

1		2		3		4		5		6		7		8			
Index		01_Revision_History.SchDoc										Revision History					
												Rev.	Rel.	Date	Author	Description	Page(s)
A	01	Cover Sheet / Revision History															
	02	Top Level															
	03																
	04																
	05																
	06																
	07																
	08																
	09																
	10																
B																	
C																	
D																	

infineon

Infineon Technologies AG

IFAG DES SDF SCS EPE

Am Campeon 1-12 - 85579 Neubiberg - Germany

09/2021

Link to Top Level Document

02 Top Level
02_Top_Level.SchDoc

LEGAL DISCLAIMER

THE INFORMATION GIVEN IN THIS DOCUMENT IS GIVEN FOR ILLUSTRATING PURPOSES ONLY. THE RECIPIENT OF THIS DOCUMENT MUST VERIFY ANY FUNCTION DESCRIBED HEREIN IN THE REAL APPLICATION. INFINEON TECHNOLOGIES HEREBY DISCLAIMS ANY AND ALL WARRANTIES AND LIABILITIES OF ANY KIND (INCLUDING WITHOUT LIMITATION WARRANTIES OF NON-INFRINGEMENT OF INTELLECTUAL PROPERTY RIGHTS OF ANY THIRD PARTY) WITH RESPECT TO ANY AND ALL INFORMATION GIVEN IN THIS DOCUMENT.

infineon

Infineon Technologies AG

IFAG DES SDF SCS EPE

Am Campeon 1-12 - 85579 Neubiberg - Germany

Title

Learning Platform for Switching Regulators

Variant

[No Variations]

Approved

<Appr.>

Size:

A3

Document Name

01_Revision_History.SchDoc

Rel.

Adrian Keil

Rev.

V1.2

Author:

Adrian Keil

Date:

04.10.2021

Time:

12:22:36

SVN Revision:

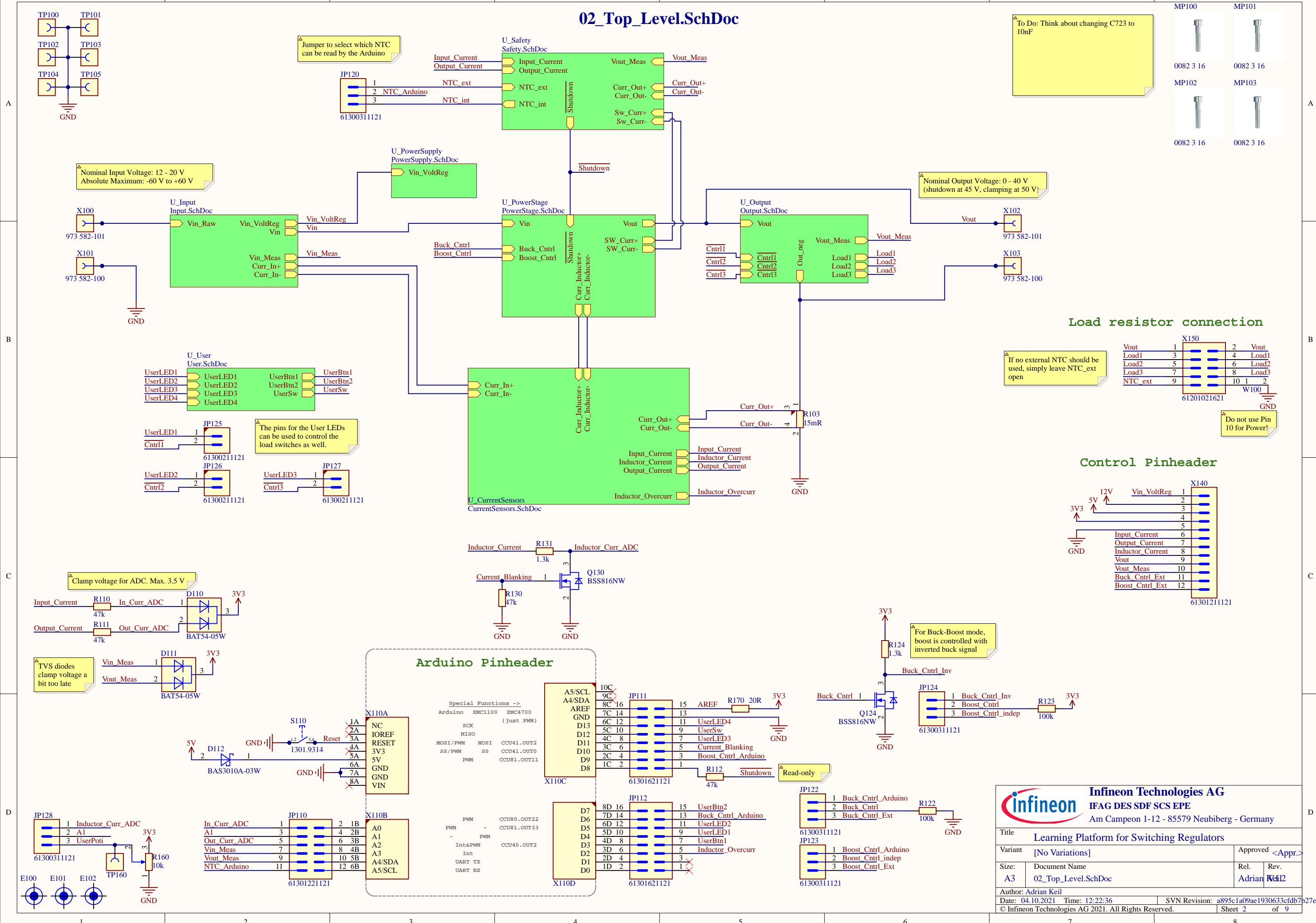
© Infineon Technologies AG 2021. All Rights Reserved.

Sheet

1

of

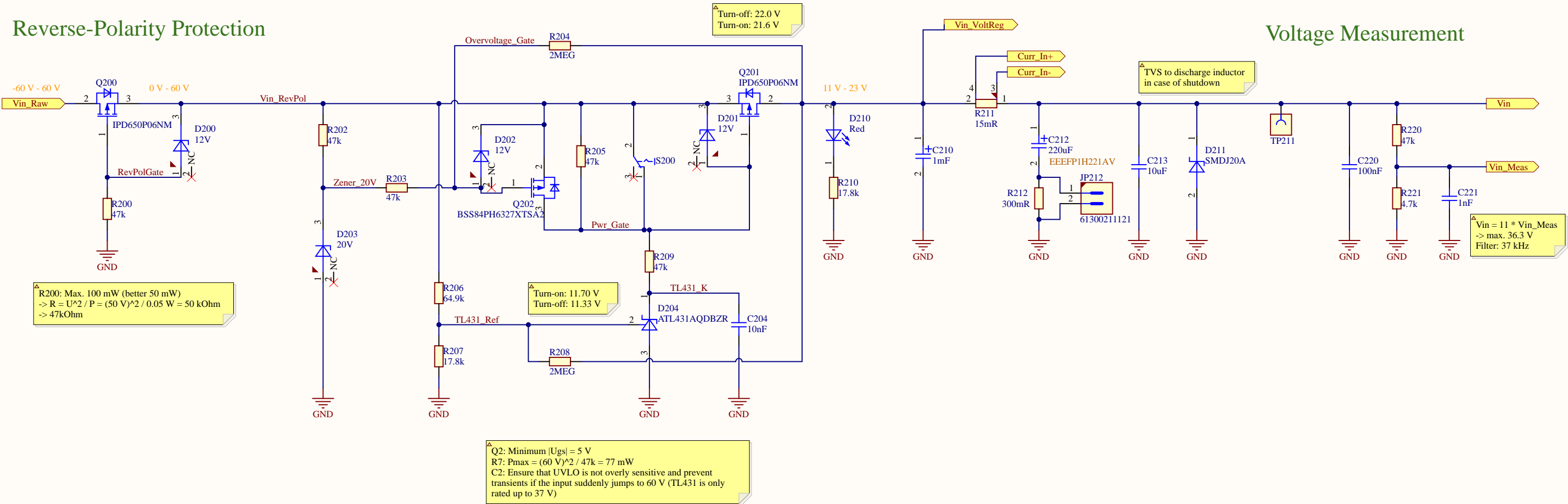
9



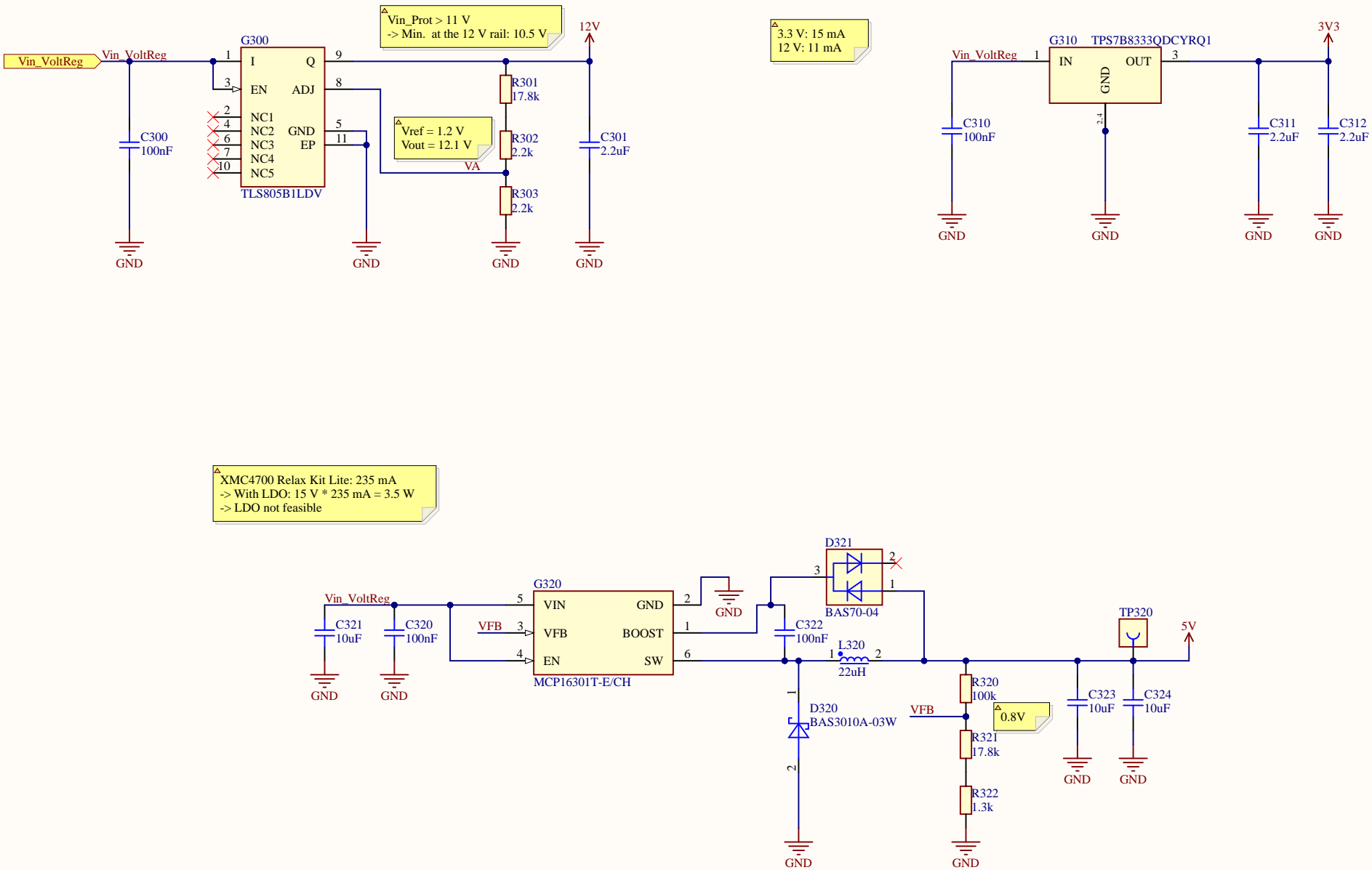
Over-Voltage Protection and UVLO

Reverse-Polarity Protection

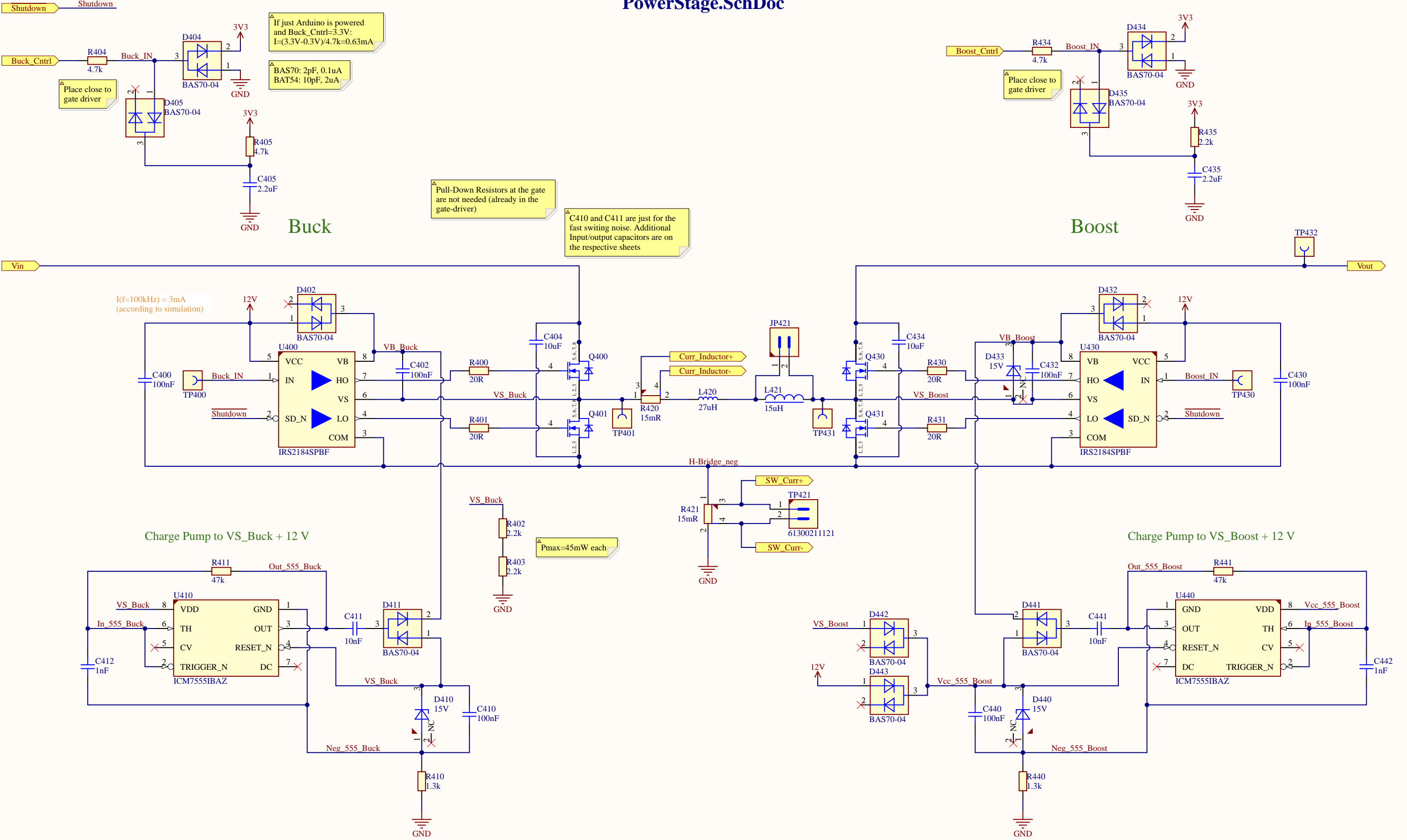
Voltage Measurement



PowerSupply.SchDoc

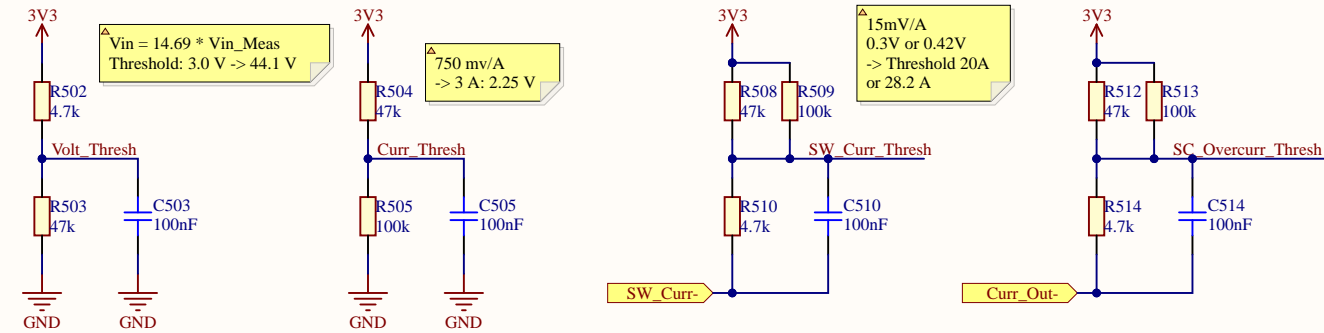


PowerStage.SchDoc



Over-Voltage and Over-Current Thesholds

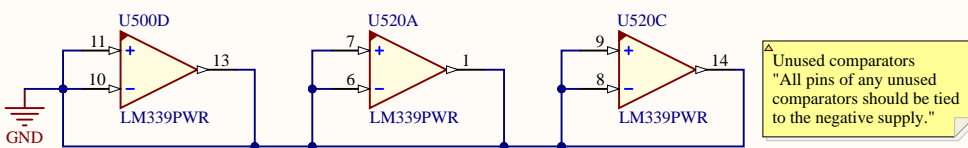
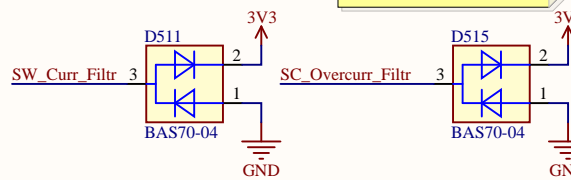
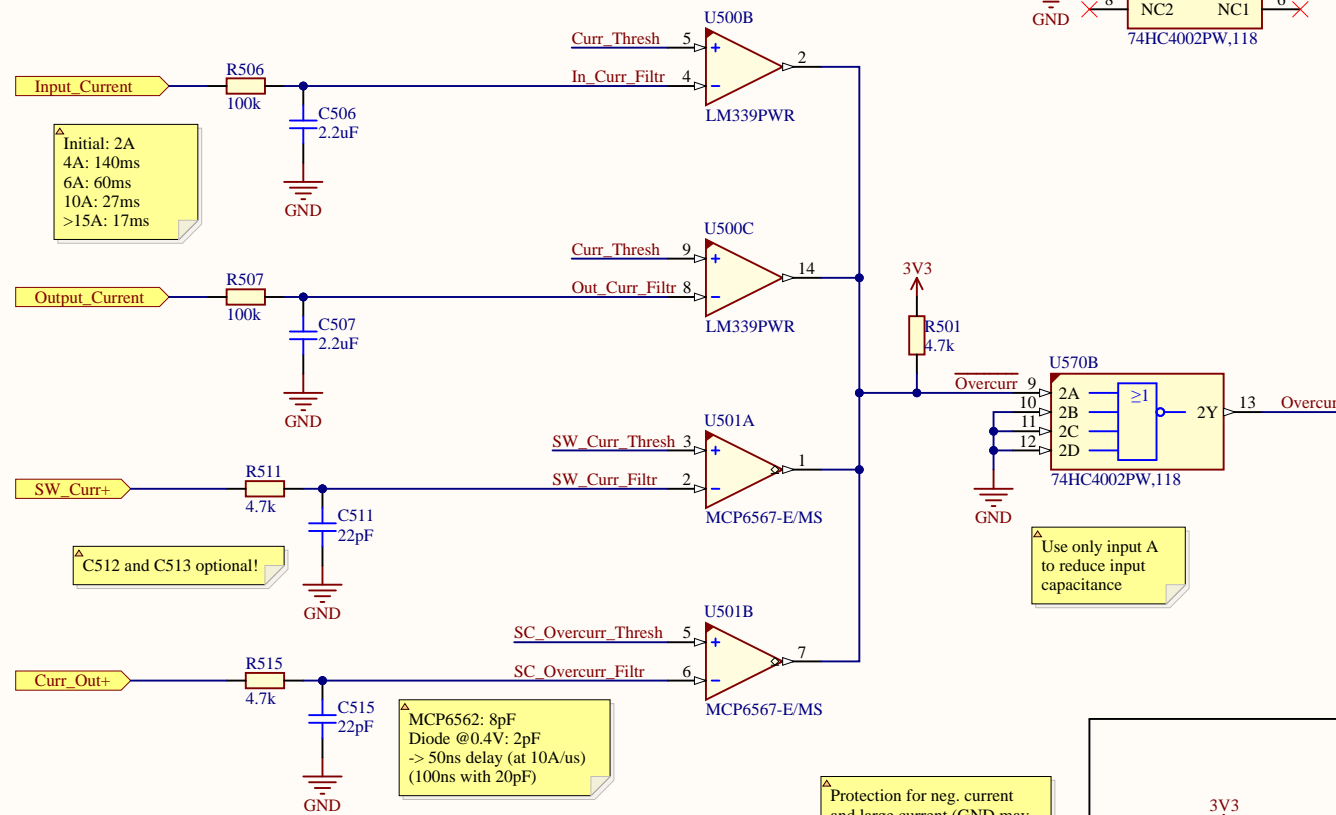
Safety.SchDoc



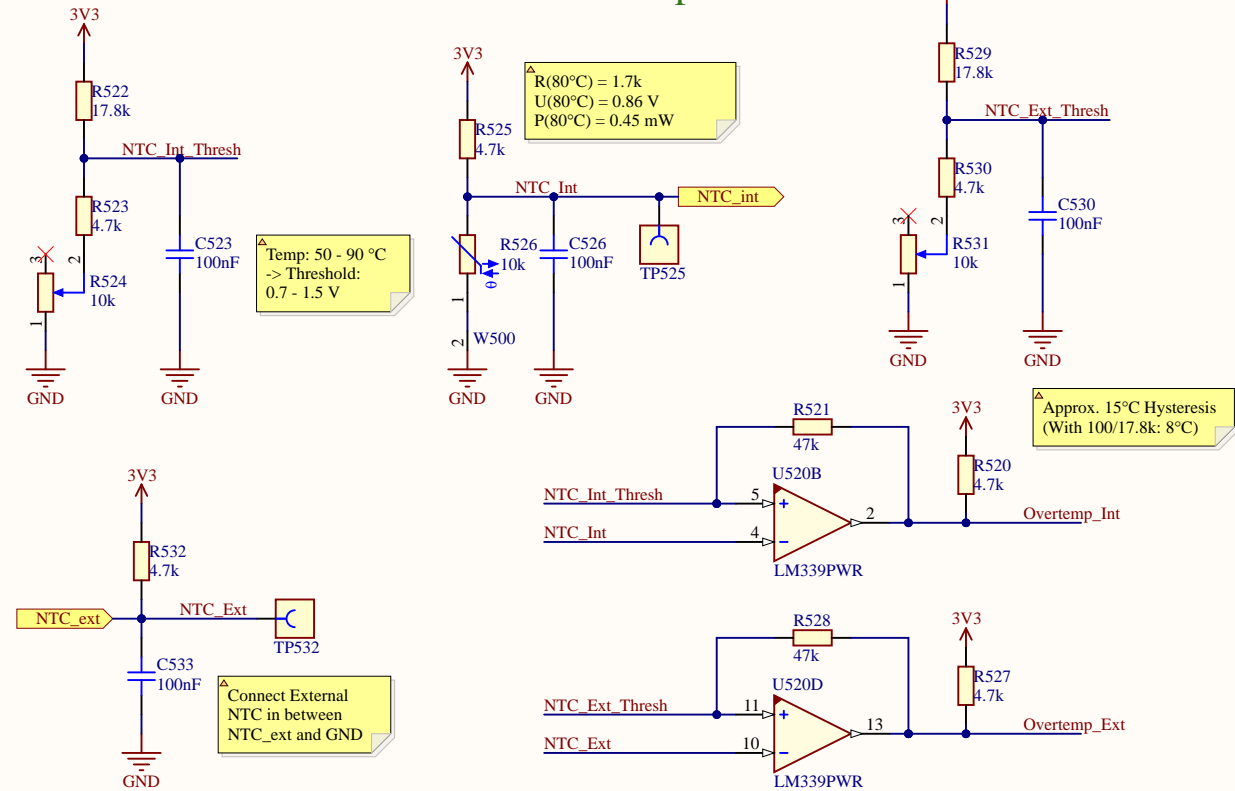
Over-Voltage



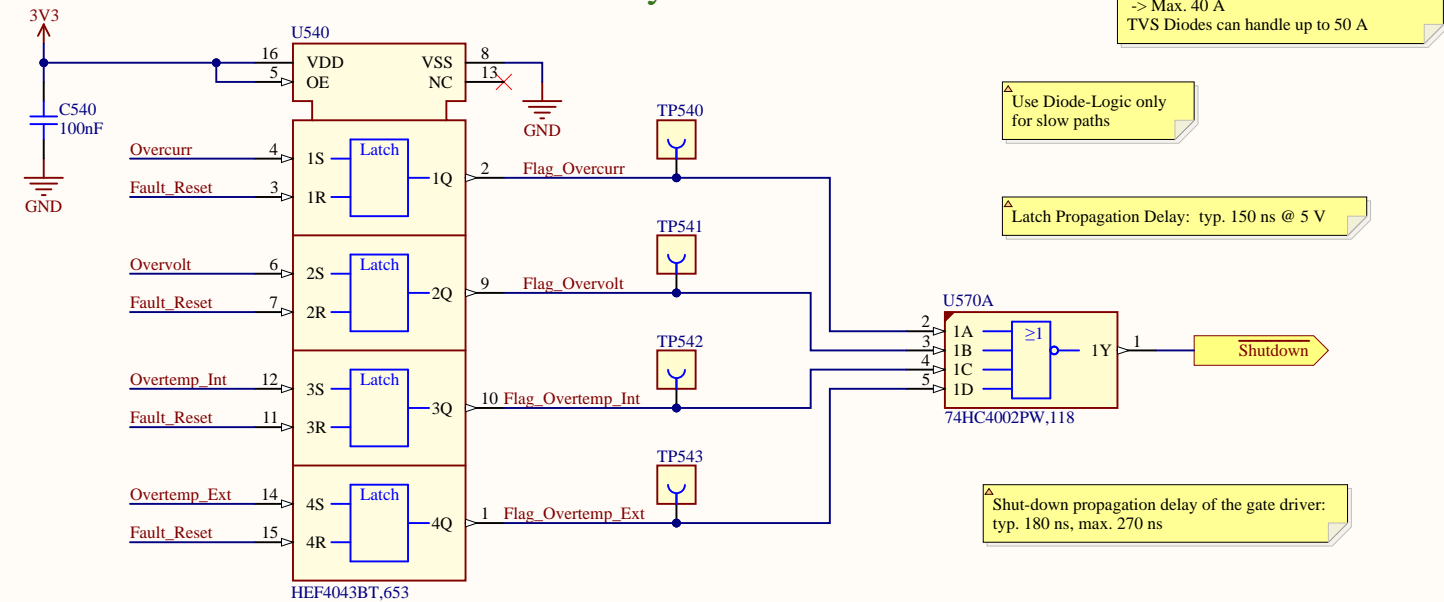
Over-Current



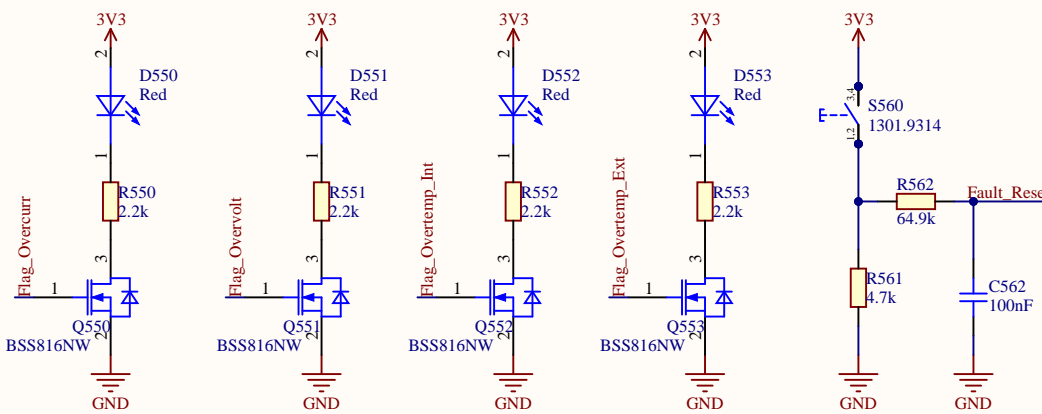
Over-Temperature




Safety-Latch

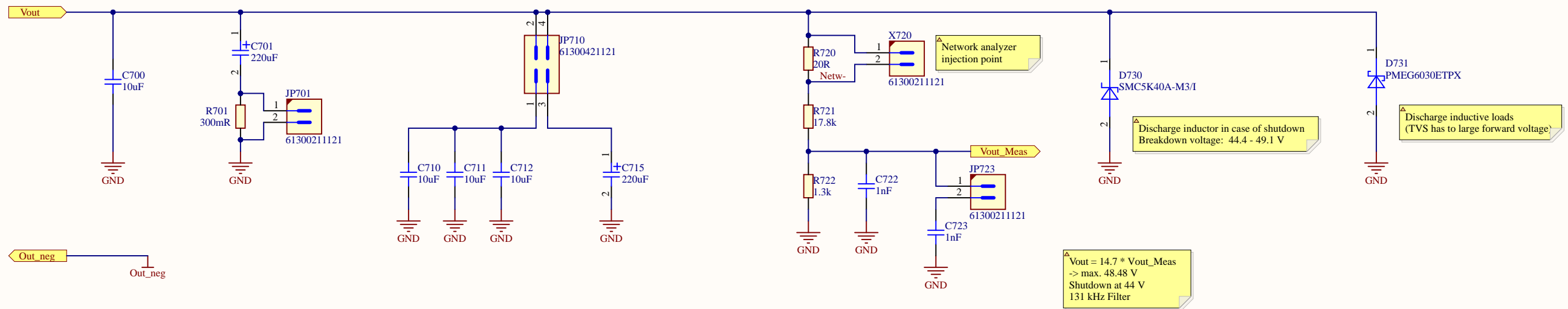


Status-LEDs and Reset

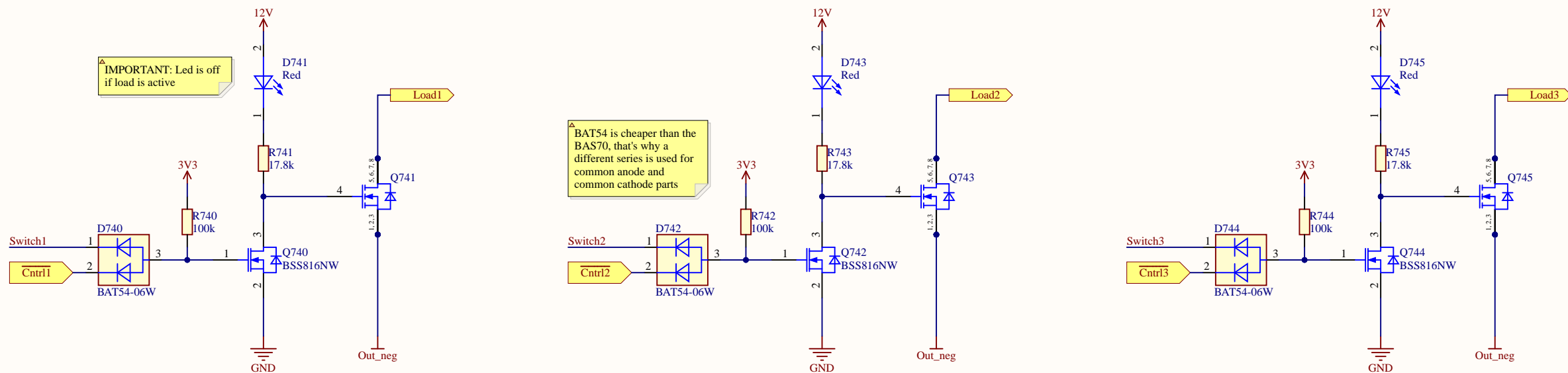


 <div>Infineon Technologies AG IFAG DES SDF SCS EPE Am Campeon 1-12 - 85579 Neubiberg - Germany</div>				
Title Learning Platform for Switching Regulators				
Variant [No Variations]			Approved <Appr.	
Size:	Document Name		Rel.	Rev.
A3	Safety.SchDoc		Adrian	Keil
Author: Adrian Keil				
Date: 04.10.2021		Time: 12:22:38		
		SVN Revision: e3fb727bd3636e309498eb33e0c2		
© Infineon Technologies AG 2021. All Rights Reserved.			Sheet 6 of 9	

Output.SchDoc



Output Stages



Output Signal Switches

