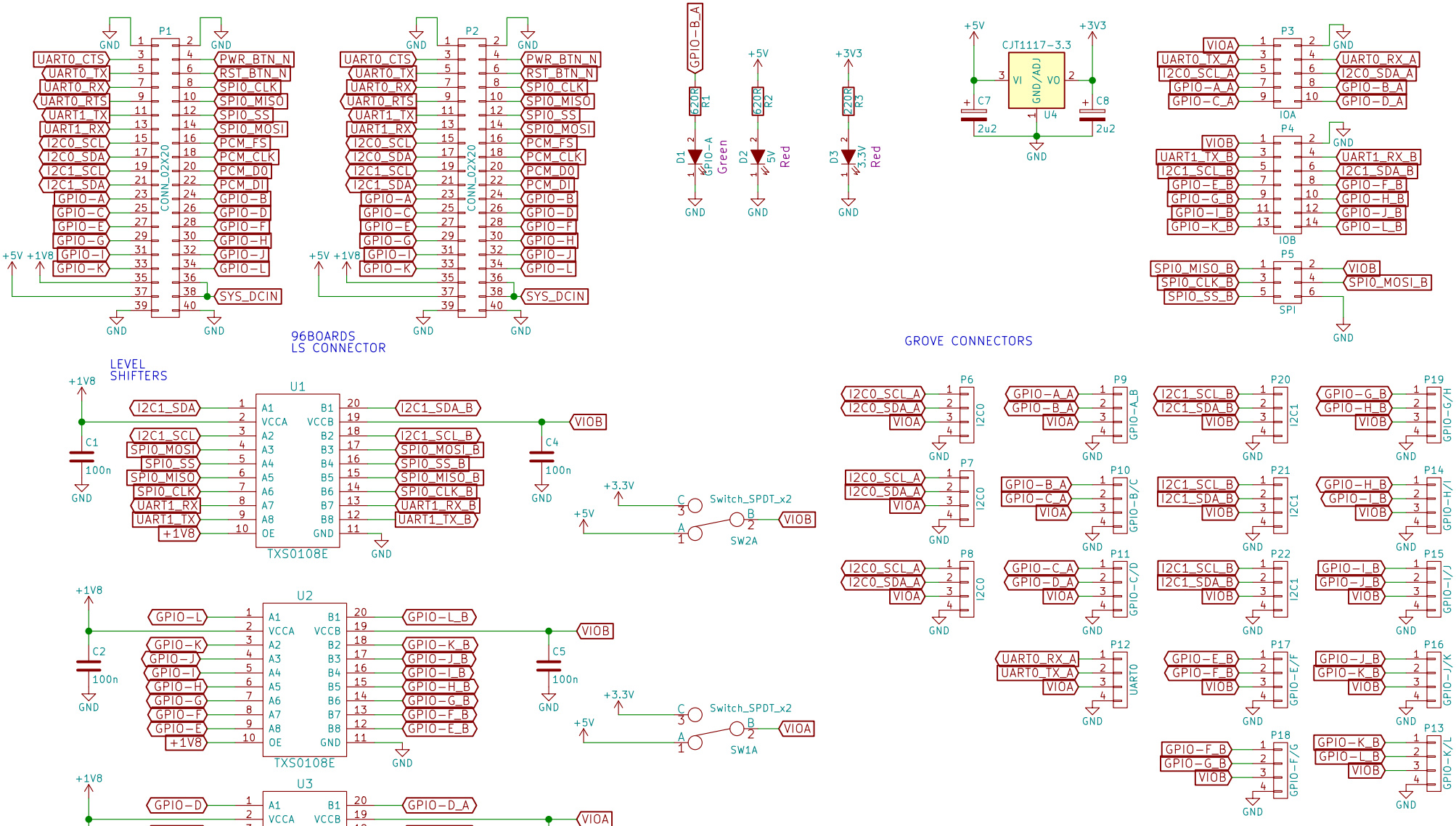
P1
P2
CONN_02X20
UART0_CTS
UART0_TX
UART0_RX
UART0_RTS
UART1_TX
UART1_RX
I2C0_SCL
I2C0_SDA
I2C1_SCL
I2C1_SDA
GPIO-A
GPIO-C
GPIO-E
GPIO-G
GPIO-I
GPIO-K
PWR_BTN_N
RST_BTN_N
SPI0_CLK
SPI0_MISO
SPI0_SS
SPI0_MOSI
PCM_FS
PCM_CLK
PCM_DO
PCM_DI
GPIO-B
GPIO-D
GPIO-F
GPIO-H
GPIO-J
GPIO-L
SYS_DCIN
+5V
+1V8
GND
96BOARDS
LS CONNECTOR
LEVEL
SHIFTERS
U1
U2
U3
TXS0108E
I2C1_SDA
I2C1_SCL
SPI0_MOSI
SPI0_SS
SPI0_MISO
SPI0_CLK
UART1_RX
UART1_TX
I2C1_SDA_B
I2C1_SCL_B
SPI0_MOSI_B
SPI0_SS_B
SPI0_MISO_B
SPI0_CLK_B
UART1_RX_B
UART1_TX_B
VIOB
VIOA
C1
C2
C3
C4
C5
C6
100n
Switch_SPDT_x2
SW2A
SW1A
GPIO-B_A
620R
R1
R2
220R
R3
D1
D2
D3
GPIO-A
Green
5V
Red
3.3V
+3V3
CJT1117-3.3
GND/ADJ
VI
VO
U4
C7
C8
2u2
P3
P4
P5
IOA
IOB
SPI
VIOA
UART0_TX_A
I2C0_SCL_A
GPIO-A_A
GPIO-C_A
UART0_RX_A
I2C0_SDA_A
GPIO-B_A
GPIO-D_A
VIOB
UART1_TX_B
I2C1_SCL_B
GPIO-E_B
GPIO-G_B
GPIO-I_B
GPIO-K_B
UART1_RX_B
I2C1_SDA_B
GPIO-F_B
GPIO-H_B
GPIO-J_B
GPIO-L_B
SPI0_MISO_B
SPI0_CLK_B
SPI0_SS_B
SPI0_MOSI_B
GROVE CONNECTORS
P6
P7
P8
P9
P10
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20
P21
P22
I2C0
I2C1
GPIO-A_B
GPIO-B/C
GPIO-C/D
UART0
GPIO-G/H
GPIO-H/I
GPIO-I/J
GPIO-J/K
GPIO-E/F
GPIO-F/G
GPIO-K/L
Sheet: /
File: 96boards-grove.sch
Title: 96Boards Sensors
Size: A4
Date: 14 Aug 2015
Rev: A
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