

6

5

4

3

2

1

NOTES:

1) USB Differential Pairs - 90 Ohm

(A) USB-DM & USB-DP

(B) USB0_GPIO-42 & USB0_GPIO-43

(C) MCU_GPIO-42 & MCU_GPIO-43

2) EMIF - External Memory Interface Impedance Matching from J1 to U1

(A) MCU_GPIO-39:41, MCU_GPIO-44:52, MCU_GPIO-86:94 - Address [0:21]

(B) MCU_GPIO-85, MCU_GPIO-83:53 - Data [0:31]

(C) MCU_GPIO-30 - Clock

(D) MCU_GPIO-37, 31, 29 - Read/Write/ClkEn Pins

(E) MCU_GPIO-32, 34, 35, 28 - Chip Select Pins

3) ADC Differential Pair Impedance Matching

(A) HSEC_ADC even pins should match with HSEC_ADC + 1 pin (ie HSEC_ADC-C2 should match with HSEC_ADC-C3)

(B) MCU_ADC even pins should match with MCU_ADC + 1 pin (ie MCU_ADC-A0 should match with MCU_ADC-A1)

REVISION RECORD

WHO:	SCH REV:	PCB REV:	NOTES:	DATE:
TI-BL	R1.0	R1.0	Draft	05-Jun-2013
TI-BL	R1.1	R1.1	Edited SVS circuitry (U3,U4); Changed power supply (U14) resistors Changed F28377D (U1) pinout and connector pinout (J1) Changed ADC VREFHI circuitry (U17,U13) and switches (SW3, SW4)	24-Oct-2013

COMPANY:

Texas Instruments

PAGE NAME:

TITLE

TITLE:

F2837x controlCARD

REV:

1.1

DATE:

12/5/2013

SIZE:

B

SHEET:

1

OF

8







