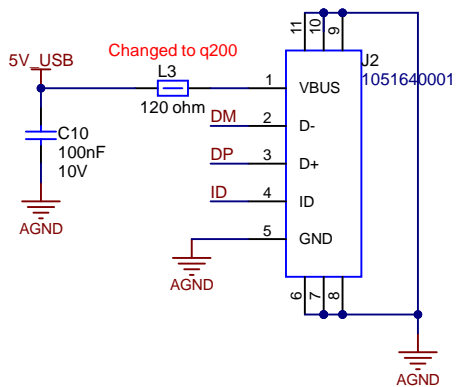
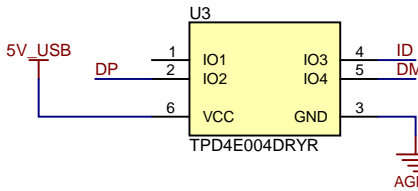


FTDI

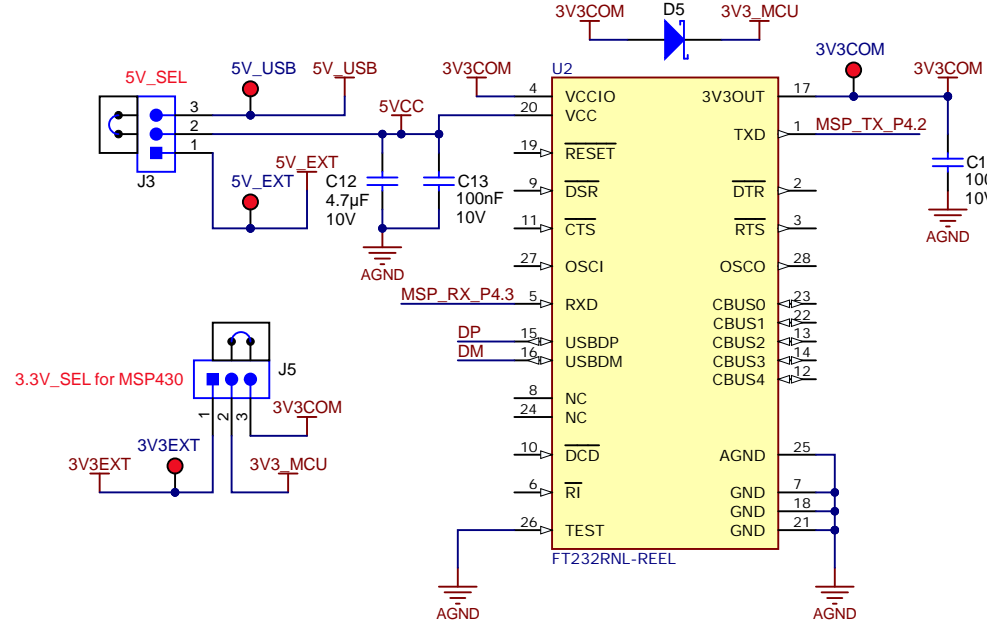
Micro USB Connector



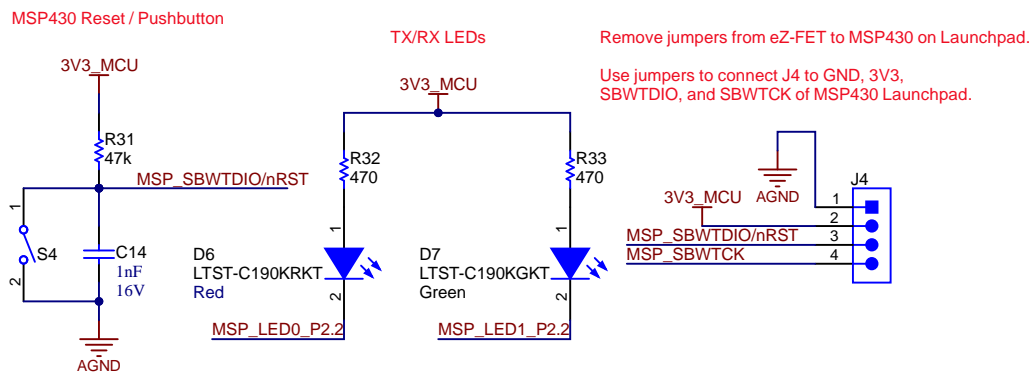
USB ESD Protection



FTDI REGULATOR



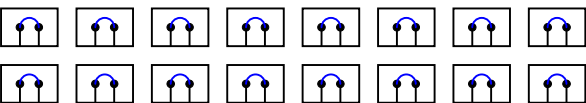
MCU PROGRAMMING



MSP430FR2355

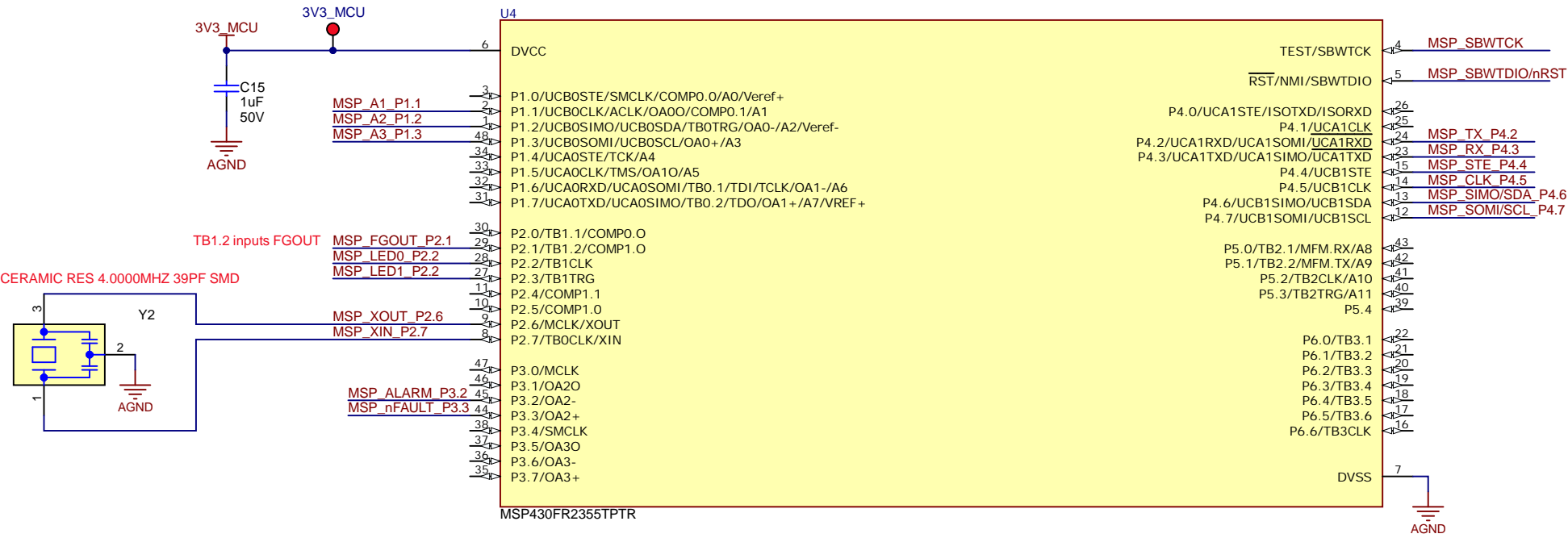
MSP430FR2355

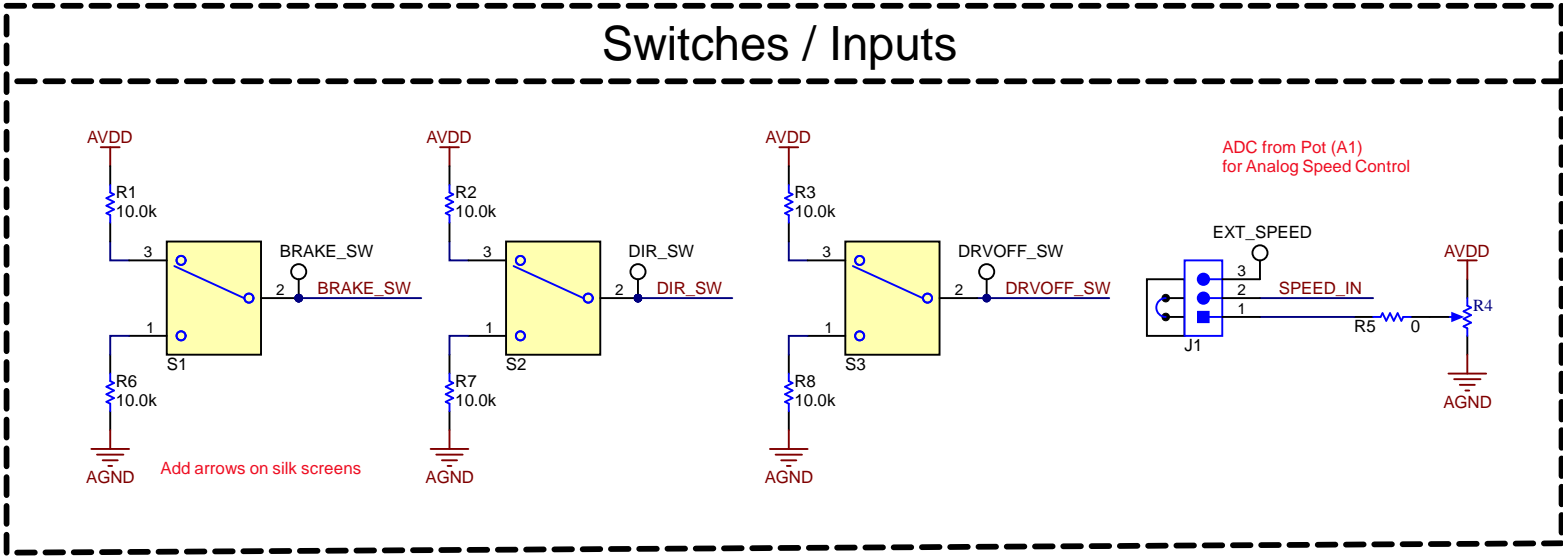
Signal Bank for connecting MSP430 + MCx8316A

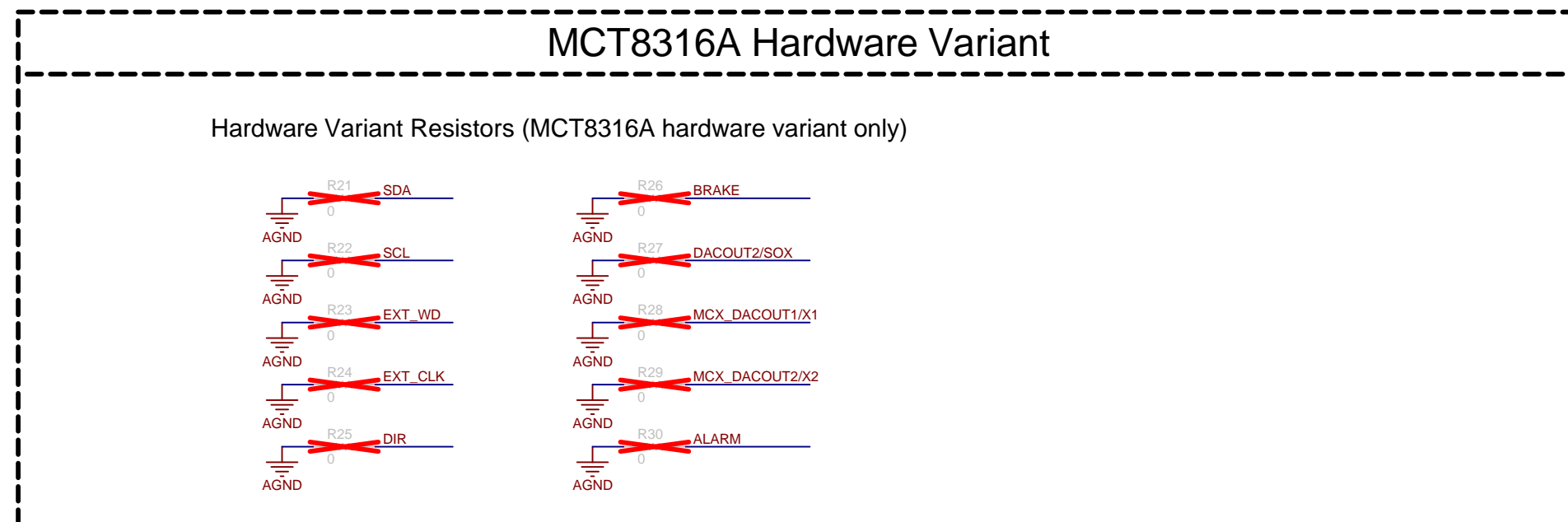
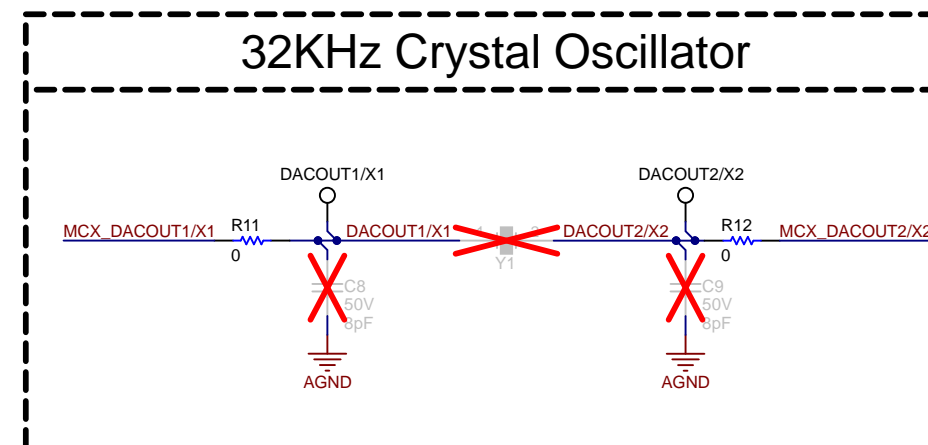
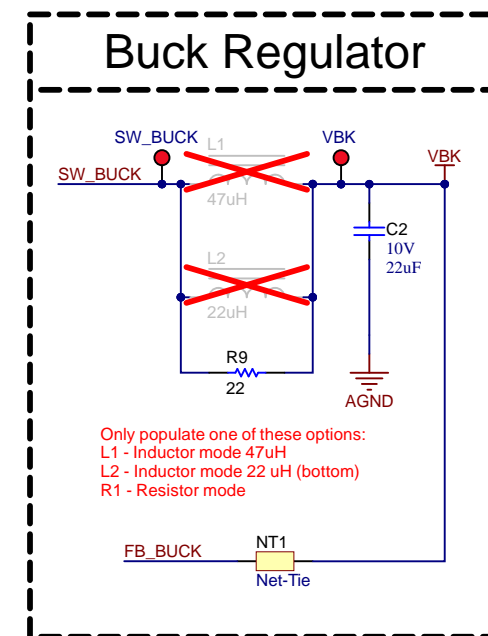


To MCx8316A	To MSP430FR2355
AGND	AGND
VBK	MSP_FGOUT_P2.1
FGOUT	MSP_nFAULT_P3.3
nFAULT	MSP_ALARM_P3.2
ALARM	MSP_A1_P1.1
MCX_DACOUT1/X1	MSP_A2_P1.2
MCX_DACOUT2/X2	MSP_A3_P1.3
DACOUT2/SOX	MSP_STE_P4.4
	MSP_CLK_P4.5
MCX_SDA	MSP_SIMO/SDA_P4.6
MCX_SCL	MSP_SOMI/SCL_P4.7
SPEED	BRAKE_SW
BRAKE	DIR_SW
DIR	DRVOFF_SW
DRVOFF	

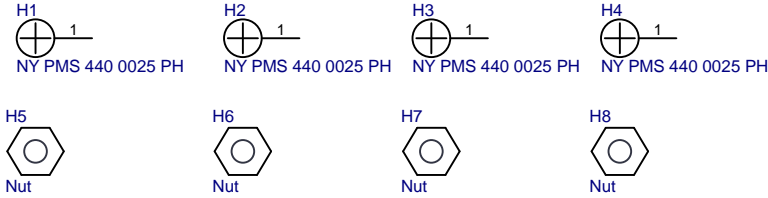
Populate jumpers to communicate onboard MSP430FR2355 to the MCx8316A or depopulate jumpers to use standalone MSP430 or MCx8316A.







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PCB Number: MD038
PCB Rev: A

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FCC disclaimer

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WEEE logo

LBL1
PCB Label
THT-14-423-10



CAUTION HOT SURFACE



CAUTION HOT SURFACE

Variant/Label Table	
Variant	Label Text
001	MCF8316C1VQRGFRQ1
002	MCT8316A1VRGFR

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.