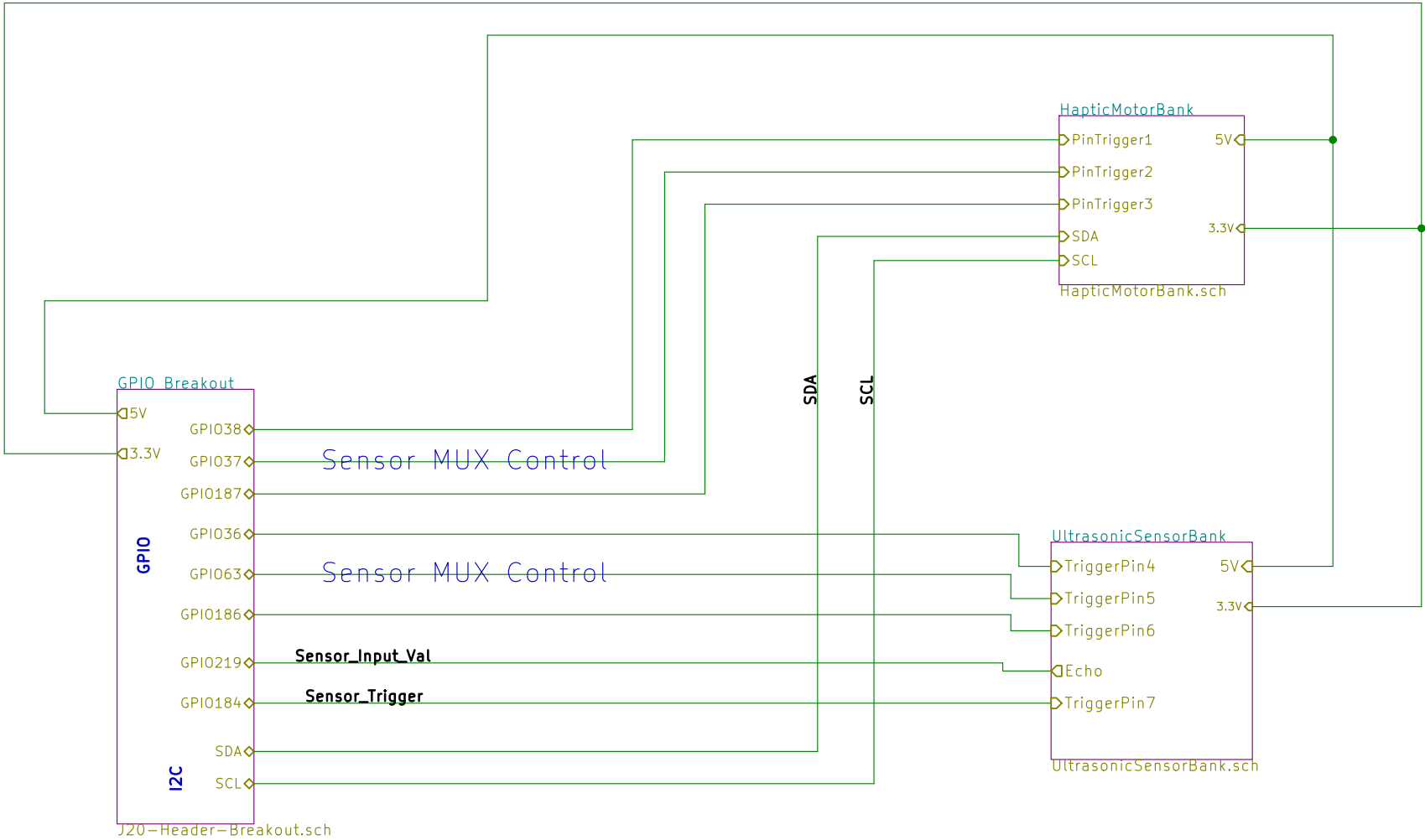


Top Level Design



Designer: Christian Aguilar		
Advanced Visual Electronics		
Sheet: /		
File: AVE-NvidiaTX1-ISight360.sch		
Title: iSight360		
Size: A	Date: 2017-03-17	Rev: A
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**GPIO PINOUT**

**Jetson Dev Carrier J20 Header**

Pin	Signal
1	3.3V
2	5V
3	SDA
4	5V
5	SCL
6	GND
7	GPIO41_Audio-MCLK
8	GPIO#_UART-TX
9	GND
10	GPIO#_UART-RX
11	GPIO33_UART1-RST
12	GPIO#_I2S0-SCLK
13	GPIO38_Audio-IRQ
14	GND
15	GPIO-EXP-P17
16	GPIO37_DMIC-IN-DAT
17	3.3V
18	GPIO184_MDM-WAKEUP
19	GPIO#_SPI1-MOSI
20	GND
21	GPIO#_SPI1-MISO
22	GPIO-EXP-P16
23	GPIO#_SPI1-CLK
24	GPIO#_SPI1-CS0
25	GND
26	GPIO#_SPI1-CS1
27	GPIO#_I2C1-GP1-DAT
28	GPIO#_SPI1-GP1-CLK
29	GPIO219_AUD-RST
30	GND
31	GPIO186_MOTION-INT
32	GPIO36_DMIC-IN-CLK
33	GPIO63_AP-WAKE-BIT
34	GND
35	GPIO#_I2S0-LRCLK
36	GPIO#_UART0-CTS
37	GPIO187_APROX-INT
38	GPIO#_I2S0-SDIN
39	GND
40	GPIO#_I2S0-SDOUT

**Connections:**

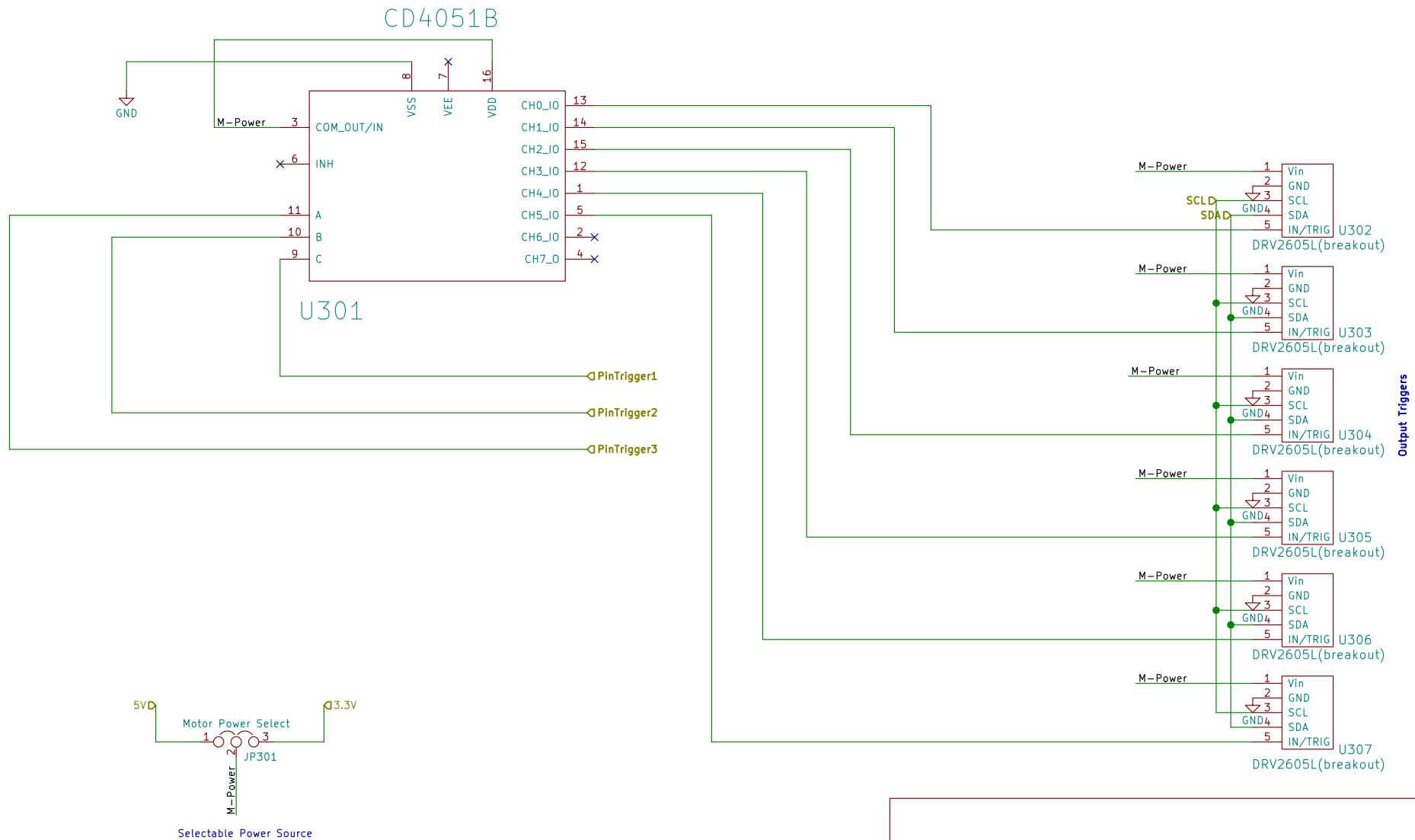
- 3.3V
- 5V
- SCL
- SDA
- GPIO38
- GPIO37
- GPIO184
- GPIO36
- GPIO187
- GPIO63
- GPIO186
- GPIO219
- GND

**Metadata:**

Designer: Christian Aguilar		
Advanced Visual Electronics		
Sheet: /GPIO Breakout/		
File: J20-Header-Breakout.sch		
Title: GPIO Breakout		
Size: A4	Date: 2017-03-17	Rev: A
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Id: 2/4

# Haptic Motor Bank



Designer: Christian Aguilar  
**Advanced Visual Electronics**

Sheet: /HapticMotorBank/  
 File: HapticMotorBank.sch

**Title: Haptic Motor Bank**

Size: A4 Date: 2017-03-17  
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**Rev: A**  
 Id: 3/4

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Id: 4/4