Table of Contents

Revisions & Change Log

Rev	Description	Date	Approved
A	Initial Release	02/02/15	Suryanarayanan
A1	SILK Screen Property added to TP9 - SCL0,TP10-SDA0,TP19-SDA1	15/Apr/15	Suryanarayanan

FRDM-FXS-MULT2-B

freescale

Analog Sensor Product Group
6501 William Cannon Drive West
Austin, TX 78735-8598

ICAP Classification: FCP: FIUO: X PUBI:

Designer: Denesh Kumar M	Drawing Title: FRDM-FXS-MULT2-B
Drawn by: Denesh Kumar M	Page Title: TITLE
Approved: Suryanarayanan	Size: C; Document Number: SCH-28727, PDF: SPF-28727; Rev: A1
	Date: Wednesday, April 15, 2015; Sheet 1 of 4

nless 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

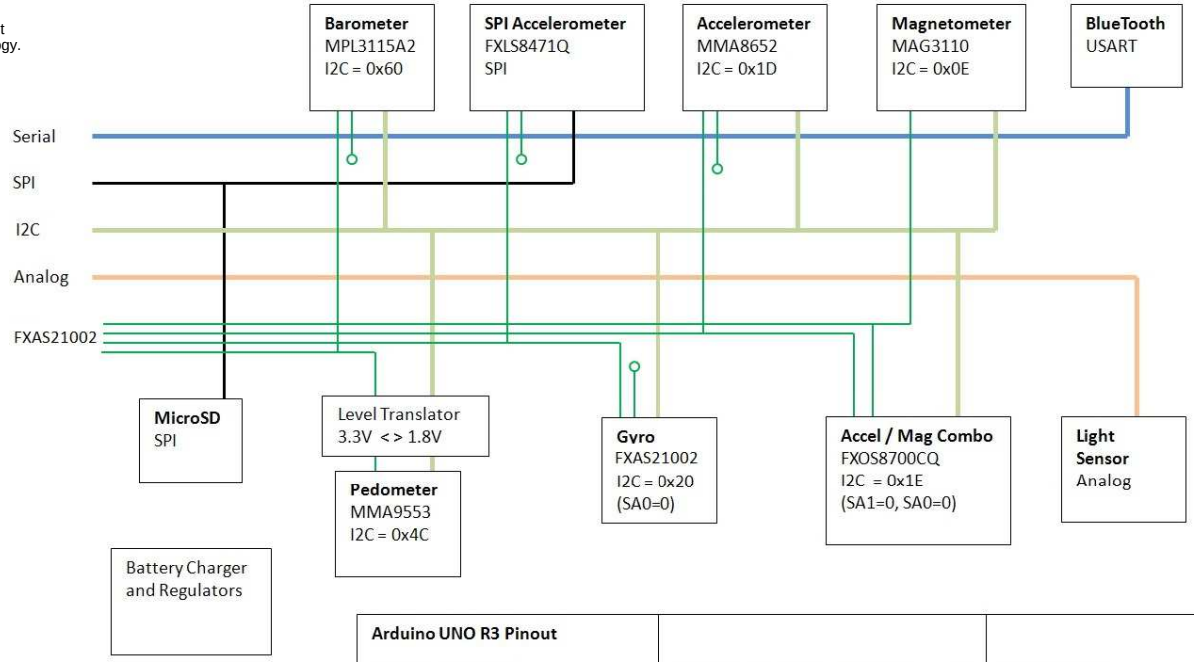
2. Interrupted lines coded with the same letter or letter combinations are electrically connected.

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.

FRDM-FXS-MULT2-B BLOCK DIAGRAM



Arduino UNO R3 Pinout

D0 = BlueTooth RX
D1 = BlueTooth TX
D2 = Interrupt Combo 1 or Mag
D3 = test point
D4 = Interrupt Combo 2 or Accel 1
D5 = Interrupt Gyro or SPI Accel 1
D6 = test point
D7 = test point

D8 = Interrupt Pedometer or Pressure 1
D9 = test point
D10 = SPI_SS_SPI_ACCEL
D11 = SPI_MOSI
D12 = SPI_MISO
D13 = SPI_CLK
D14 = Optional I2C Data
D15 = Optional I2C Clock

A0 = BT_Wakeup
A1 = BT_Monitor
A2 = SPI_SS_SD
A3 = Light Sensor Analog Signal
A4 = Main I2C Data
A5 = Main I2C Clock

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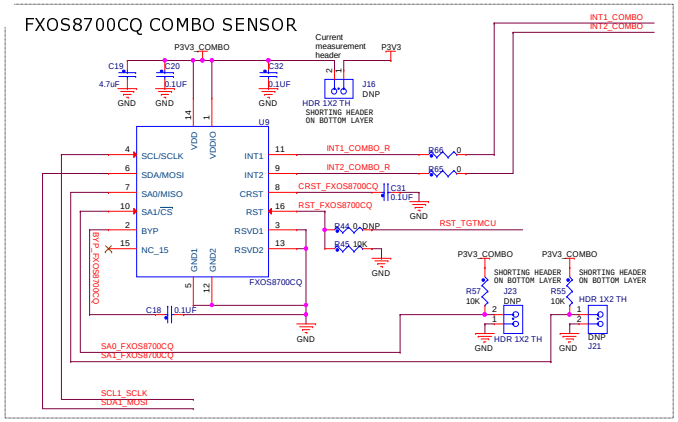
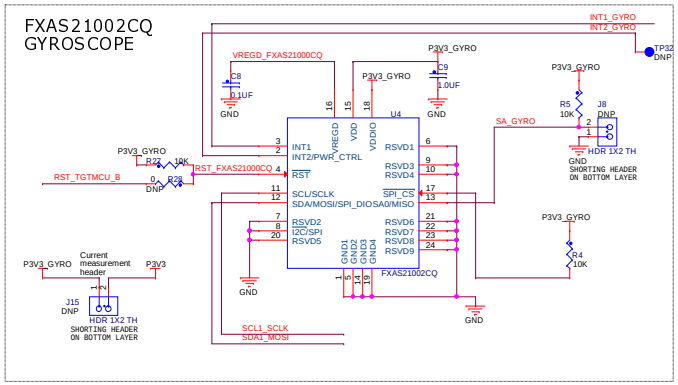
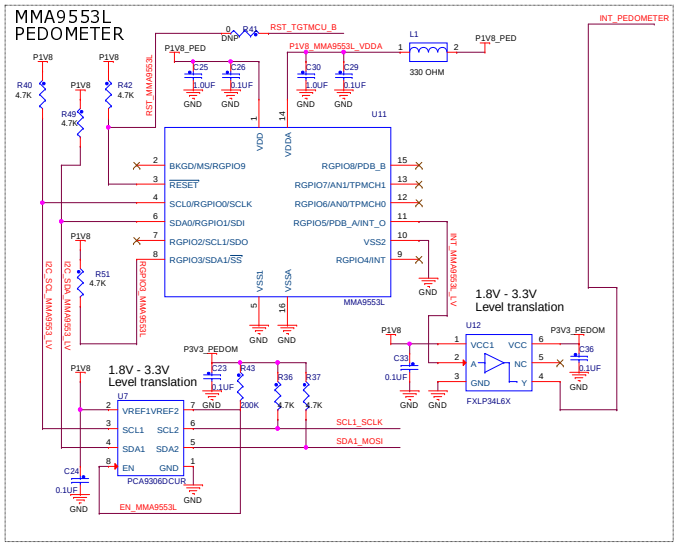
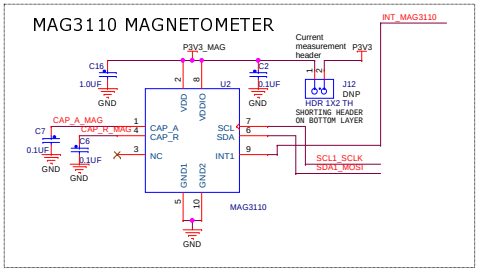
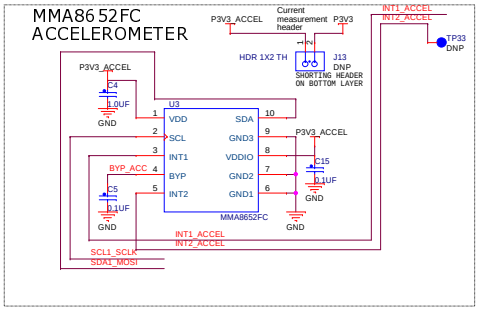
ICAP Classification: FCP: ___ FIUO: X PUBL: ___
Drawing Title: FRDM-FXS-MULT2-B
Page Title: BLOCK DIAGRAM
Size C | Document Number SCH-28727, PDF: SPF-28727 | Rev A1
Date: Wednesday, April 15, 2015 | Sheet 2 of 4

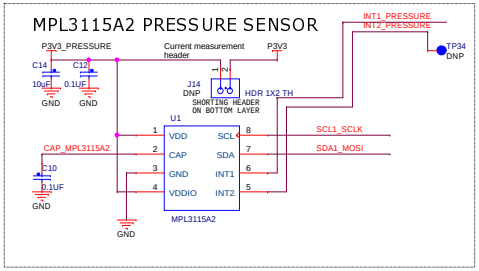


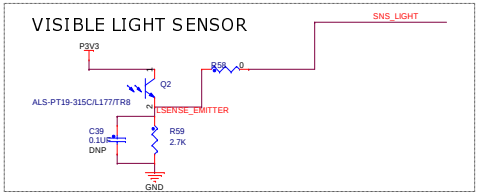


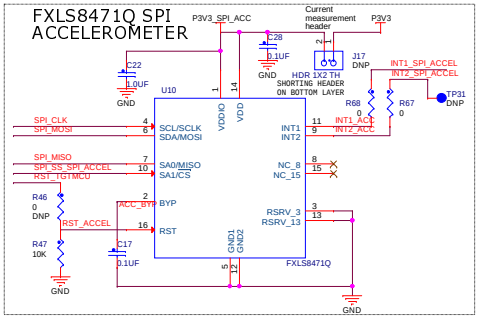


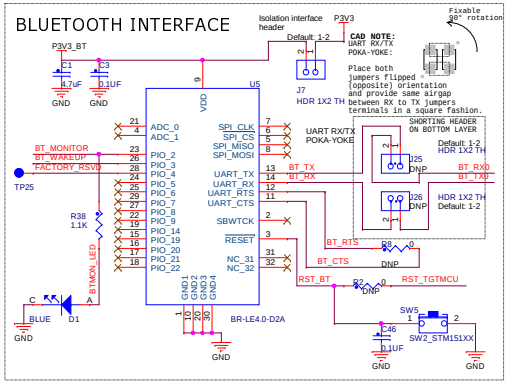


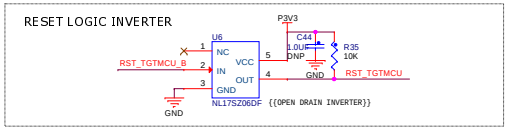


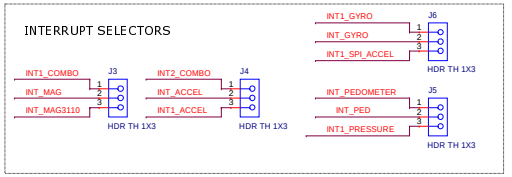


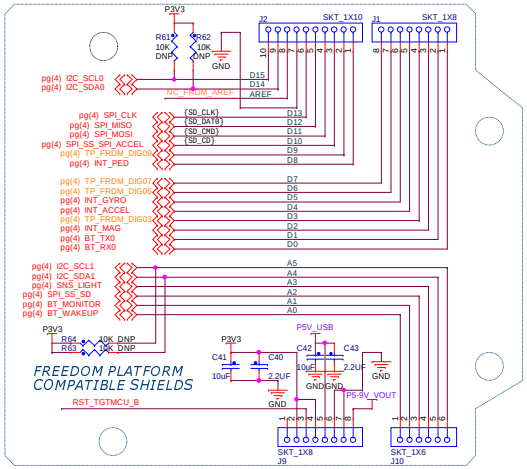


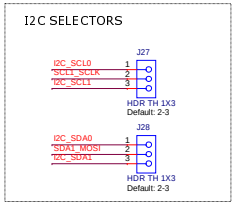












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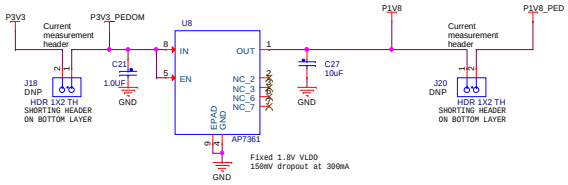
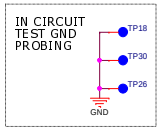
ICAP Classification:	FCP: ___ FIUO: X PUBL: ___
Drawing Title:	FRDM-FXS-MULT2-B
Page Title:	SENSORS
Size: C	Document Number: SCH-28727, PDF: SPF-28727
Rev: A1	
Date: Wednesday, April 15, 2015	Sheet 3 of 4

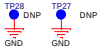
VOLTAGE REGULATION



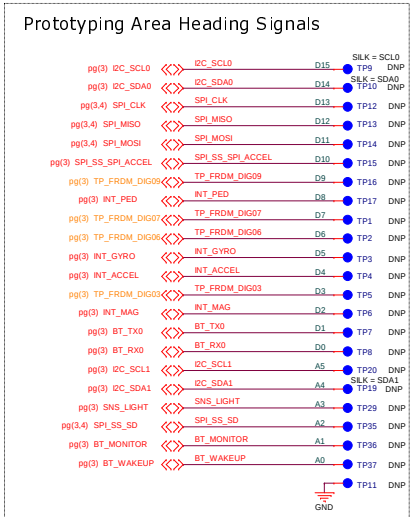
IN CIRCUIT TEST GND PROBING



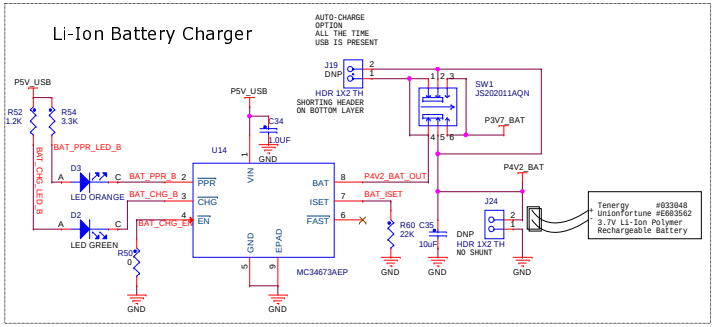
DEBUG GROUND HOOK



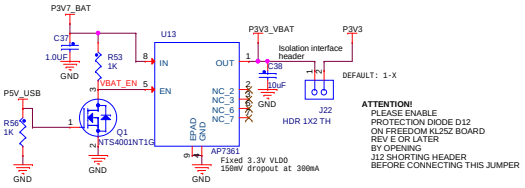
Prototyping Area Heading Signals



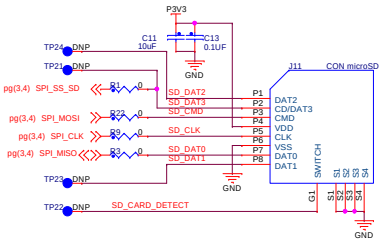
Li-Ion Battery Charger



Battery Regulation



microSD Card Connector, SPI Mode



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ICAP Classification:	FCP: ___ FIUO: X PUBL: ___
Drawing Title:	FRDM-FXS-MULT2-B
Page Title:	POWER SUPPLY
Size: C	Document Number: SCH-28727, PDF: SPF-28727 — Rev: A1
Date: Wednesday, April 15, 2015	Sheet 4 of 4