| NOTES: NOTES: | | 6 | 5 | 4 | | 3 | | | 2 | | 1 | | | 7 |
|--|---|--------------------|--|--------------------------|----------------|---------------------------|-----------|-------|----------|---------------|--|-----------------|-------|--------------|
| NOTES: 10 U.SB Differential Pairs - 90 Ohm (A) U.SB Diff (C) (B) U.SBD, CPIO-143 (C) (C) MCI (C) | | | | | | | | WIIO. | CCH DEV | DCD DEV. | | | DATE. | |
| NOTES: 1) USB Differential Pairs - 90 Ohm | | | | | | | | | | | NOTES: | | | 1 |
| D 1) USB Differential Pairs - 90 Ohm (A) USB-D MR USB-DP (B) USB0 GPID-42 & USB0 GPID-43 (C) MCL_GPIO-42 & MCU_GPIO-43 (C) MCL_GPIO-32 & MCU_GPIO-43 2) EMIF - External Memory Interface Impedance Matching from J1 to U1 (A) MCU_GPIO-38, MCU_GPIO-38, Set Clore Set 94 Address [0:21] (B) MCU_GPIO-38, MCU_GPIO-38, Set Clore Set 94 Address [0:21] (C) MCU_GPIO-37, 31, 29 - Read/Write/CMFn Pins (B) MCU_GPIO-32, 34, 25, 28 - Chip Select Pins 3) ADC Differential Pair Impedance Matching (A) MSEC ADC even pins should match with MSEC ADC-C2 should match with MSEC ADC-C3) (B) MCU_ADC even pins should match with MCU_ADC + 1 pin (ie MSC ADC-A0 should match with MCU_ADC-A1) B A A **Texas Instruments** **Texas Instruments** **TITLE** **T | | NOTES: | | | | | | | | R1.1 Edited S | SVS circuitry (U3,U4); d power supply (U14) resistors d F28377D (U1) pinout and connected d ADC VREFHI circuitry (U17,U13) switches (SW3, SW4) | cor pinout (J1) | | |
| (B) USBQ_CPID-42 & USBQ_CPID-43 (C) MCU_CPID-43 (MCU_CPID-43 (MCU_CPID-36 (MCU_CPID-37 (MCU_CPID | D | 1) USB Diffe | erential Pairs - 90 Ohm | | | | | | | | | | | D |
| (C) MCU_GPIO-42 & MCU_GPIO-43 2) EMIT - External Memory Interface Impedance Matching from J1 to U1 (A) MCU_GPIO-39-41, MCU_GPIO-38-12, MCU_GPIO-48-12, MCU_GPIO-48-12, MCU_GPIO-48-12, MCU_GPIO-48-12, MCU_GPIO-48-12, MCU_GPIO-48-12, MCU_GPIO-48-12, MCU_GPIO-39-10, MCU_GPIO-39-10, MCU_GPIO-30 - Clock (D) MCU_GPIO-30 - Clock (D) MCU_GPIO-37, 31, 29 - Read/Write/ClkIn Pins (B) MCU_GPIO-37, 31, 29 - Read/Write/ClkIn Pins (A) IESC_ADC even pins should match with ISEC_ADC C2 should match with IISEC_ADC C3) (B) MCU_ADC even pins should match with MCU_ADC + 1 pin (le MCU_ADC-A0 should match with MCU_ADC-A1) B TEXAS Instruments TITLE TITLE TITLE TITLE TITLE TO SET TO S | | (A) USB- | -DM & USB-DP | | | | | | | | | | | |
| 2) EMIF - External Memory Interface Impedance Matching from J1 to U1 (A) MCU_GPIO-39:41, MCU_GPIO-46:52, MCU_GPIO-98:94 - Address [0:21] (B) MCU_GPIO-39: Al, MCU_GPIO-38:3 - Data [0:34] (C) MCU_GPIO-30: Clock (D) MCU_GPIO-32: 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 MSEC_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) B A A A Texas Instruments TITLE TEXAS Instruments TITLE TEXAS Instruments TITLE | | (B) USBO | O_GPIO-42 & USBO_GPIO-43 | | | | | | | | | | | - |
| (A) MCU_GPIO-39:41, MCU_GPIO-44:52, MCU_GPIO-86:94 - Address [0:21] (B) MCU_GPIO-30: Al, 29 - Read/Write/Clkin Pins (C) MCU_GPIO-30: Al, 29 - Read/Write/Clkin 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) B A A TEXAS Instruments Complete Texas Instruments TITLE TI | | (C) MCU | _GPIO-42 & MCU_GPIO-43 | | | | | | | | | | | - |
| C (D) MCU_GPIO-37, 31, 29 - Read/Write/CIKEn Pins (E) MCU_GPIO-37, 31, 29 - 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-AO should match with MCU_ADC-AI) B A Texas Instruments FITTLE TITLE TITLE TEXASTOR CONTROL OF THE PINS TEXASTOR CONTROL OF THE PINS TEXASTOR CONTROL OF THE PINS TITLE TITLE TITLE TITLE TITLE TITLE TOWNS TEXASTOR CONTROL OF THE PINS TOWNS TOWNS TOWNS TOWNS TOWNS TOWNS TOWNS TOWNS TOWNS TITLE TITLE TITLE TOWNS | | (A) MCU (B) MCU | U_GPIO-39:41, MCU_GPIO-44 U_GPIO-85, MCU_GPIO-83:53 | 1:52, MCU_GPIO-86:94 - A | | U1 | | | | | | | | |
| (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) B COMPANY. Texas Instruments PLASS TITLE TITLE TITLE TITLE TEXAS TOTAL SECTION SEC | | | | wite/CllvEn Ding | | | | | | | | | | |
| A A 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) B COMMAN: Texas Instruments MCS_NOWE: TITLE TITLE TITLE TITLE TOWN F2837x controlCARD F2837x controlCARD | C | | | | | | | | | | | | | C |
| (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) B (COURSE: Texas Instruments HOLL NOW: TITLE TITLE TITLE F2837x controlCARD F2837x controlCARD 1.1 | | (E) MCC | _G1 10-32, 34, 33, 26 - Cmp | Select I llis | | | | | | | | | | |
| B (B) MCU_ADC even pins should match with MCU_ADC + 1 pin (ie MCU_ADC-A0 should match with MCU_ADC-A1) (B) MCU_ADC even pins should match with MCU_ADC + 1 pin (ie MCU_ADC-A0 should match with MCU_ADC-A1) (B) MCU_ADC even pins should match with MCU_ADC + 1 pin (ie MCU_ADC-A0 should match with MCU_ADC-A1) (B) MCU_ADC even pins should match with MCU_ADC + 1 pin (ie MCU_ADC-A0 should match with MCU_ADC-A1) (COMPANY: Texas Instruments (FIGH NAMY: TITLE TIT | | 3) ADC Diffe | rential Pair Impedance | Matching | | | | | | | | | | |
| A COMPANY Texas Instruments PICE NAME TITLE TITLE TITLE TEXAS TO TITLE TITLE TITLE TITLE TO TITLE | | (A) HSEC | C_ADC even pins should mat | ch with HSEC_ADC + 1 pir | n (ie HSEC_ADC | -C2 should match with HSE | C_ADC-C3) | | | | | | | |
| A COMPANY: Texas Instruments PAGE NAME: TITLE TITLE TITLE F2837x controlCARD REV: 1.1 | | (B) MCU | _ADC even pins should matc | ch with MCU_ADC + 1 pin | (ie MCU_ADC-A | O should match with MCU_A | ADC-A1) | | | | | | | |
| A COMPANY: Texas Instruments PAGE NAME: TITLE TITLE TITLE F2837x controlCARD REV: 1.1 | | | | | | | | | | | | | | |
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| F2837x controlCARD 1.1 | | | | | | | | TI | | | | REV: | | |
| DATE: 19/5/9019 OTT D SHEET 1 OF 9 | | | | | | | | | F | 2837x cc | ontrolCARD | 1 | 1.1 | |
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