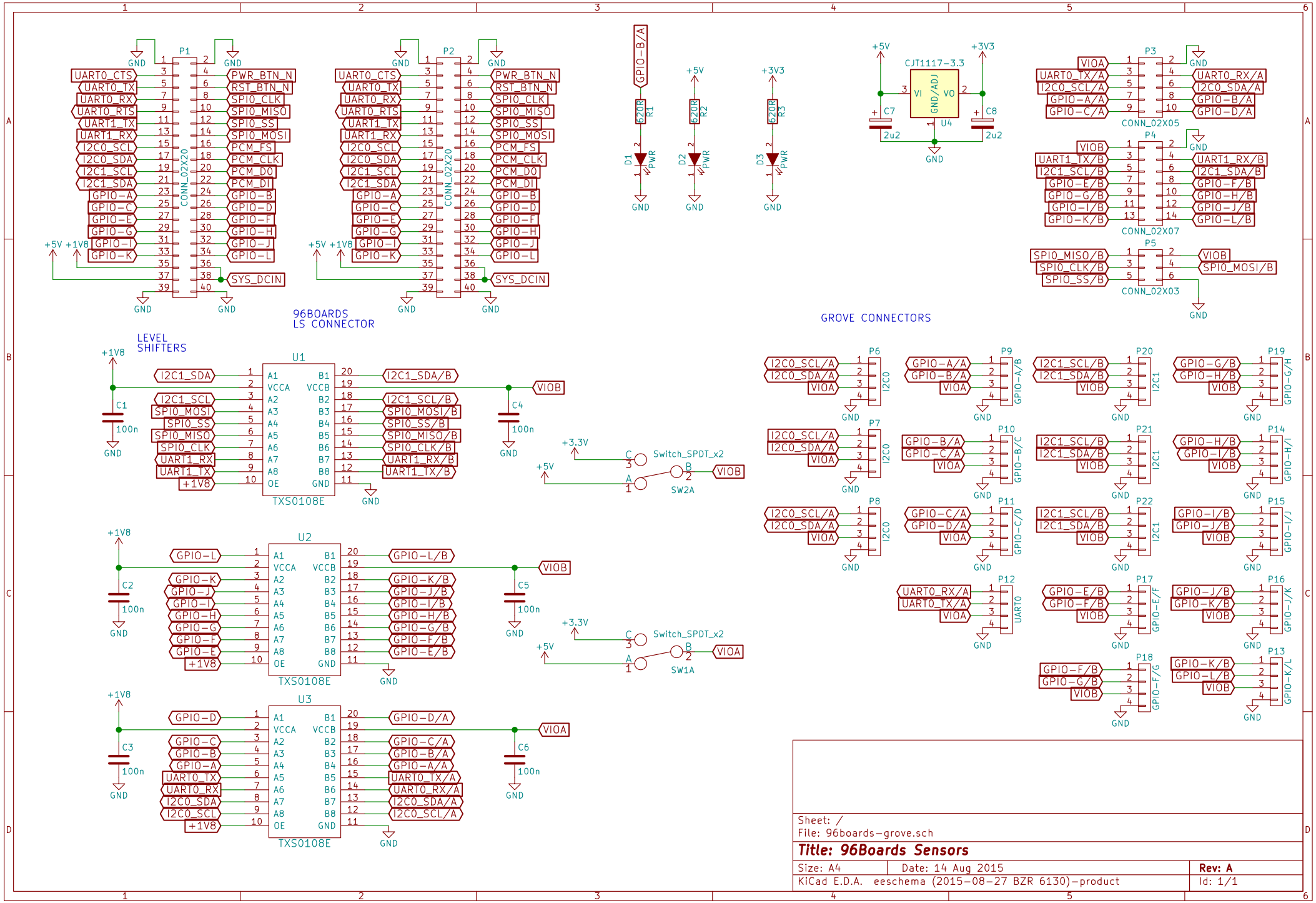
96BOARDS
LS CONNECTOR
P1
P2
CONN_02X20
UART0_CTS
UART0_TX
UART0_RX
UART0_RTS
UART1_TX
UART1_RX
I2C0_SCL
I2C0_SDA
I2C1_SCL
I2C1_SDA
GPIO-A
GPIO-C
GPIO-E
GPIO-G
GPIO-I
GPIO-K
PWR_BTN_N
RST_BTN_N
SPI0_CLK
SPI0_MISO
SPI0_SS
SPI0_MOSI
PCM_FS
PCM_CLK
PCM_D0
PCM_DI
GPIO-B
GPIO-D
GPIO-F
GPIO-H
GPIO-J
GPIO-L
SYS_DCIN
+5V
+1V8
GND
GPIO-B/A
620R
R1
R2
R3
D1
D2
D3
PWR
CJT1117-3.3
VI
VO
GND/ADJ
U4
C7
C8
2u2
+3V3
P3
P4
P5
CONN_02X05
CONN_02X07
CONN_02X03
VIOA
VIOB
UART0_TX/A
UART0_RX/A
I2C0_SCL/A
I2C0_SDA/A
GPIO-A/A
GPIO-B/A
GPIO-C/A
GPIO-D/A
UART1_TX/B
UART1_RX/B
I2C1_SCL/B
I2C1_SDA/B
GPIO-E/B
GPIO-F/B
GPIO-G/B
GPIO-H/B
GPIO-I/B
GPIO-J/B
GPIO-K/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-H/I
GPIO-I/J
GPIO-J/K
GPIO-E/F
GPIO-F/G
GPIO-G/H
GPIO-K/L
LEVEL
SHIFTERS
U1
U2
U3
TXS0108E
A1
VCCA
A2
A3
A4
A5
A6
A7
A8
OE
B1
VCCB
B2
B3
B4
B5
B6
B7
B8
GND
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
GPIO-L
GPIO-K
GPIO-J
GPIO-I
GPIO-H
GPIO-G
GPIO-F
GPIO-E
GPIO-L/B
GPIO-K/B
GPIO-J/B
GPIO-I/B
GPIO-H/B
GPIO-G/B
GPIO-F/B
GPIO-E/B
GPIO-D
GPIO-C
GPIO-B
GPIO-A
UART0_TX
UART0_RX
I2C0_SDA
I2C0_SCL
GPIO-D/A
GPIO-C/A
GPIO-B/A
GPIO-A/A
UART0_TX/A
UART0_RX/A
I2C0_SDA/A
I2C0_SCL/A
C1
C2
C3
C4
C5
C6
100n
Switch_SPDT_x2
SW2A
SW1A
Sheet: /
File: 96boards-grove.sch
Title: 96Boards Sensors
Size: A4
Date: 14 Aug 2015
Rev: A
KiCad E.D.A. eeschema (2015-08-27 BZR 6130)-product
Id: 1/1