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Revisions

Rev	Description	Date
A	Release	12-06-2016
B	Update U2 from FXLS8962AF to FXLS8972CF and using footprint DFN_10_0P4_2X2_NSP_A	10-16-2017

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FRDM-STBC-AGMP03


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		ICAP Classification: CP: IJO: X PUBL:	
Designer: Aswin S	Drawing Title: FRDM-STBC-AGMP03		
Drawn by:	Page Title: TITLE PAGE		
Approved: Team	Size B	Document Number SCH-29427 PDF: SPF-29427	Rev B
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1. Unless Otherwise Specified:

- All resistors are in ohms, 5%, 1/8 Watt
- All capacitors are in uF, 20%, 50V
- All voltages are DC
- All polarized capacitors are aluminum electrolytic

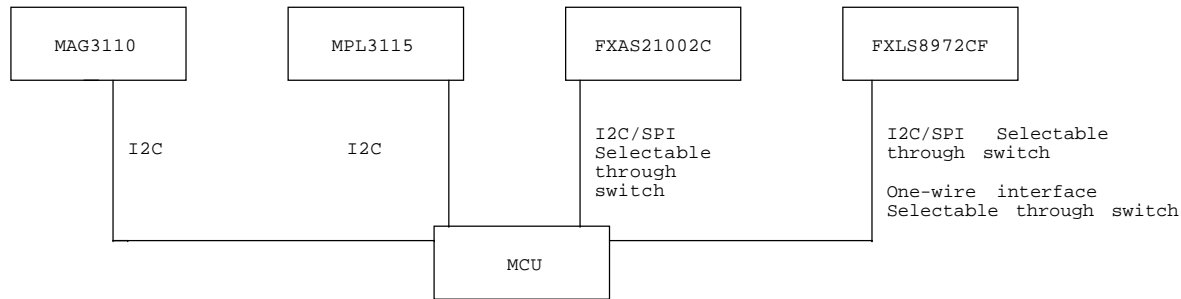
2. Interrupted lines coded with the same letter or letter combinations are electrically connected.


3. Device type number is for reference only. The number varies with the manufacturer.

4. Special signal usage:

- _B Denotes - Active-Low Signal
- <> or [] Denotes - Vectored Signals

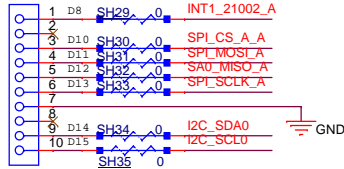
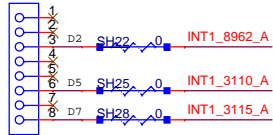
5. Interpret diagram in accordance with American National Standards Institute specifications, current revision, with the exception of logic block symbology.



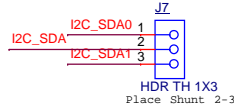
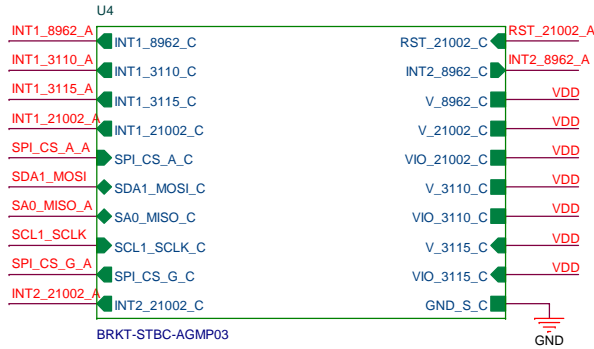
		
ICAP Classification: CP: ___ IUO: X PUBI:___		
Drawing Title: FRDM-STBC-AGMP03		
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SHIELD BOARD ARDUINO HEADER

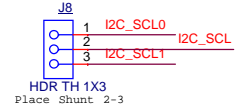
J3 SKT_1X8



J5 SKT_1X10

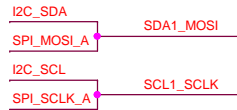


J7 HDR TH 1X3
Place Shunt 2-3



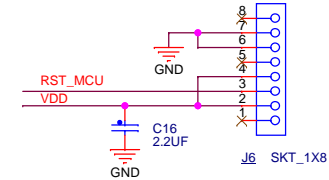
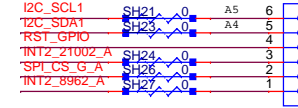
J8 HDR TH 1X3
Place Shunt 2-3

I2C/SPI SHARED PINS



SHIELD BOARD ARDUINO HEADER

J4 SKT_1X6



J6 SKT_1X8



J9 HDR TH 1X3



ICAP Classification: CP: ___ IUO: X PUBI: ___

Drawing Title:

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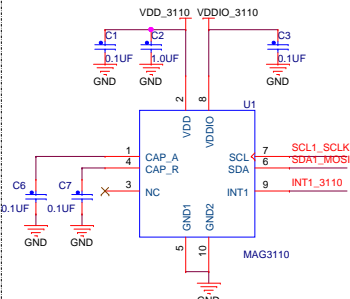
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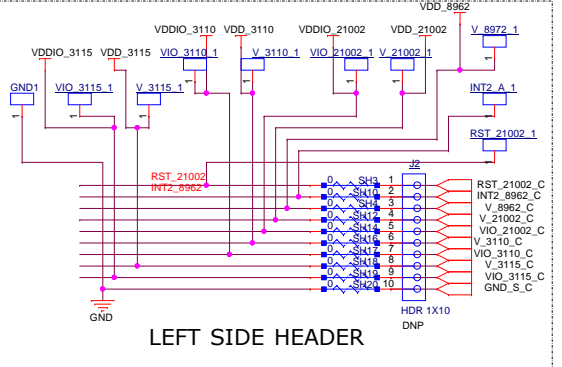
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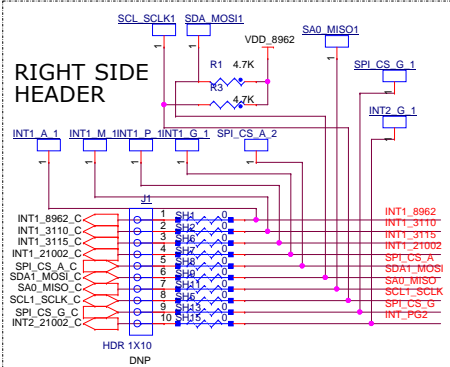
MAG3110 MAGNETIC SENSOR



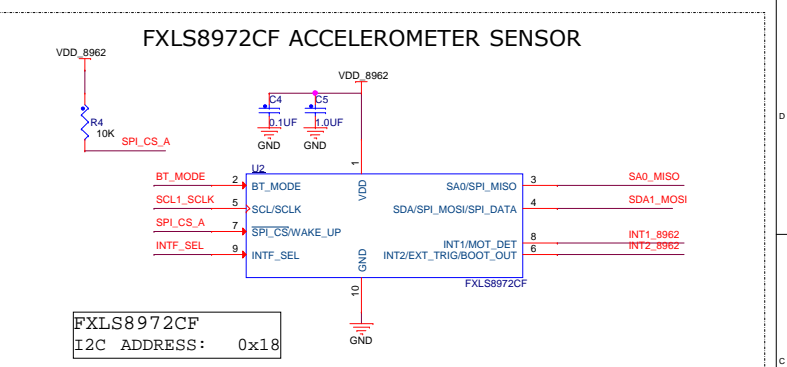
MAG3110
I2C ADDRESS: 0x0E



LEFT SIDE HEADER

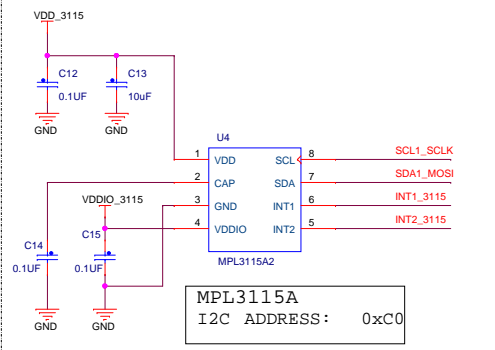


RIGHT SIDE HEADER

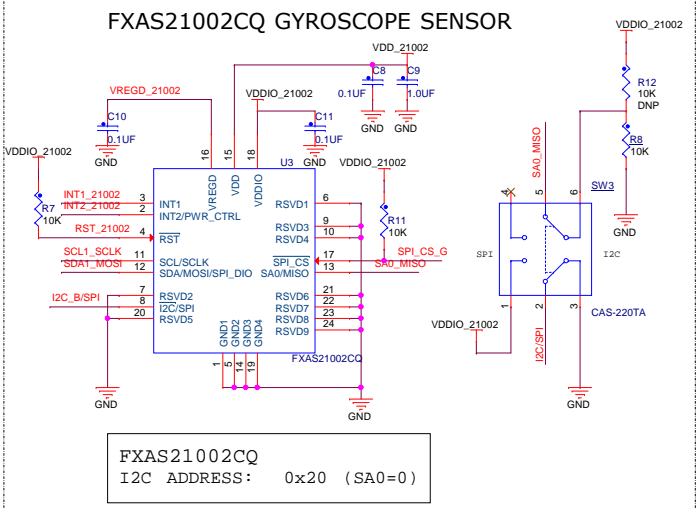


FXLS8972CF
I2C ADDRESS: 0x18

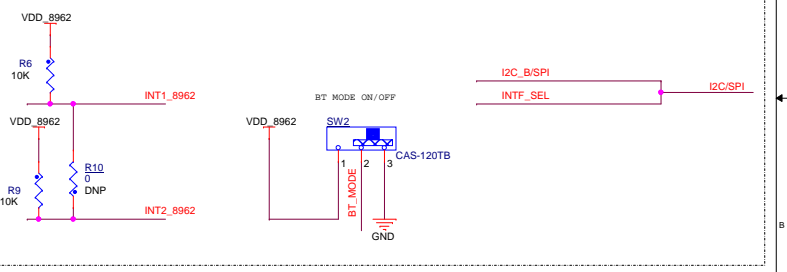
MPL3115A PRESSURE SENSOR



MPL3115A
I2C ADDRESS: 0xC0



FXAS21002CQ
I2C ADDRESS: 0x20 (SA0=0)



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