

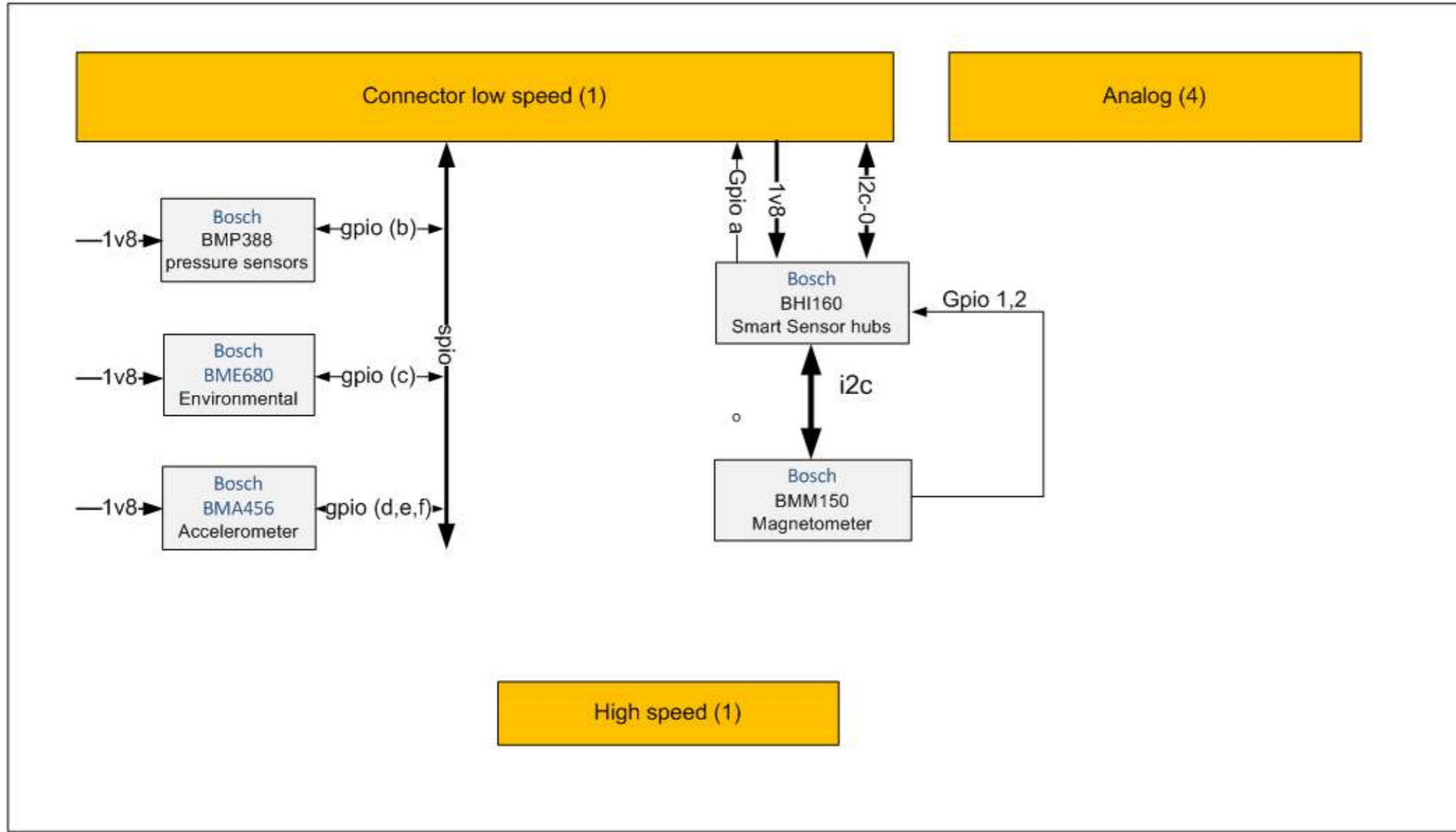
Schematics	Revision	Date	Release Information
SRT-96B-MEZ-Bosch	A	mar 12 2018	first version release

01

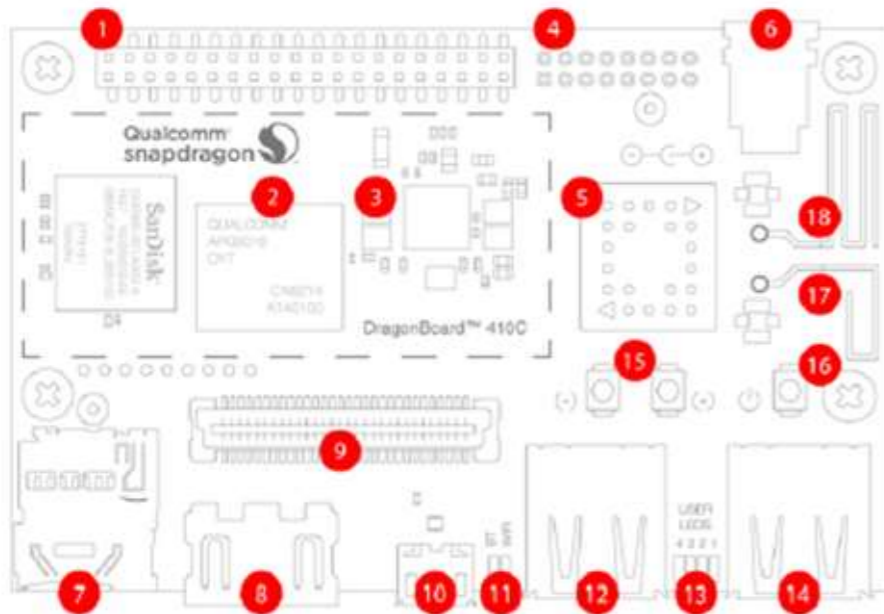
- 01** Revision History
- 02** Block Diagram
- 03** DXF
- 04** Stack Up
- 05** Interface_in_out
- 06** Sensors - 1
- 07** Sensors - 2
- 08** MISC

Shiratech Solutions	Revision History			
	SRT-96B-MEZ-Bosch			
Drawn By Ishay Kokavka	Size A3	CAGE Code <Cage Code>	DWG NO A	Rev A
Saturday, September 29, 2018	Scale		Sheet	1 of 8

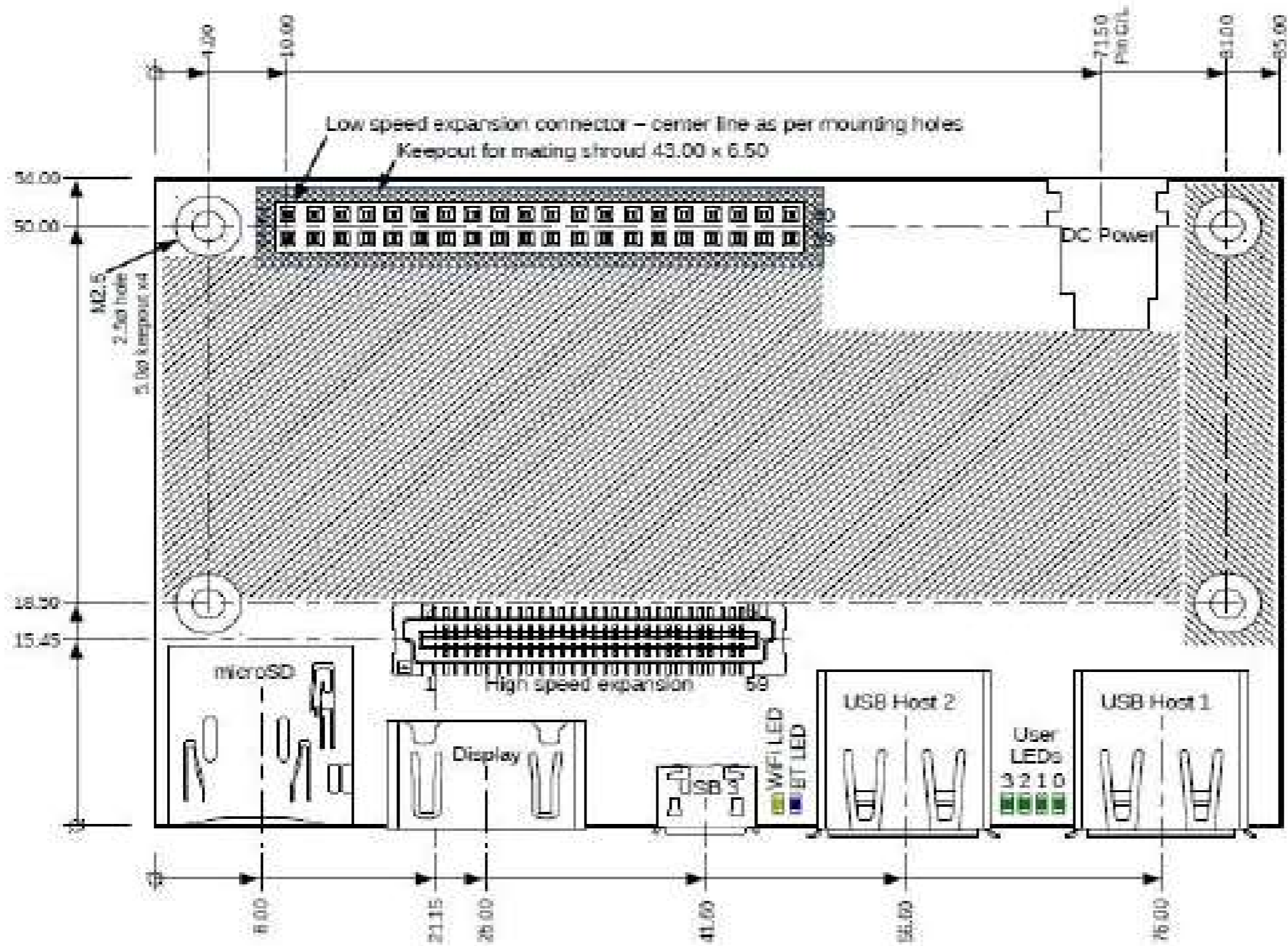
New bosch sensor balcony



Dragon board



Shiratech Solutions	Block Diagram			
	SRT-96B-MEZ-Bosch			
Drawn By Ishay Kokavka	Size A3	CAGE Code <Cage Code>	DWG NO A	Rev A
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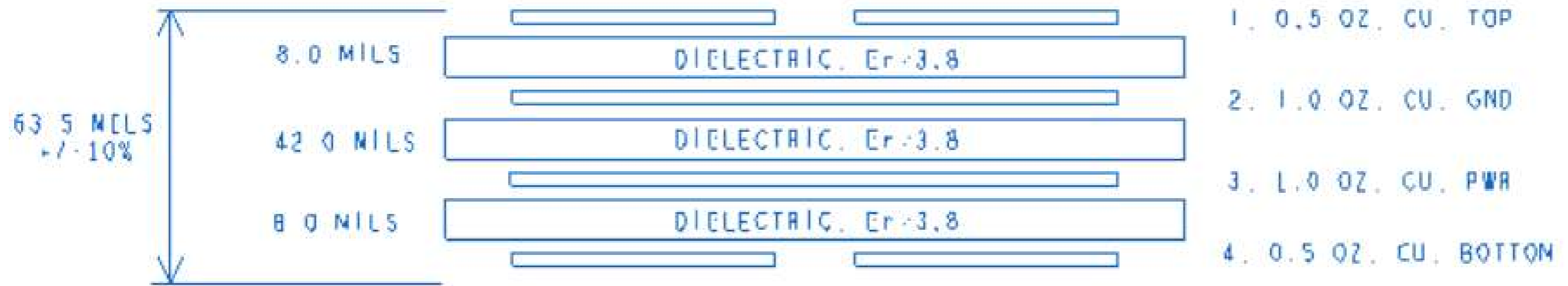


Shiratech Solutions	DXF		
	SRT-96B-MEZ-Bosch		
Drawn By Ishay Kokavka	Size A3	CAGE Code <Cage Code>	DWG NO A
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number of layers 4
 board thickness 1.6mm

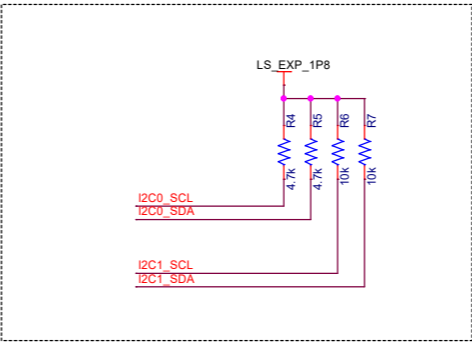
- 1) cs - signal
- 2) plan - gnd
- 3) plan - power
- 4) ps - signal

4 LAYERS CROSS SECTION
 AND FILM SET



RECOMMENDED STACKUP. FINAL STACKUP TO BE DETERMINED BY VENDOR

Shiratech Solutions	Stack Up		
	SRT-96B-MEZ-Bosch		
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LS EXPANSION CONNECTOR

HS EXPANSION CONNECTOR

from qualcom board

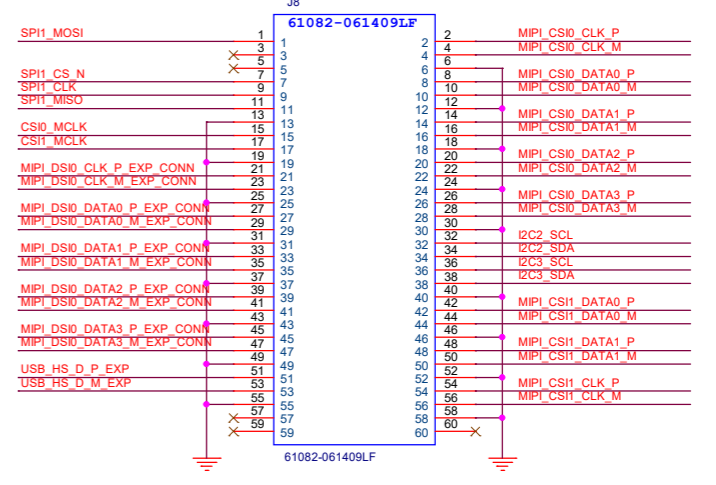
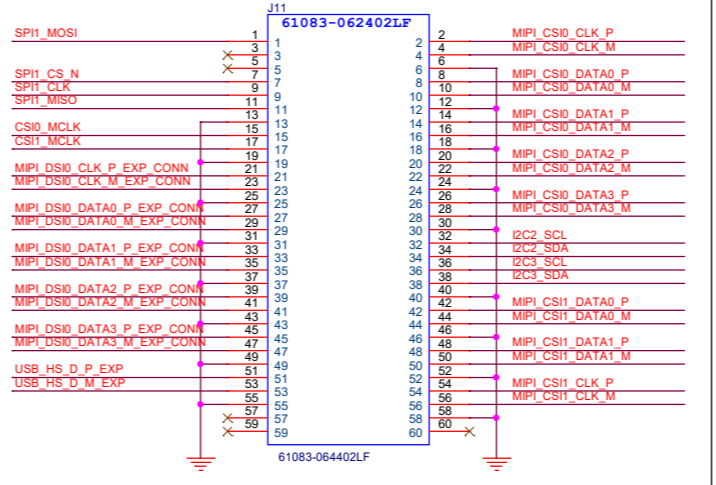
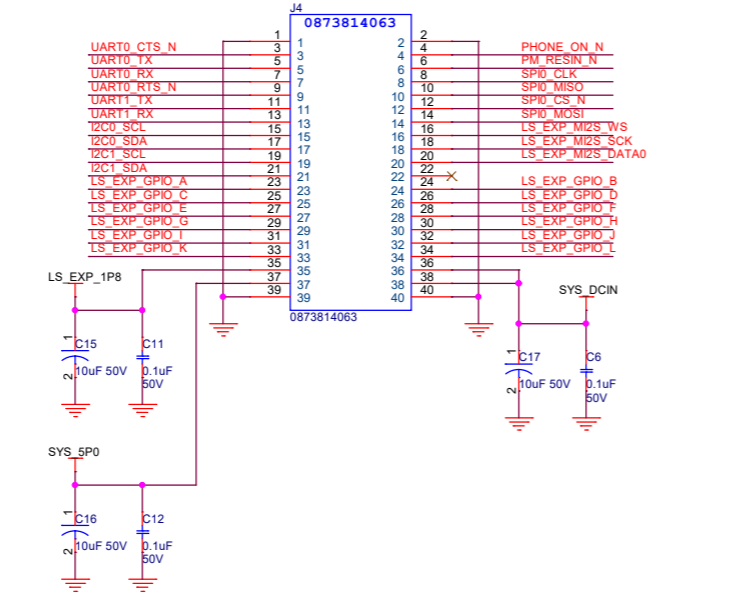
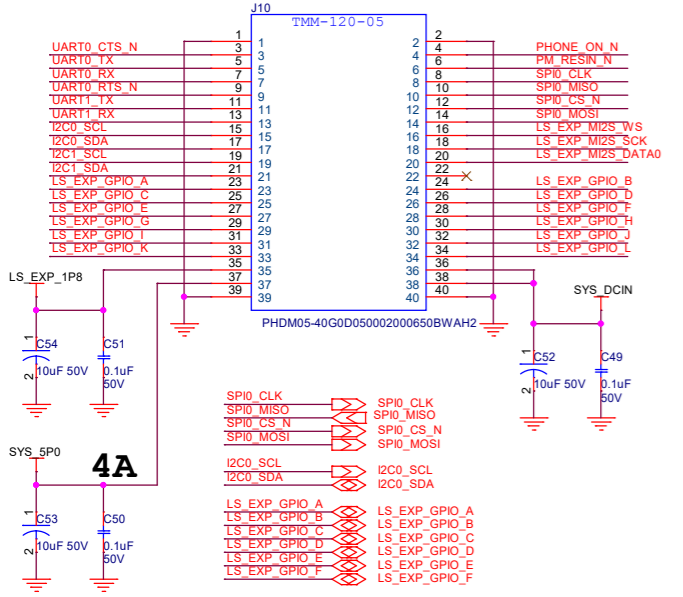
to next balcony

from qualcom board

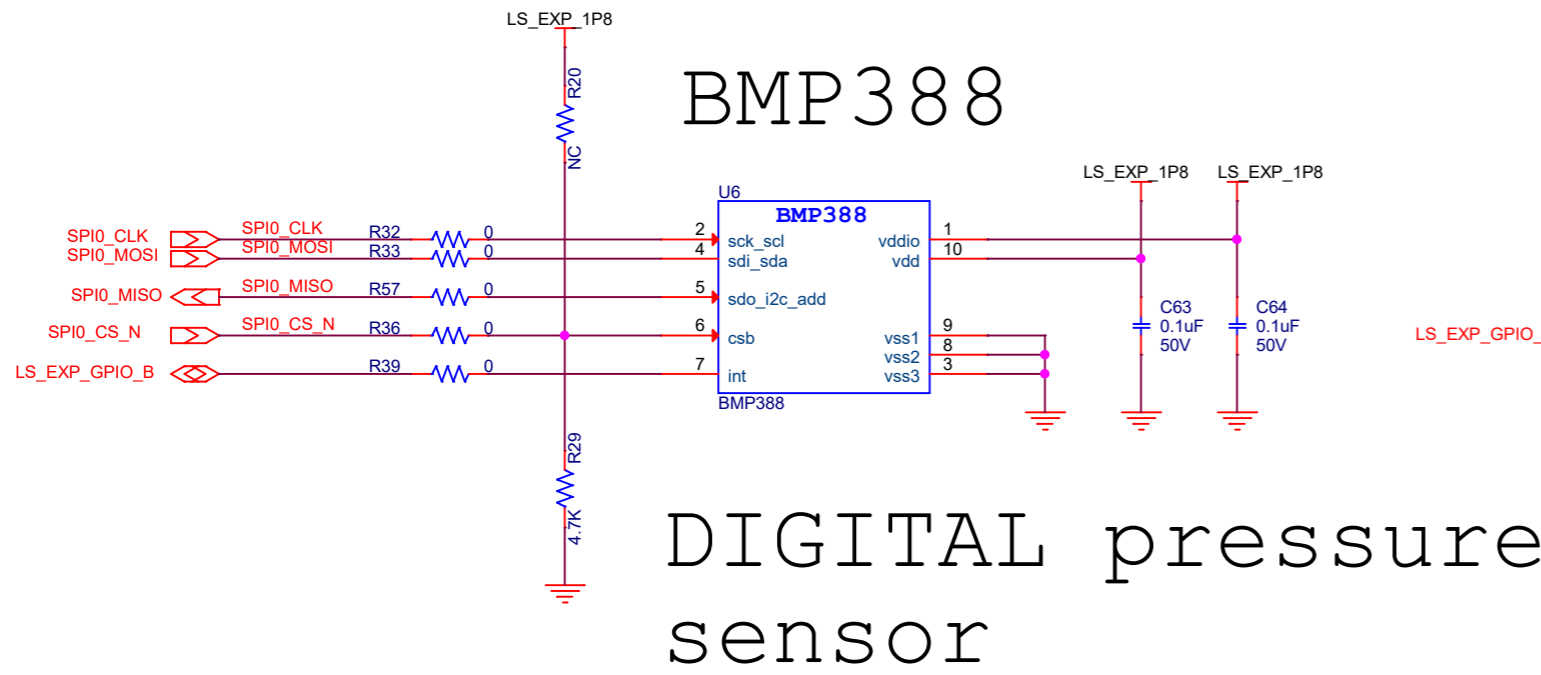
to next balcony

male connector (ps)

female connector (cs)

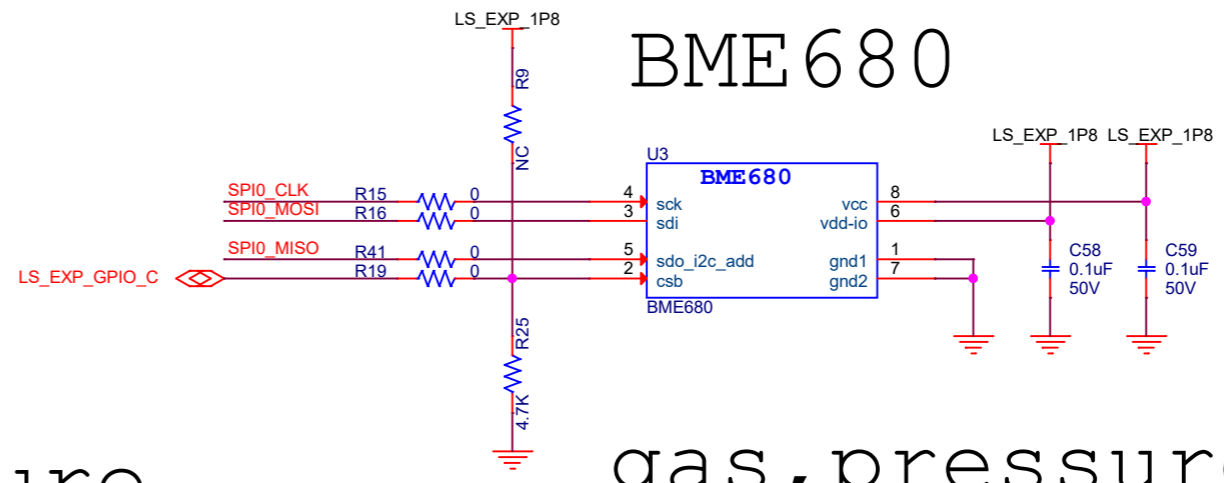


Shiratech Solutions	Interface_in_out			
	SRT-96B-MEZ-Bosch			
Drawn By Ishay Kokavka	Size A2	CAGE Code <Cage Code>	DWG NO A	Rev A
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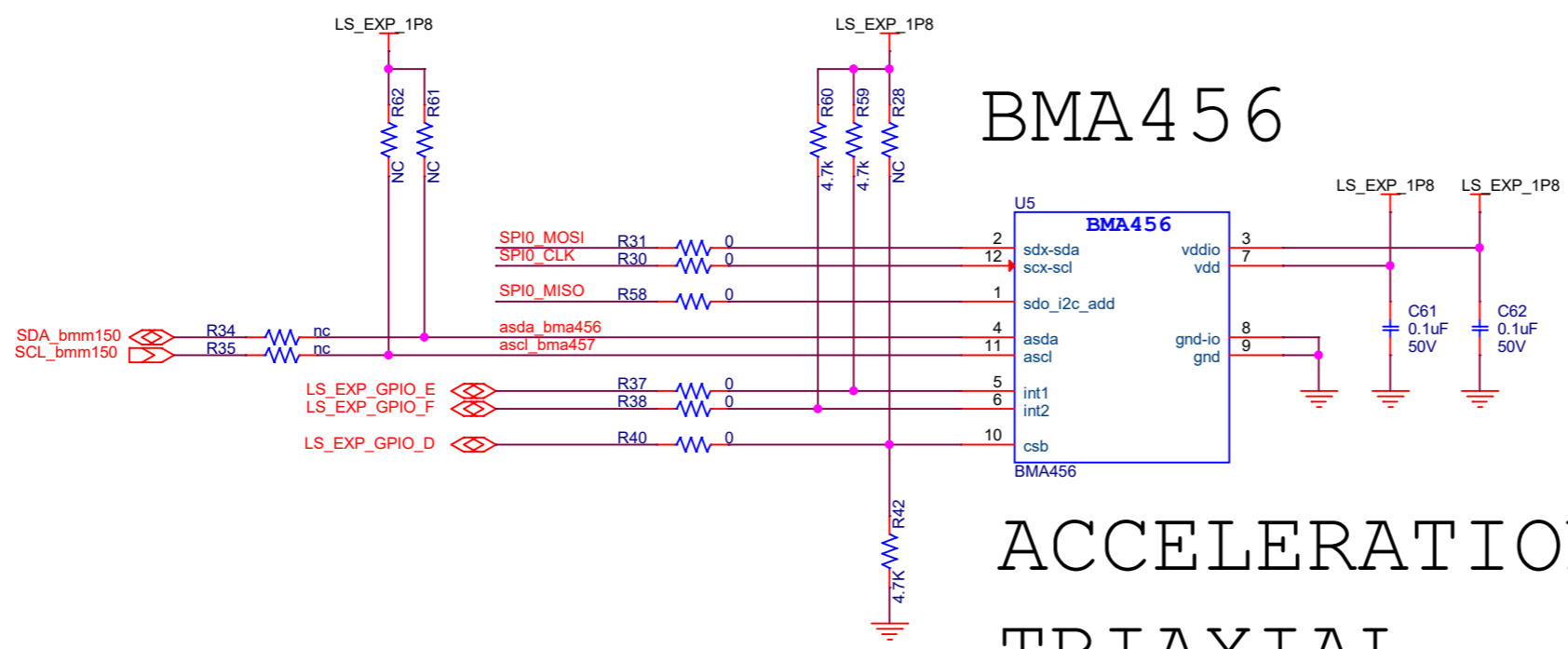
BMP388

DIGITAL pressure sensor



BME680

gas, pressure, temp humidity



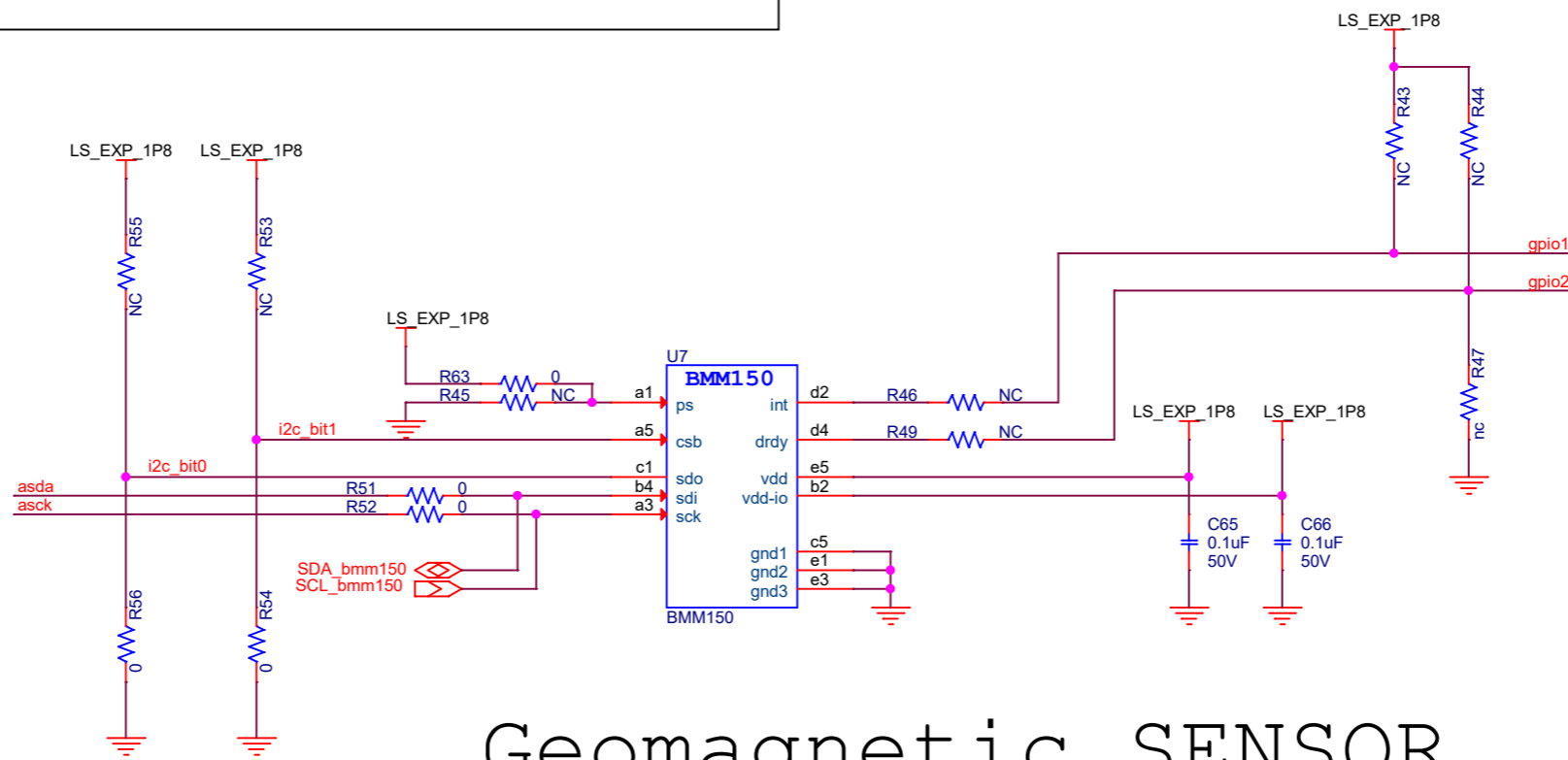
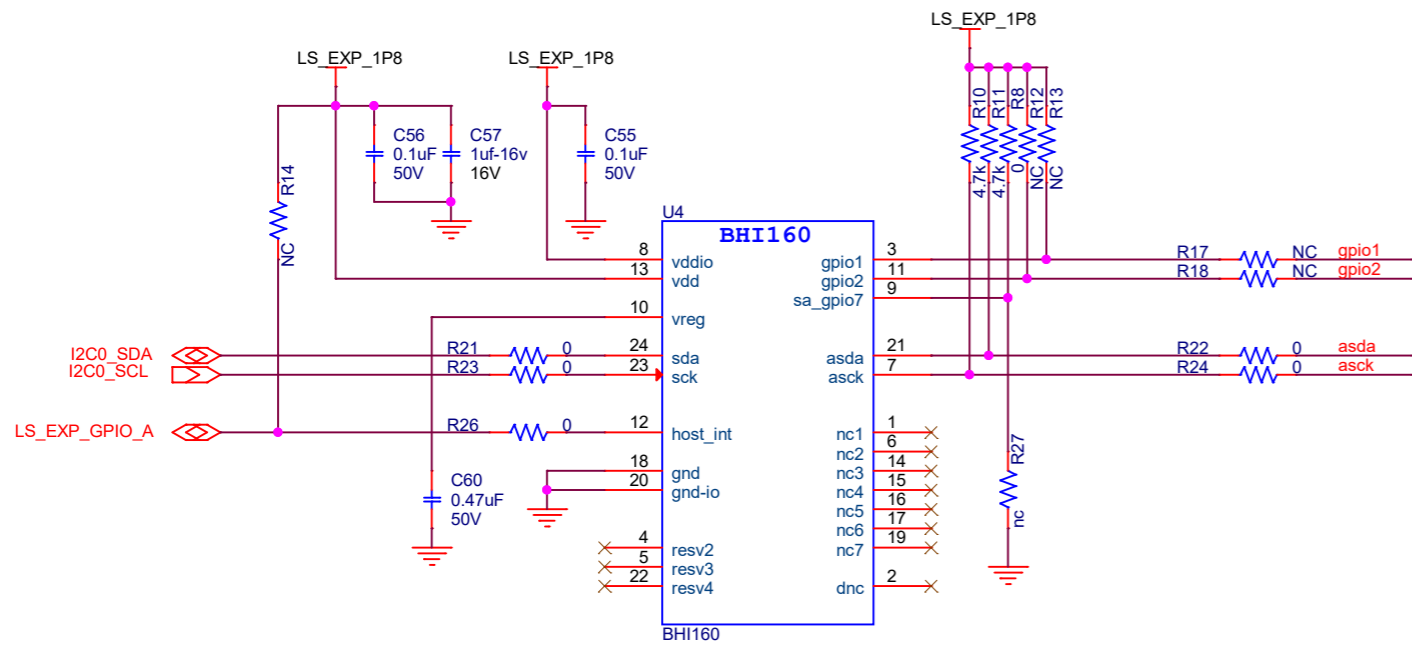
BMA456

ACCELERATION DIGITAL TRIAXIAL

Shiratech Solutions	Sensors - 1		
	SRT-96B-MEZ-Bosch		
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BHI160 (sensor bridge)

07



Geomagnetic SENSOR

Shiratech Solutions	Sensors - 2		
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LEFT FOR MISC AND FUTURE REMARKS

08

Shiratech Solutions	MISC			
	SRT-96B-MEZ-Bosch			
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