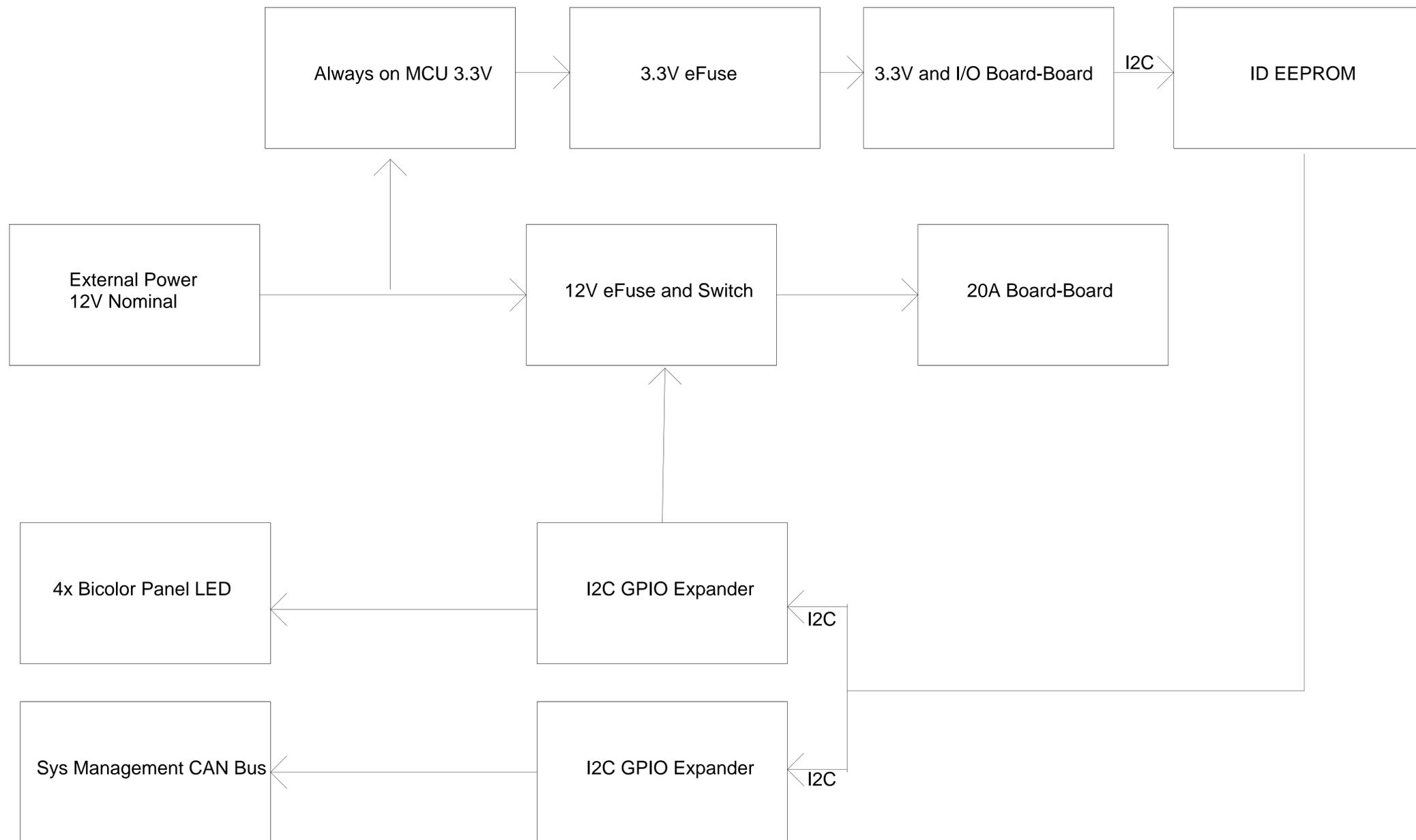


This document contains confidential and proprietary information which is the property of NI. This proprietary information is supplied to the possessor pursuant to the possessor's agreement to do the following:

1. to maintain this document in confidence;
2. not to reproduce, publish or copy it in whole or in part without written permission; and
3. not to use this document as a basis for the manufacture or sale of goods without written permission.

© COPYRIGHT 2022 NATIONAL INSTRUMENTS CORP. ALL RIGHTS RESERVED.

REVISIONS	
REV	DESCRIPTION
2	REFER TO DATABASE FOR DWG STATUS



GLOBAL FIDUCIALS	
NC_FD_1	FD1
NC_FD_2	FD2
NC_FD_3	FD3
NC_FD_4	FD4
NC_FD_5	FD5
NC_FD_6	FD6

TOOLING HOLES	
NTP_NC_1	TL1 TL.125
NTP_NC_3	TL3 TL.125
	TL4

DESIGN TEAM	
DRAWN	DATE
REVISED	DATE
CHECKED	
TECH	
ENGR	

		NI.COM AUSTIN, TEXAS	
		TITLE SCHEMATIC DIAGRAM SCH, USRP POWER AUXILIARY BOARD, 12V, 20A, MINI-FIT JR	
SIZE	CODE IDENT NO.	DRAWING NO.	REV
C	7U296	149859D-01	2
SCALE: NONE		SHEET 1 OF 2	

This document contains confidential and proprietary information which is the property of NI. This proprietary information is supplied to the possessor pursuant to the possessor's agreement to do the following:

1. to maintain this document in confidence;
2. not to reproduce, publish or copy it in whole or in part without written permission; and
3. not to use this document as a basis for the manufacture or sale of goods without written permission.

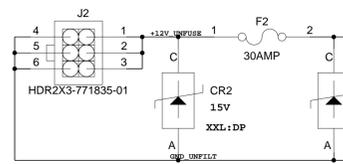
COPYRIGHT 2022

NATIONAL INSTRUMENTS CORP. ALL RIGHTS RESERVED.

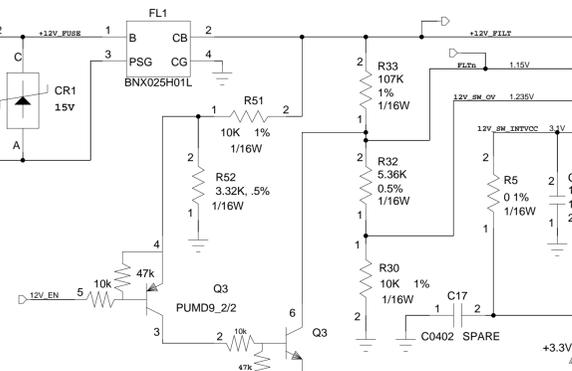
20A e-Fuse and Load Switch 1850uF Load without Derating

Samtec 20A Power Blade

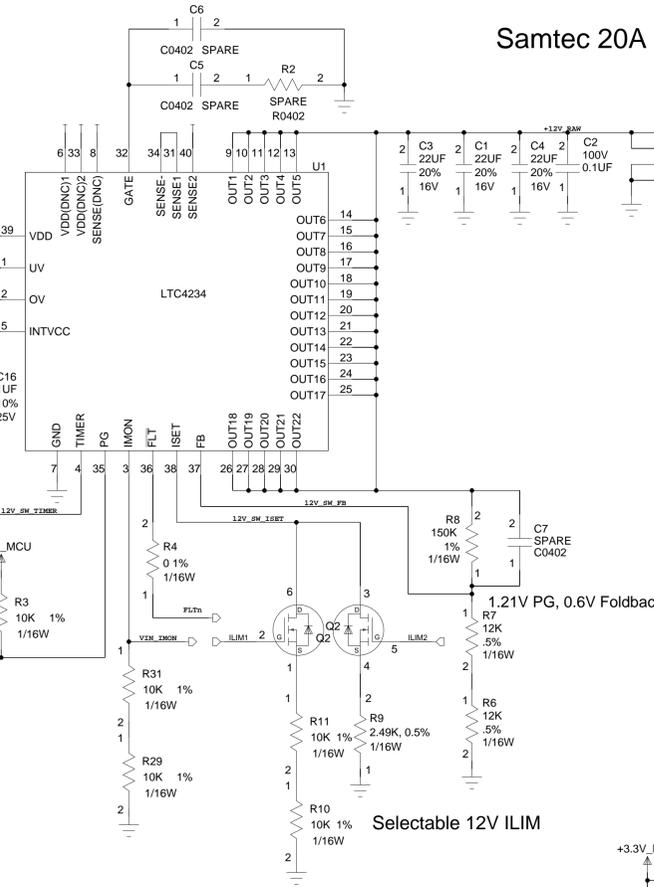
2x3 Mini-Fit Jr 12V Input ATX/PCIe Compatible



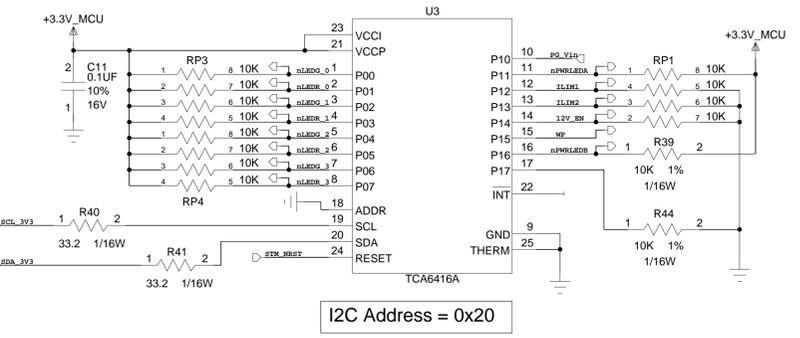
20A CM+Diff Filter



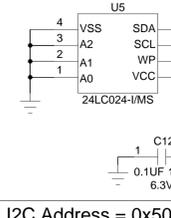
9.5V to 15V Window



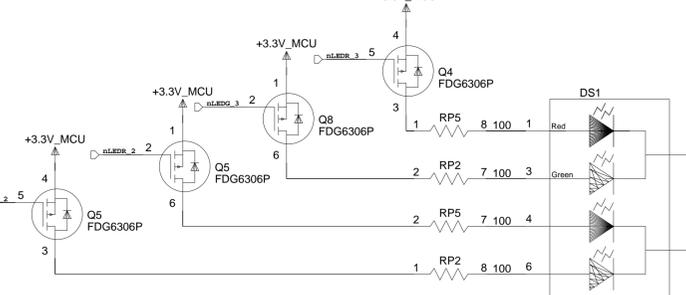
Non-CAN GPIO



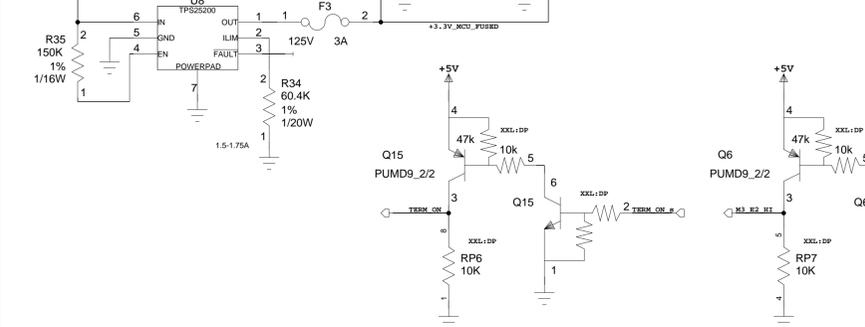
ID EEPROM



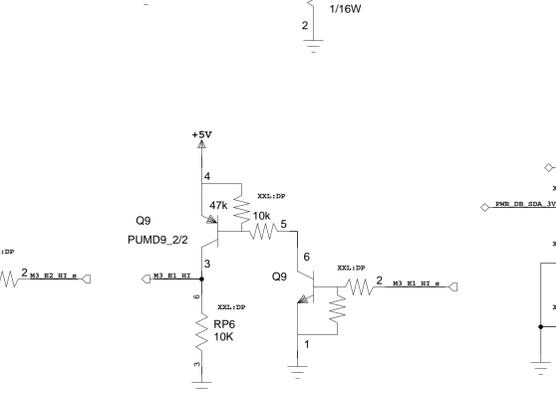
Back Panel Indicator LEDs



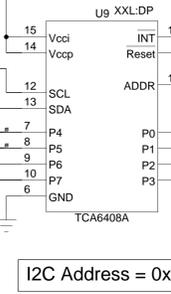
Interface to Motherboard



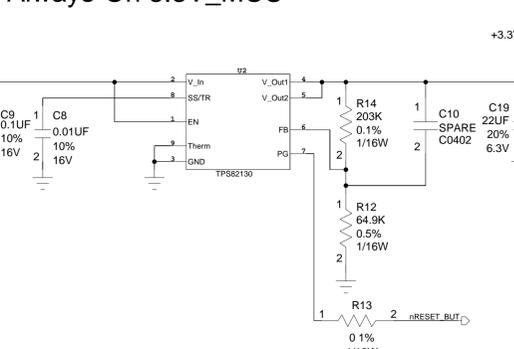
Selectable 12V ILIM



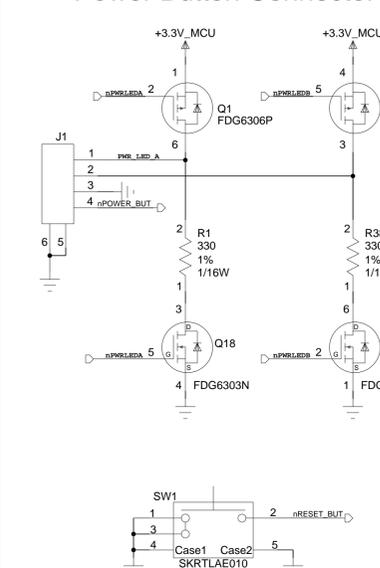
CAN GPIO



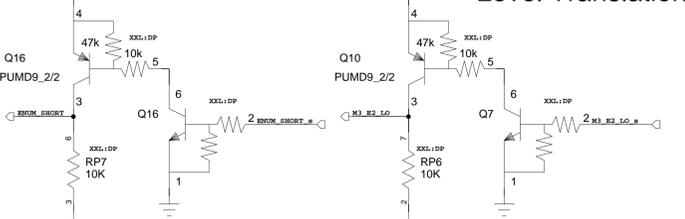
Always-On 3.3V_MCU



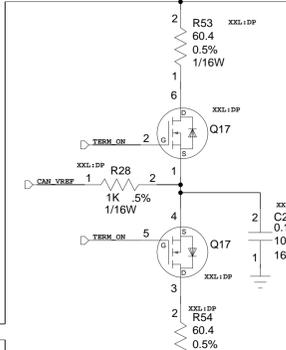
Power Button Connector



Level Translation



Selectable Termination



Back Panel Reset Button



Power Daughtercard			
USRP POWER AUX BOARD, 12V			
SIZE	CODE IDENT NO.	DRAWING NO.	REV
C	7U296	149859D-01	2
SCALE: NONE			SHEET 2 OF 2