC12 63 NC13 NC12 64 NC13 NC13 NC1 65 NC15 NC14 66 NC15 NC15 66 NC14 NC1 NC14 67 NC16 67 NC17 NC16 68 NC16 NC16 68 NC17 NC17 NC1 69 NC18 69 NC19 70 NC19 70 NC18 NC19 NC1 NC1 71 NC20 71 NC21 72 NC21 72 NC20 NC20 NC21 NC2 NC2 73 NC23 NC22 74 NC23 NC23 74 NC22 NC22 NC2 NC2 75 NC24 75 NC25 NC24 76 NC25 NC25 76 NC24 NC2 NC24 77 NC27 78 NC27 78 NC26 NC26 NC27 NC26 NC2 NC26 79 NC29 NC28 80 NC28 NC28 80 NC29 NC29 **−**NC28





## BASIC EXTENDED BOX

Sheet: /

File: ebox-basic.sch

Title:

Size: A4 Date: Rev: KiCad E.D.A. kicad (5.0.0-rc2-dev-107-g49486b83b) ld: 1/1