

CHANGE HISTORY			
REV	PAGE/ZONE	DESCRIPTION OF CHANGE	DATE
R01	Alpha Release		8/10/2016

U\_RevisionLog  
RevisionLog.SchDoc

REPEAT(U\_SensorConn1,1,8)  
SensorConn.SchDoc



SENSOR\_B      SENSOR\_B[1..8]  
SENSOR\_A      SENSOR\_A[1..8]  
SENSOR\_VCC1

SENSOR\_VCC1[1..4]

REPEAT(U\_SensorConn2,9,16)  
SensorConn.SchDoc



SENSOR\_B      SENSOR\_B[9..16]  
SENSOR\_A      SENSOR\_A[9..16]  
SENSOR\_VCC2

REPEAT(U\_SensorConn3,17,24)  
SensorConn.SchDoc



SENSOR\_B      SENSOR\_B[17..24]  
SENSOR\_A      SENSOR\_A[17..24]  
SENSOR\_VCC3

REPEAT(U\_SensorConn4,25,32)  
SensorConn.SchDoc



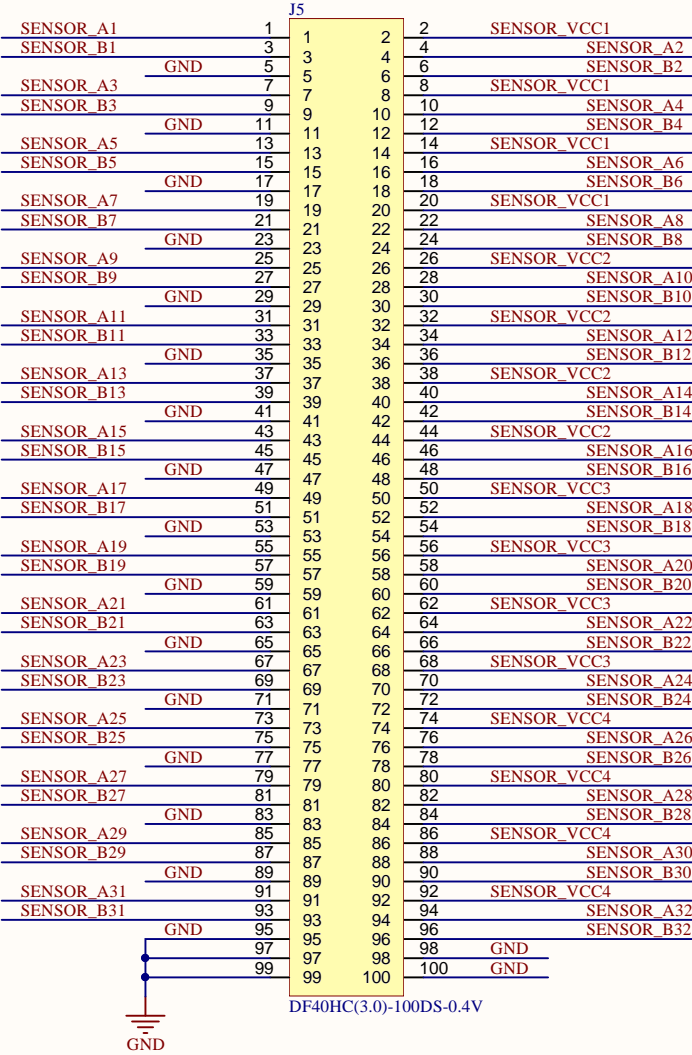
SENSOR\_B      SENSOR\_B[25..32]  
SENSOR\_A      SENSOR\_A[25..32]  
SENSOR\_VCC4



MTGC425H215P



MTGC425H215P



DF40HC(3.0)-100DS-0.4V

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Project: Ventriloquist

PCBA: Sensor Breakout A

Sheet Title: Core Module

Drawn by: D. Bruey, M.Ciuffo

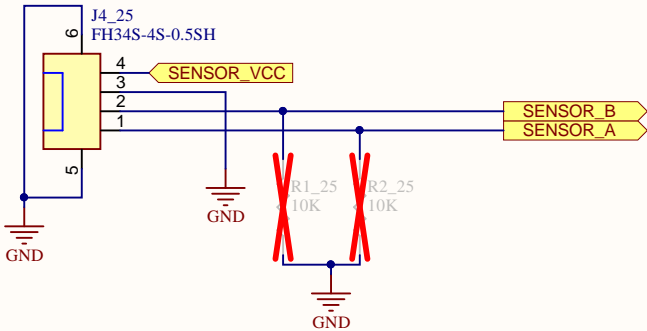
Schematic Part Number: 602-100861

Schematic Revision: 01

Date: 9/14/2016

Sheet: 1 / 3

The Sensor Port Number is the J4 instance number minus 1.  
For example J4\_1 is Port #0 and J4\_32 is Port #31



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Project: Ventriloquist

PCBA: Sensor Breakout A

Sheet Title: Sensor Connectors

Drawn by: D. Bruey, M. Ciuffo

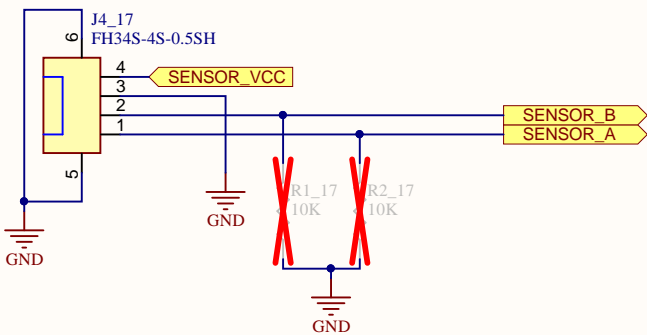
Schematic Part Number: 602-100861

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Sheet: 2 / 3

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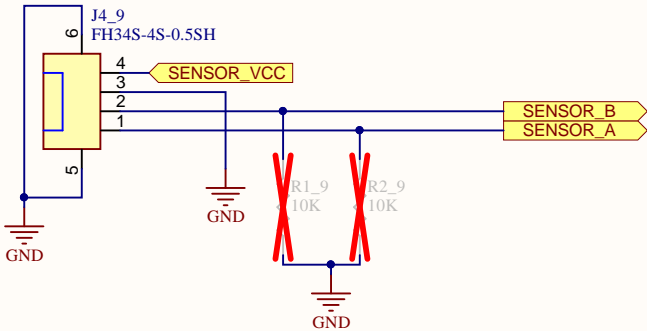
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<b>Project:</b> Ventriloquist	<b>PCBA:</b> Sensor Breakout A
<b>Sheet Title:</b> Sensor Connectors	
<b>Drawn by:</b> D. Bruey, M. Ciuffo	
<b>Schematic Part Number:</b> 602-100861	<b>Schematic Revision:</b> 01
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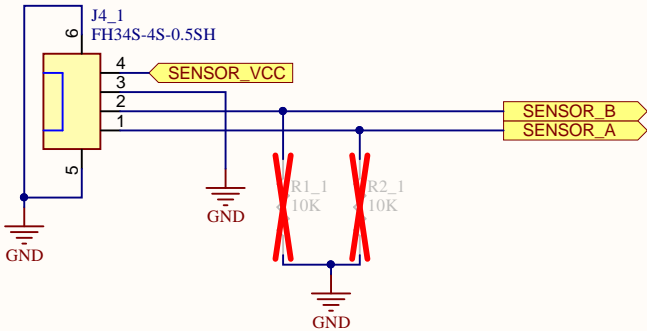
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PCBA: Sensor Breakout A

Sheet Title: Sensor Connectors

Drawn by: D. Bruey, M. Ciuffo

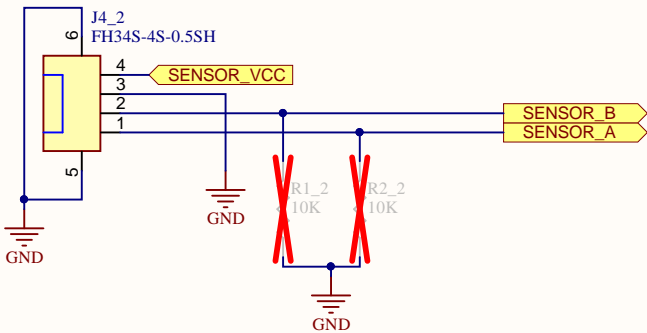
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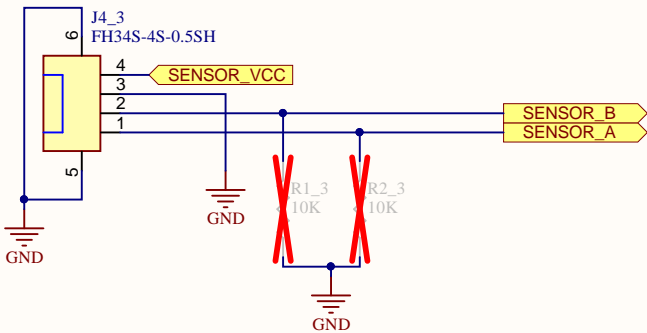
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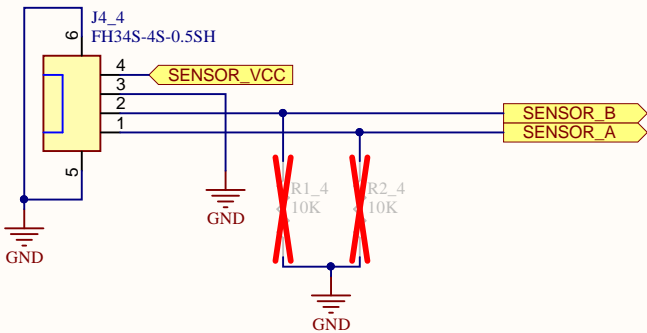
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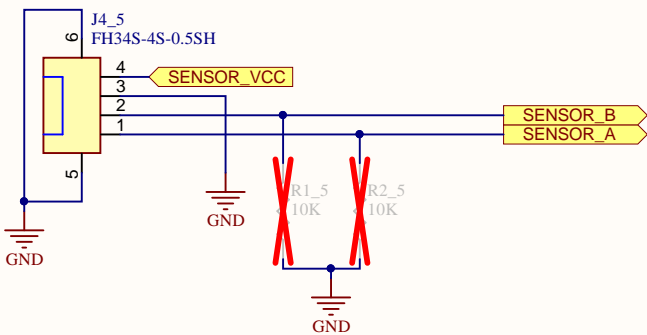
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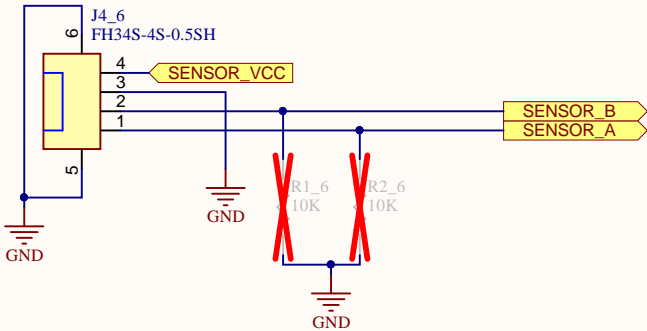
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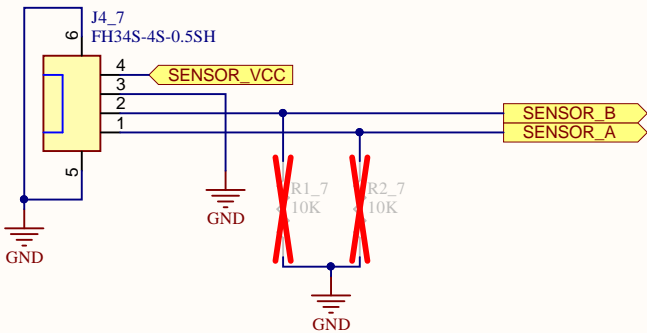
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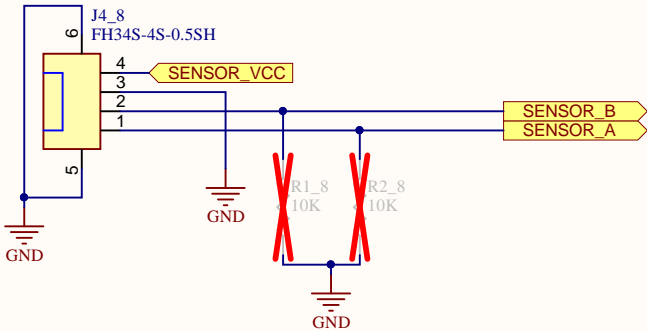
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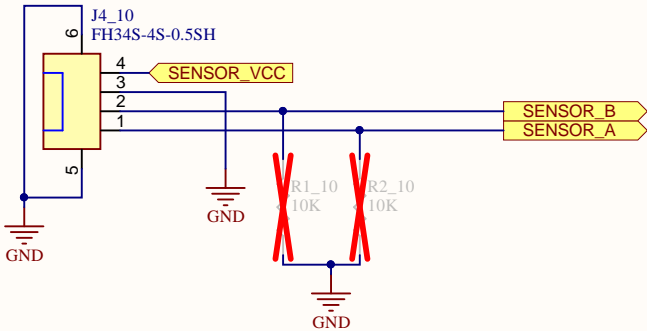


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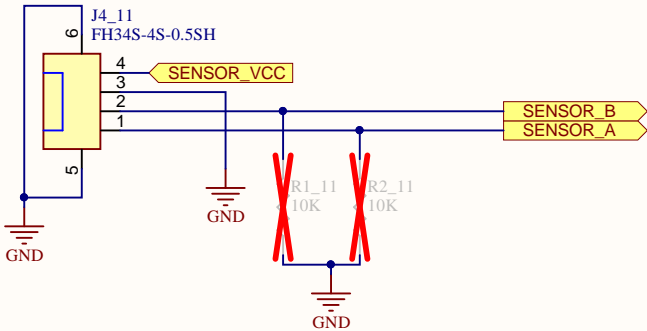


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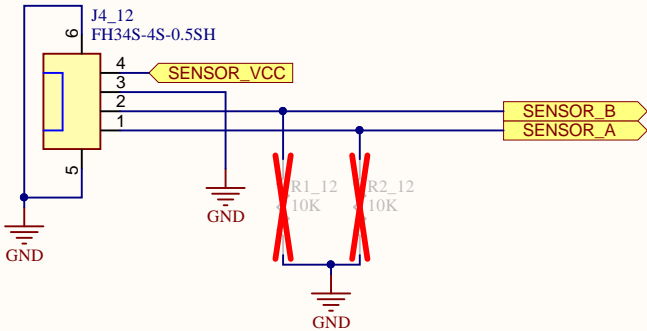


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PCBA: Sensor Breakout A

Sheet Title: Sensor Connectors

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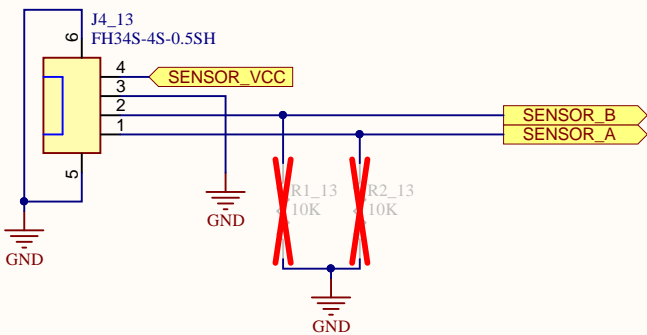
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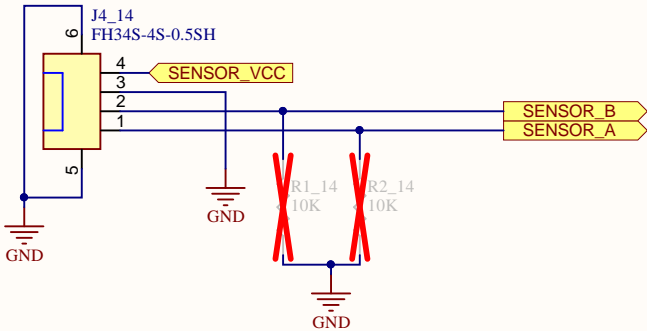
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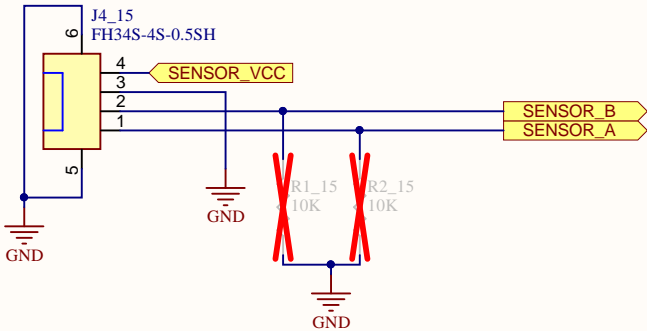
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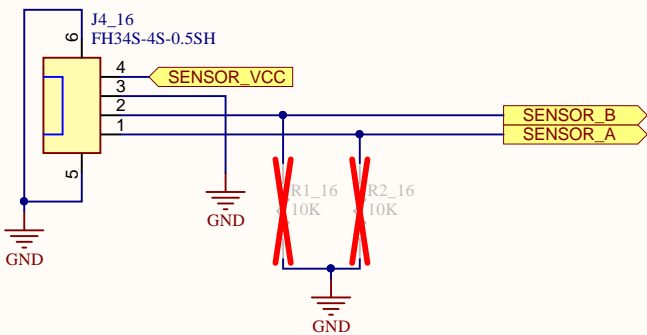
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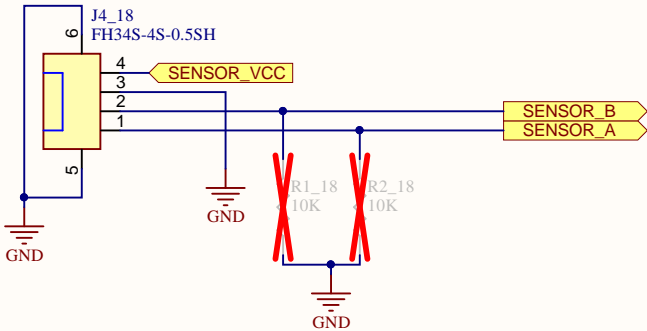
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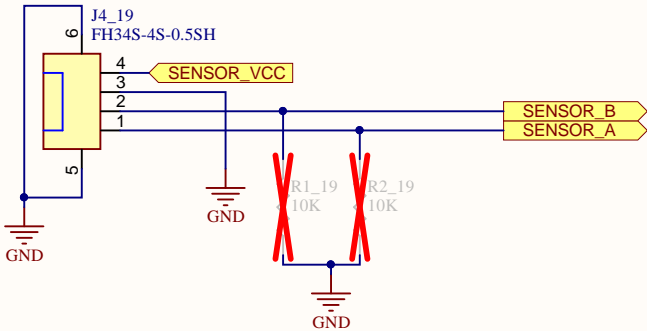
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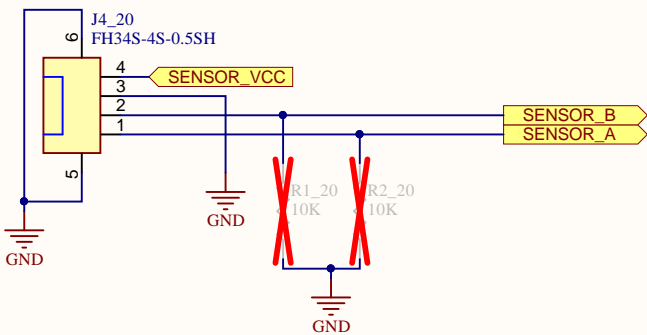
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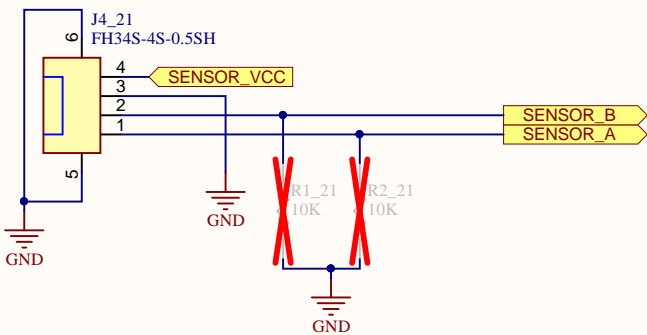
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For example J4\_1 is Port #0 and J4\_32 is Port #31



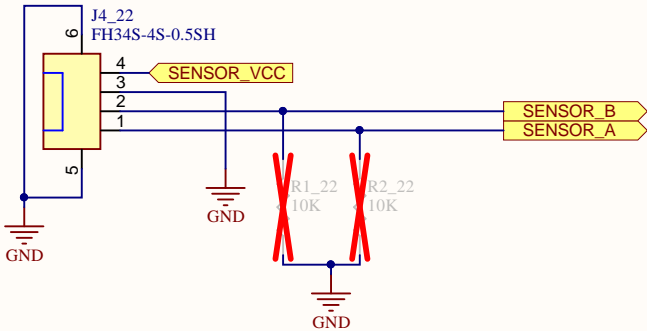
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<b>Project:</b> Ventriloquist	<b>PCBA:</b> Sensor Breakout A
<b>Sheet Title:</b> Sensor Connectors	
<b>Drawn by:</b> D. Bruey, M. Ciuffo	
<b>Schematic Part Number:</b> 602-100861	<b>Schematic Revision:</b> 01
<b>Date:</b> 9/14/2016	<b>Sheet:</b> 2 / 3

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Project: Ventriloquist

PCBA: Sensor Breakout A

Sheet Title: Sensor Connectors

Drawn by: D. Bruey, M. Ciuffo

Schematic Part Number: 602-100861

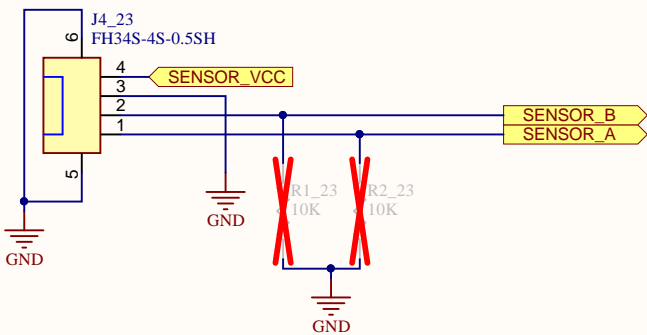
Schematic Revision: 01

Date: 9/14/2016

Sheet: 2 / 3



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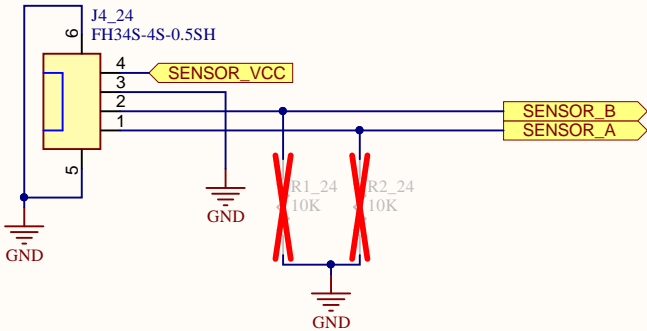
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PCBA: Sensor Breakout A

Sheet Title: Sensor Connectors

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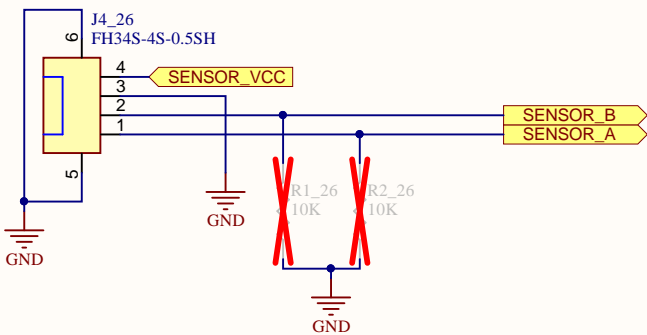
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Date: 9/14/2016

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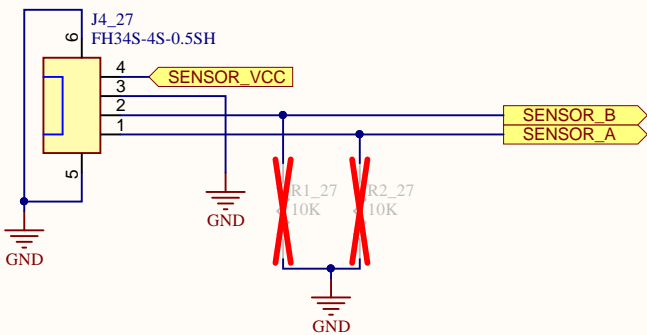
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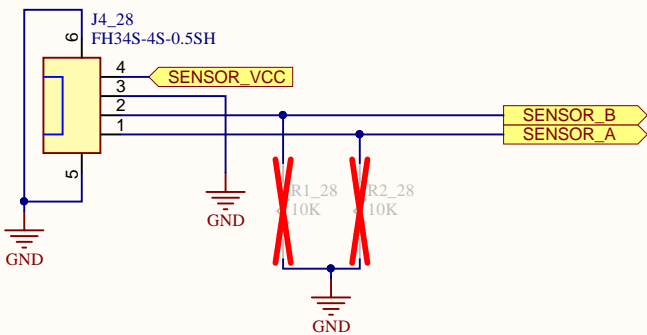
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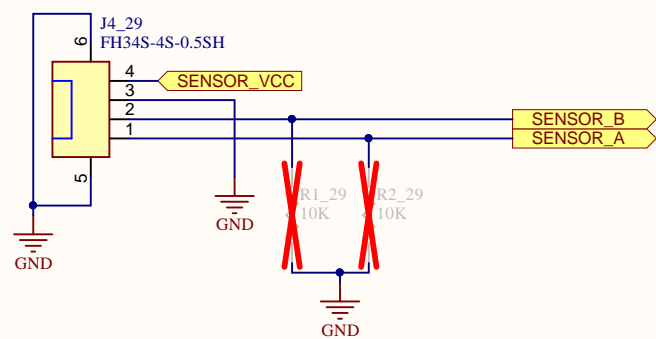


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<div>Schematic Part Number: 602-100861</div>		<div>Schematic Revision: 01</div>	
<div>Date: 9/14/2016</div>		<div>Sheet: 2 / 3</div>	

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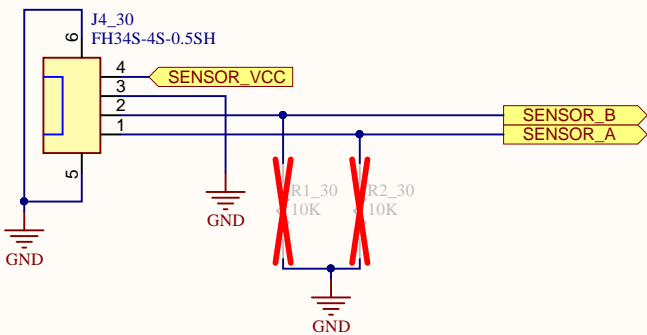


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Project: Ventriloquist

PCBA: Sensor Breakout A

Sheet Title: Sensor Connectors

Drawn by: D. Bruey, M. Ciuffo

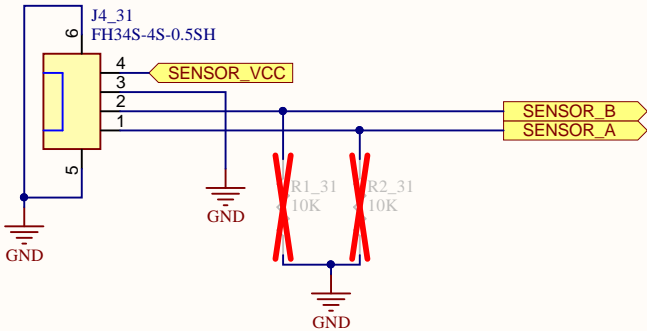
Schematic Part Number: 602-100861

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Sheet: 2 / 3

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PCBA: Sensor Breakout A

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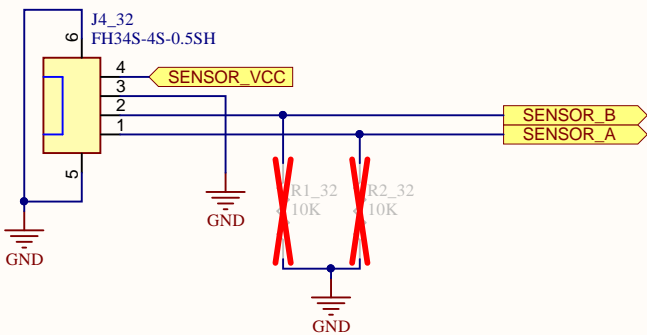
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<b>Date:</b> 9/14/2016	<b>Sheet:</b> 2 / 3

CHANGE HISTORY		
REV	DESCRIPTION OF CHANGE	DATE
R01	Alpha Release Remove TPs from sensor signals	8/10/2016

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Project: Ventriloquist

PCBA: Sensor Breakout A

Sheet Title: Revision Log

Drawn by: D. Bruey, M.Ciuffo

Schematic Part Number: 602-100861

Schematic Revision: 01

Date: 9/14/2016

Sheet: 3 / 3