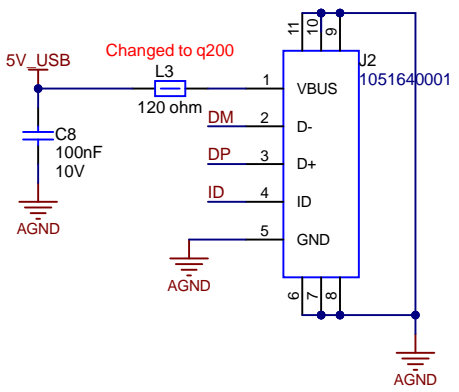
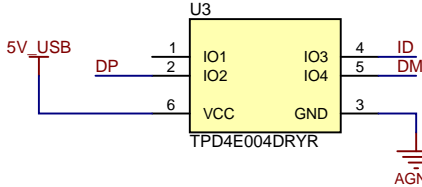


FTDI

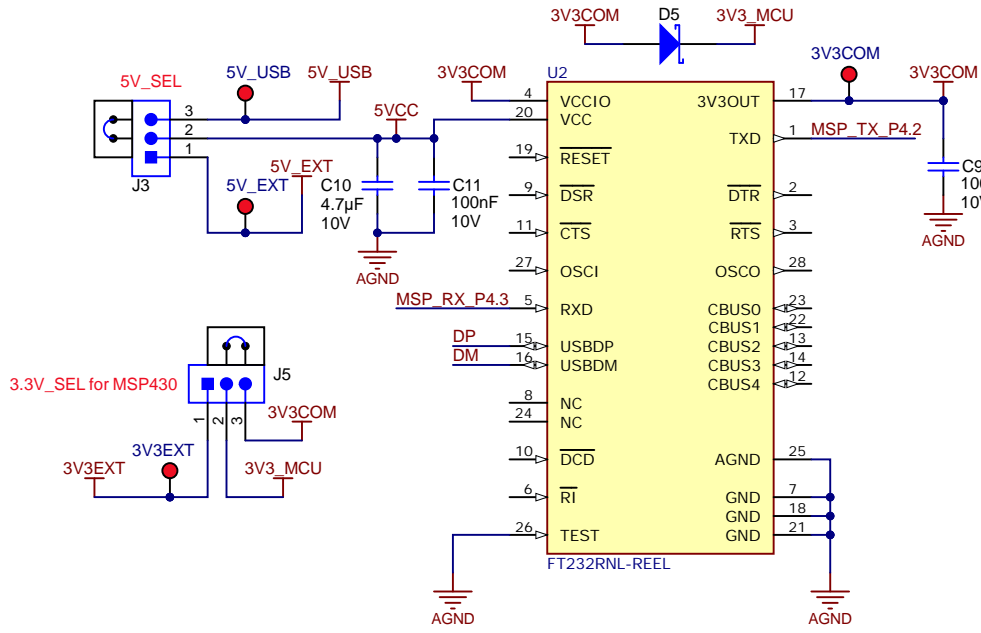
Micro USB Connector



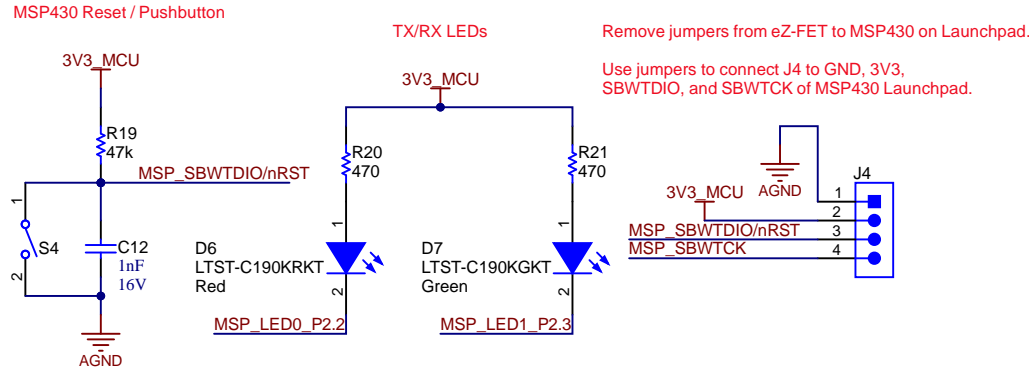
USB ESD Protection



FTDI REGULATOR



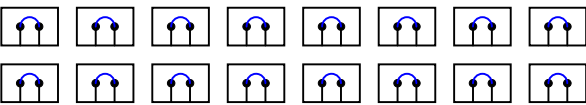
MCU PROGRAMMING



MSP430FR2355

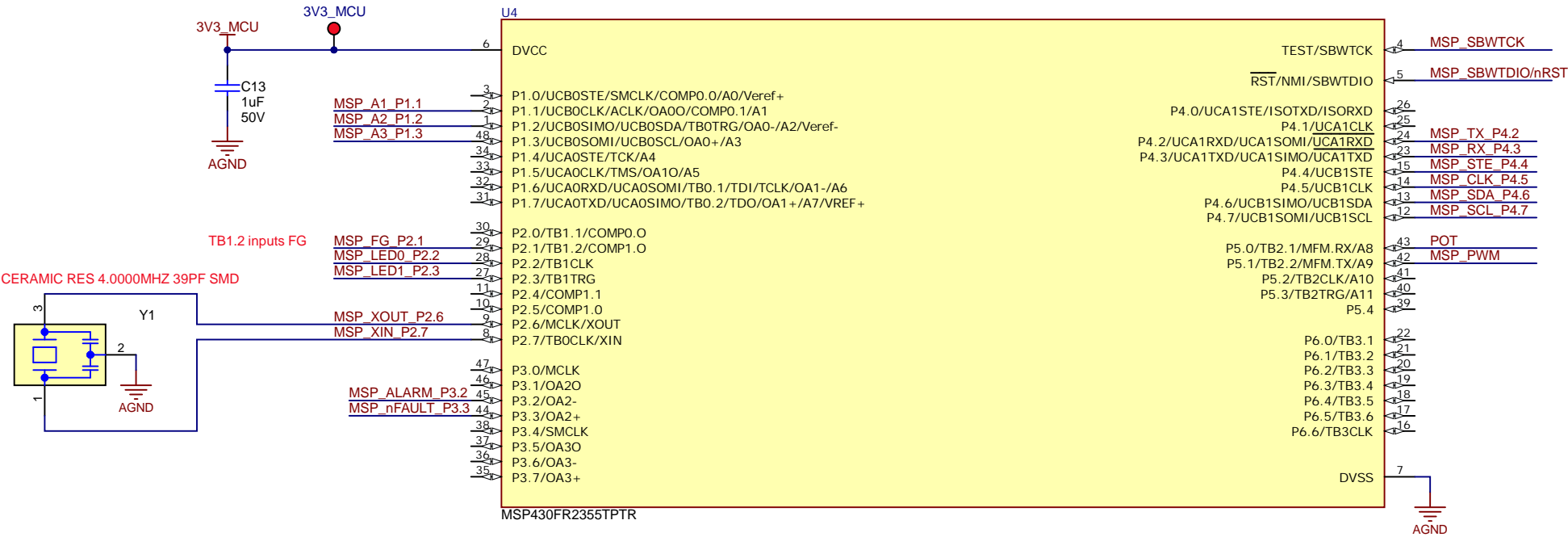
MSP430FR2355

Signal Bank for connecting MSP430 + MCx8315C

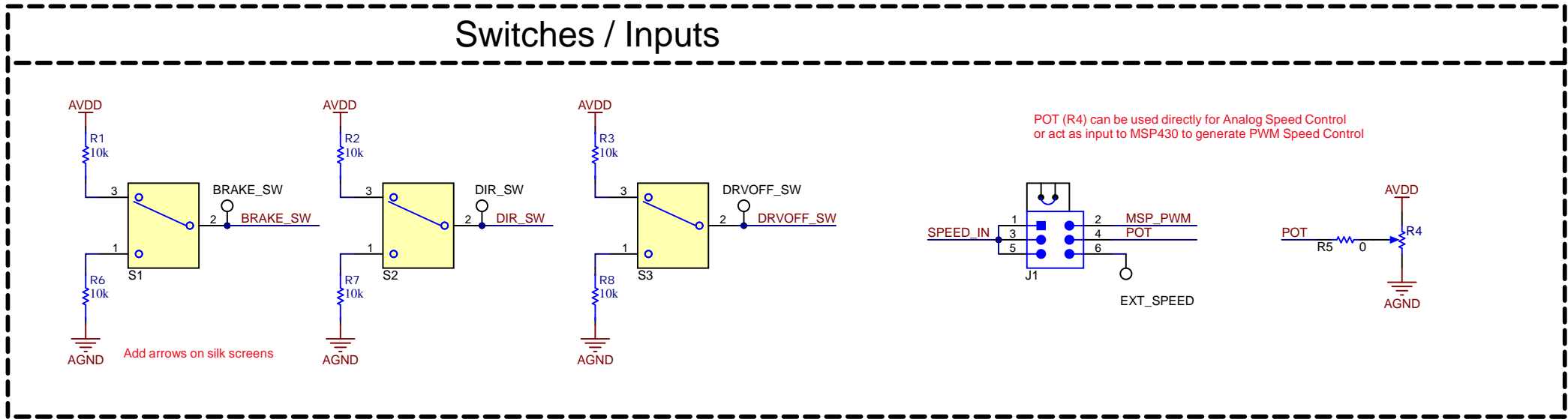


To MCx8315C	To MSP430FR2355
AGND	AGND
VBK	MSP_FG_P2.1
FG	MSP_nFAULT_P3.3
nFAULT	MSP_ALARM_P3.2
ALARM	MSP_A1_P1.1
	MSP_A2_P1.2
	MSP_A3_P1.3
DACOUT	MSP_STE_P4.4
	MSP_CLK_P4.5
MCX_SDA	MSP_SDA_P4.6
MCX_SCL	MSP_SCL_P4.7
SPEED	
BRAKE	BRAKE_SW
DIR	DIR_SW
DRVOFF	DRVOFF_SW

Populate jumpers to communicate onboard MSP430FR2355 to the MCx8315C or depopulate jumpers to use standalone MSP430 or MCx8315C.



Orderable: MCF8315RRYEVM	Designed for: Public Release	Mod. Date: 5/7/2024
TID #: N/A	Project Title: MCF8315RRYEVM	
Number: MD099A	Rev: Rev A	Sheet Title:
SVN Rev: Not in version control	Assembly Variant: 001	Sheet: 1 of 5
Drawn By:	File: MD099A_INTERFACE.SchDoc	Size: B
Engineer: Andy Ampuero	Contact: http://www.ti.com/support	



A

B

C

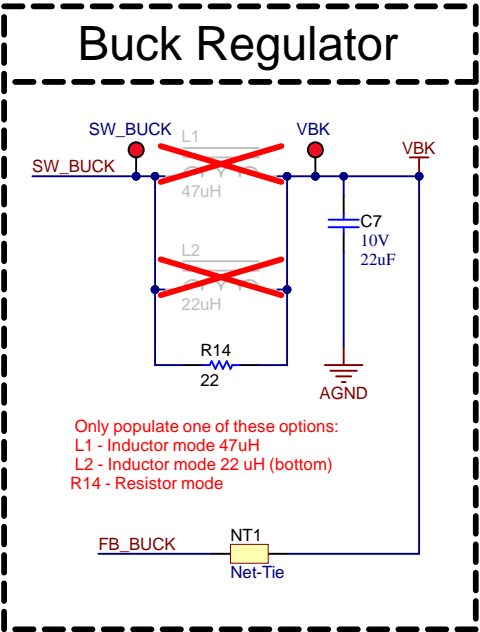
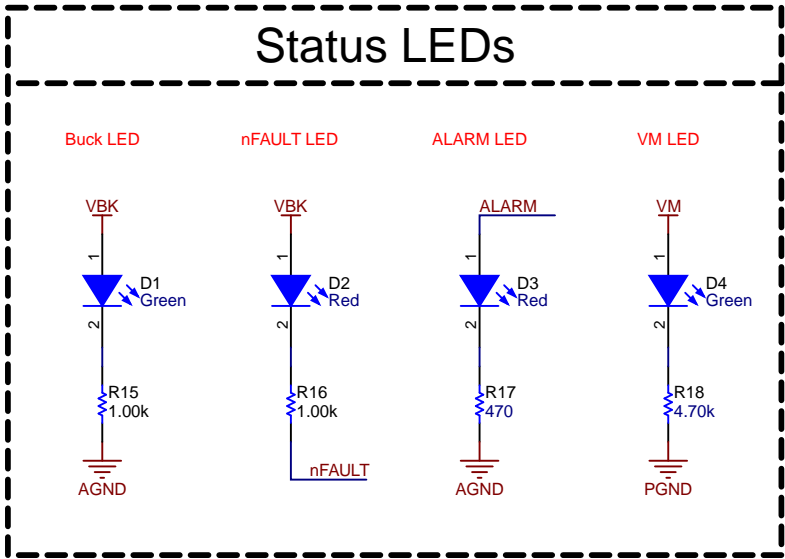
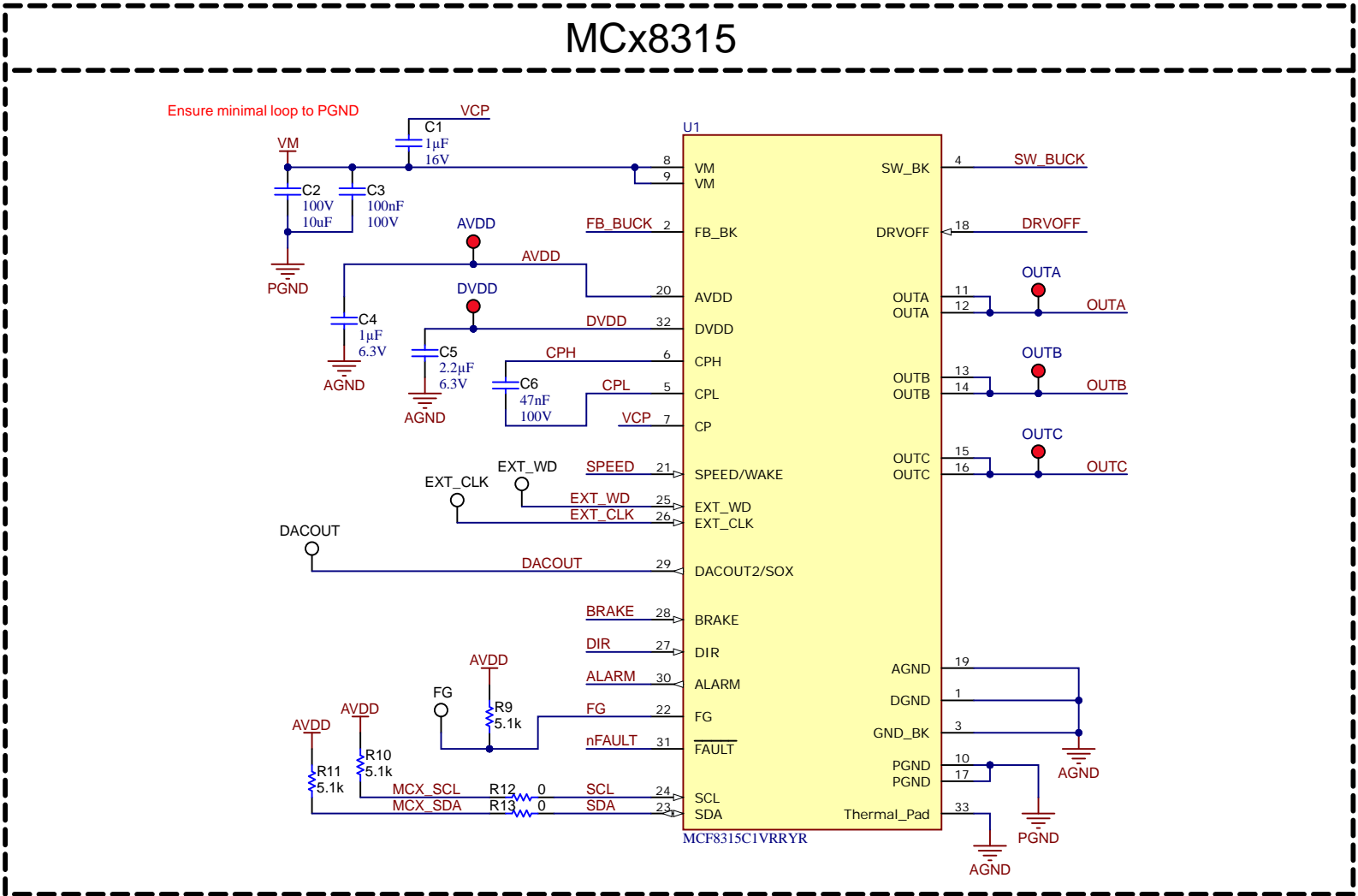
D

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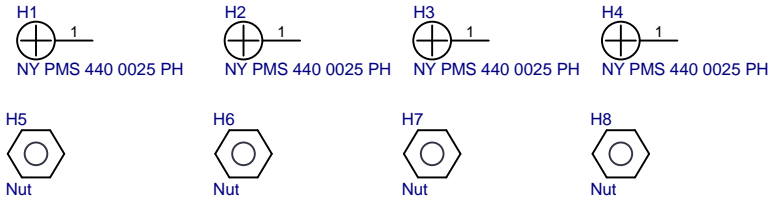
B

C

D







PCB Number: MD099A  
PCB Rev: Rev1.0

PCB  
LOGO  
Texas Instruments



PCB  
LOGO  
FCC disclaimer

PCB  
LOGO  
WEEE logo

LBL1  
PCB Label  
THT-14-423-10



CAUTION HOT SURFACE



CAUTION HOT SURFACE

Variant/Label Table	
Variant	Label Text
001	MCF8315C1VRRYR

ZZ1  
Label Assembly Note  
This Assembly Note is for PCB labels only

ZZ2  
Assembly Note  
These assemblies are ESD sensitive, ESD precautions shall be observed.

ZZ3  
Assembly Note  
These assemblies must be clean and free from flux and all contaminants. Use of no clean flux is not acceptable.

ZZ4  
Assembly Note  
These assemblies must comply with workmanship standards IPC-A-610 Class 2, unless otherwise specified.