1) USB Differential Pairs - 90 Ohm
(A)USB_N and USB_P
(B)MCU_GPIO42 and MCU_GPIO43

 Revision History

 Rev
 ECN #
 Approved Date
 Approved by
 Notes

 E1
 N/A
 N/A
 N/A
 Initial

 E2
 N/A
 N/A
 N/A
 Fixed Ethernet MDC Bug in PCB Replaced U20 with an inverting buffer

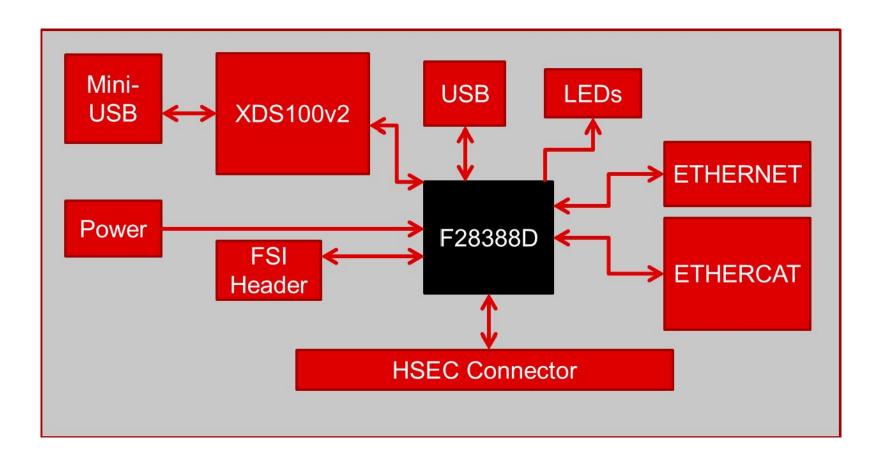
 A
 N/A
 N/A
 N/A
 Public Release

2)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)

3)ETHERNET and ETHERCAT Differential pairs (A)TD_P and TD_N

(B)RD_P and RD_N



This controlCARD does not support the High Density(HD) connector, or EMIF, as previously supported by TMDSCNCDF28379D.

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Orderable: TMDXCNCD28388D Designed for: Public Release Mod. Date: 4/4/2019
TID #: N/A Project Title: TMS320F28388D controlCARD

Number: MCU063 Rev: A Sheet Title:
SVN Rev: ee5666333436355C1debbf096286960b9628f68657x01 Sheet: 1 of 11
Drawn By: Cody Watkins File: MCU063A_CoverSheet.SchDoc Size: B http://www.ti.com

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