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Revisions		
Rev	Description	Date
X1	Original Release	08-22-16
A	Release	09-05-16
A1	Update the text of U3 to MMA8652FC	11-02-16

# FRDM-STBC-AGM04

		<b>Analog Sensor Product Group</b> 6501 William Cannon Drive West Austin, TX 78735-8596	
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ICAP Classification: CP: _____ IUC: X PUBL: _____			
Designer: Krithi S	Drawing Title: <b>FRDM-STBC-AGM04</b>		
Drawn by: Krithi S	Page Title: <b>CONTENT</b>		
Approved: Team	Size B	Document Number SCH-29415 PDF: SPF-29415	Rev A1
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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: \_\_\_

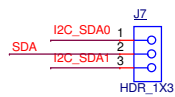
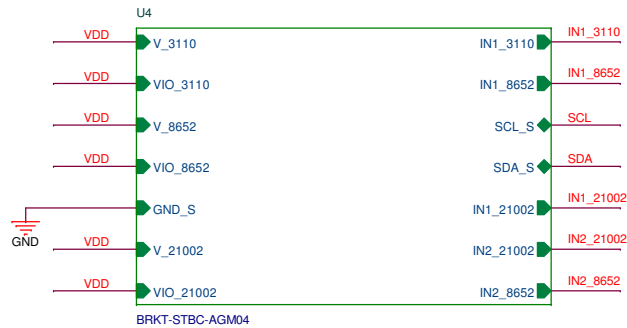
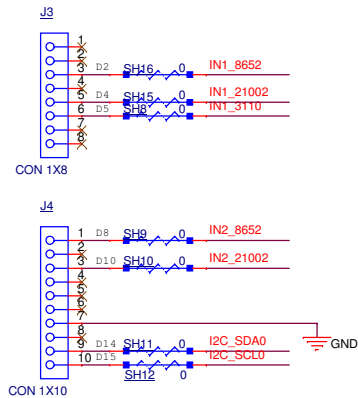
Drawing Title: **FRDM-STBC-AGM04**

Page Title: **NOTES**

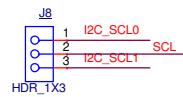
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SHIELD BOARD ARDUINO HEADER

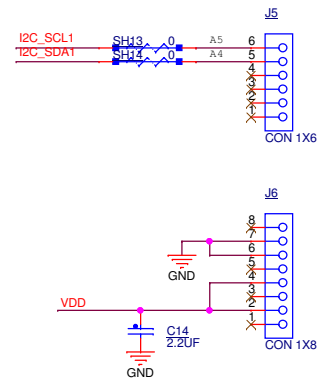


Place Shunt 2-3



Place Shunt 2-3

SHIELD BOARD ARDUINO HEADER



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# BRKT-STBC-AGM04



**Analog Sensor Product Group**

6501 William Cannon Drive West  
Austin, TX 78735-8596

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Designer: Krithi S	Drawing Title: <b>BRKT-STBC-AGM04</b>		
Drawn by: Krithi S	Page Title: <b>CONTENT</b>		
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1. Unless Otherwise Specified:

All resistors are in ohms, most are 1%, 1/10 Watt. Otherwise are 5%, 1/8 Watt.

All capacitors are in uF, some are 10% or 20%

All voltages are DC

All polarized capacitors are tantalum

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: **BRKT-STBC-AGM04**

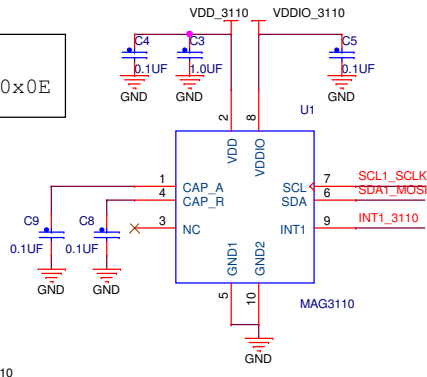
Page Title: **NOTES**

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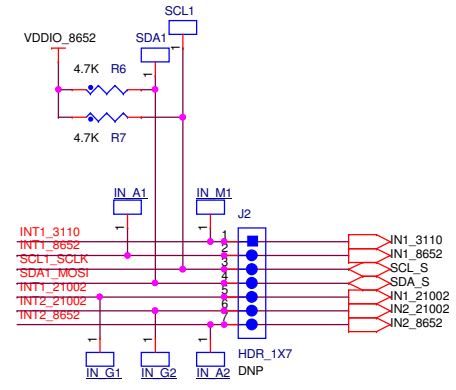
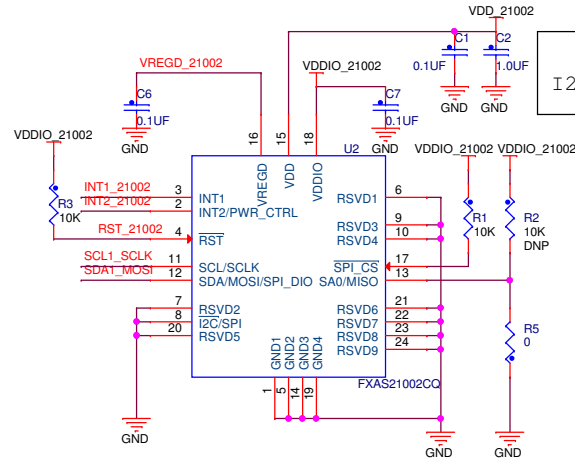
### MAG3110 MAGNETIC SENSOR

MAG3110  
I2C ADDRESS: 0x0E



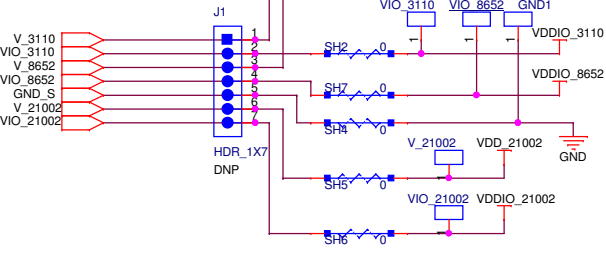
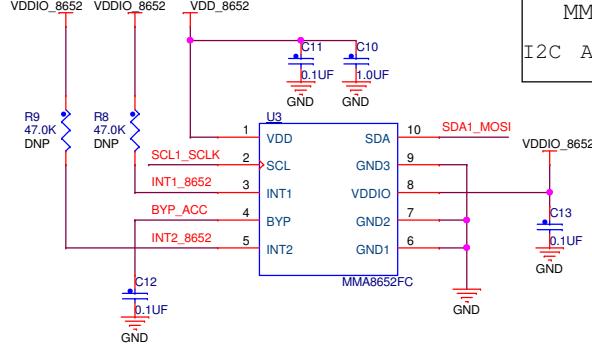
### FXAS21002CQ GYROSCOPE SENSOR


FXAS21002CQ  
I2C ADDRESS: 0x20 (SA0=0)



### MMA8652FC ACCELEROMETER SENSOR

MMA8652FC  
I2C ADDRESS: 0x1D





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