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Power Supply, Battery, uSD	

Revisions & Change Log			
Rev	Description	Date	Approved
X1	27909 base Initial Draft	03/07/13	J. SCOTT
A	27909 Prototype Release	03/26/13	J. SCOTT
AX1	27982 (BT Version) Under Development	07/16/13	J. SCOTT
AX1	27982 (BT Version) PPL & A070 RELEASE	07/22/13	J. SCOTT
AX2	27982 (BT Version) Block Diagram Update	08/07/13	J. SCOTT
B	27982 (BT Version) Release candidate	08/23/13	J. SCOTT
BX1	27982 (UNDER DEVELOPMENT) I2C swap fix	09/25/13	J. SCOTT
C	27983 9AXIS ver. (BOM update per coreid) Release to prod.	10/02/13	J. SCOTT

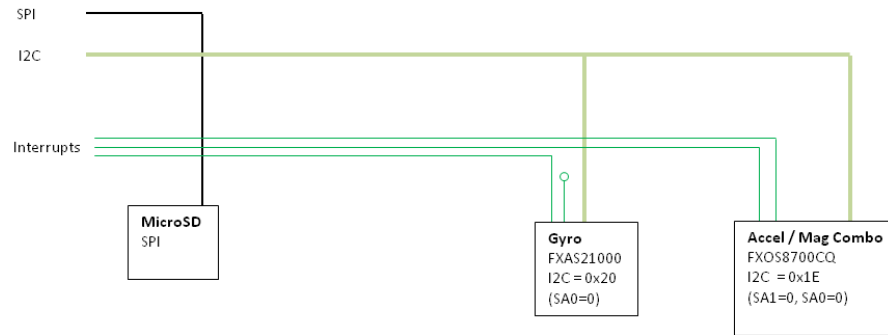
FRDM-FXS-MULTI

		Automotive, Industrial & Multi-Market Solutions Group 6501 William Cannon Drive West Austin, TX 78735-6598	
ICAP Classification: FCP: FLUQ: PUB: X			
Designer: RAFAEL DEL REY	Drawing Title: FRDM-FXS-9AXIS		
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Approved: JAMES SCOTT	Size C	Document Number SCH-27983 PDF: SPF-27983	Rev C
Date: Wednesday, October 02, 2013 Sheet 1 of 4			

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-MULTI Block Diagram



Battery Charger
and Regulators

Arduino UNO R3 Pinout		
D0 = BlueTooth RX	D8 = Interrupt Pedometer or Pressure 1	A0 = BT_Wakeup
D1 = BlueTooth TX	D9 = test point	A1 = BT_Monitor
D2 = Interrupt Combo 1 or Mag	D10 = SPI_SS_SPI_ACCEL	A2 = SPI_SS_SD
D3 = test point	D11 = SPI_MOSI	A3 = Light Sensor Analog Signal
D4 = Interrupt Combo 2 or Accel 1	D12 = SPI_MISO	A4 = Main I2C Data
D5 = Interrupt Gyro or SPI Accel 1	D13 = SPI_CLK	A5 = Main I2C Clock
D6 = test point	D14 = Optional I2C Data	
D7 = test point	D15 = Optional I2C Clock	

