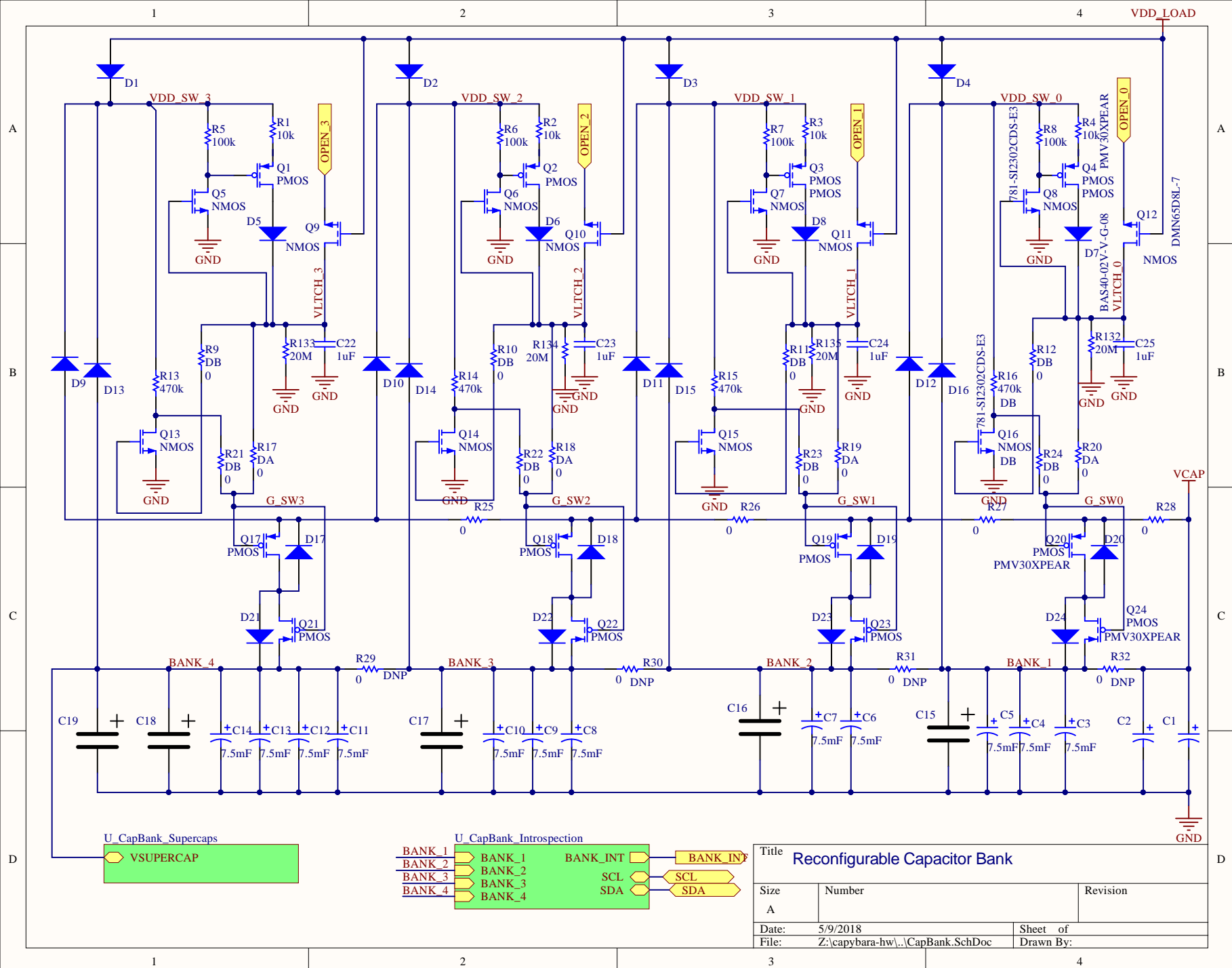


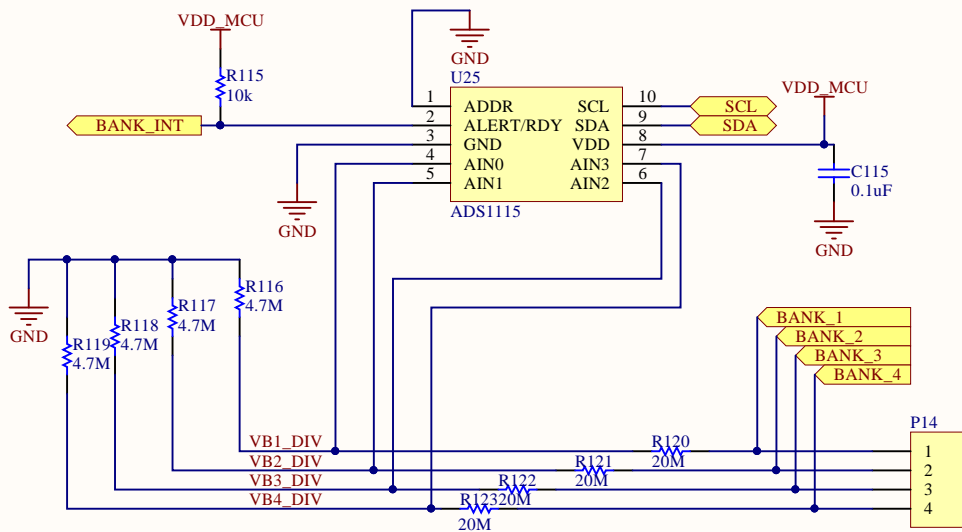
Title: **Capybara Energy-Harvesting Platform**

Designed by: A. Colin, E. Ruppel, B. Lucia

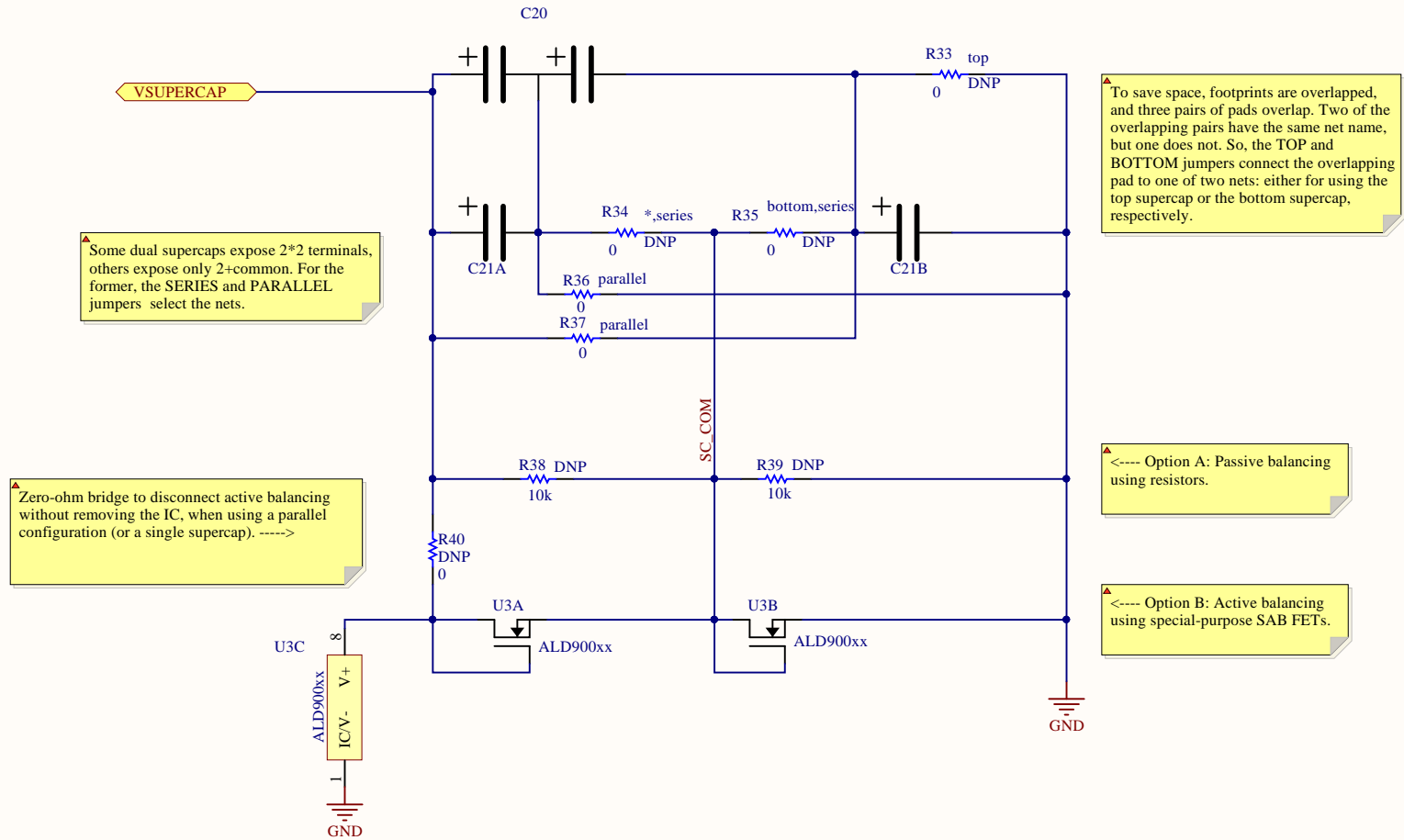
Data: 3/11/2017

Version: **Capybara v2**

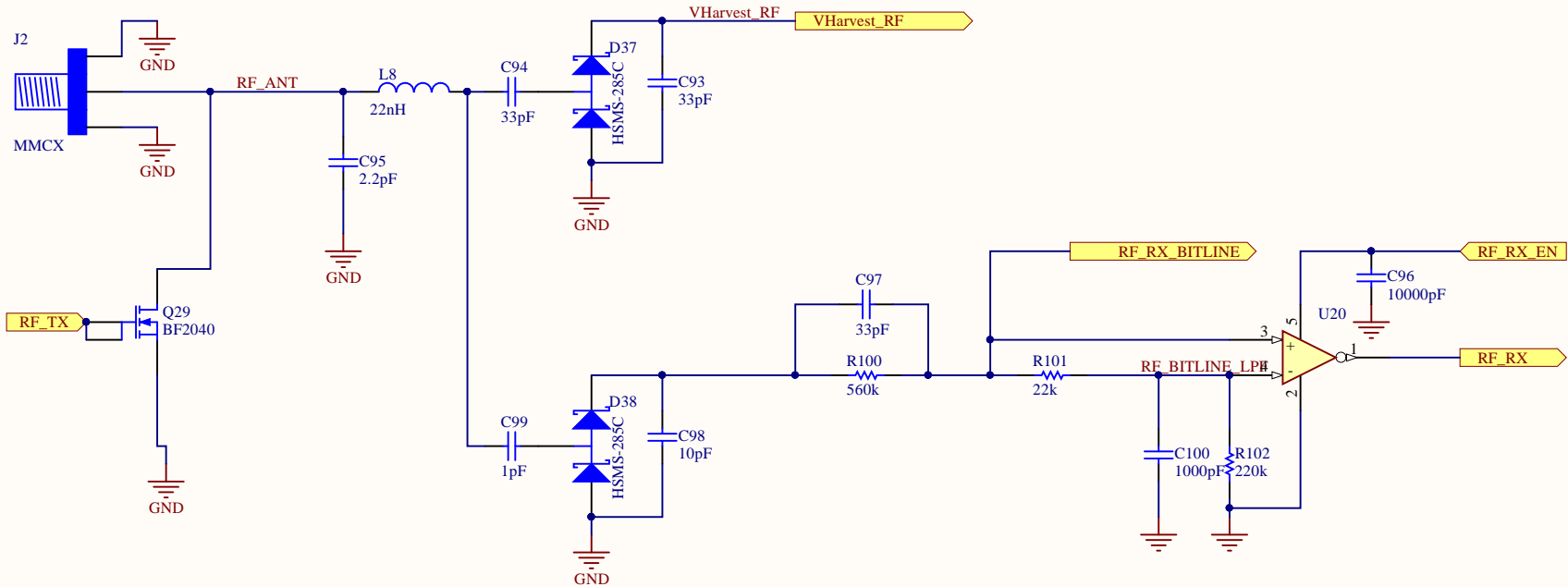




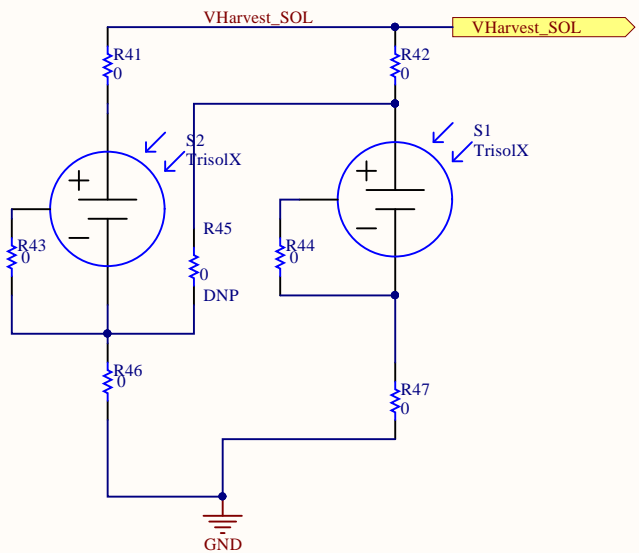
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Capacitor Bank Introspection		
Size	Number	Revision
A		2
Date:	5/9/2018	Sheet of
File:	Z:\capybara-hw\...\CapBank_Introspection.SchDoc	By:



Title		
Size	Number	Revision
A		
Date:	5/9/2018	Sheet of
File:	Z:\capybara-hw\...\CapBank_Supercaps.SchDoc	Drawn By:

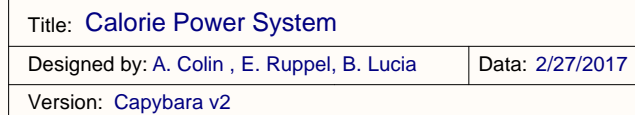


Title			
RF Energy Harvester and Backscatter Comms			
From WISP5 by A. Parks, A. Sample, et. al.			
Size	Number	Revision	
A	Capybara	2.0	
Date:	5/9/2018	Sheet	of
File:	Z:\capybara-hw\...\Harvester_RF.SchDoc	Drawn By:	



Title			
Solar Panel Energy Harvester A. Colin , E. Ruppel, B. Lucia			
Size A	Number Capybara		Revision 2.0
Date:	5/9/2018	Sheet	of
File:	Z:\capybara-hw\...\Harvester_Solar.SchDoc		
Drawn By:			

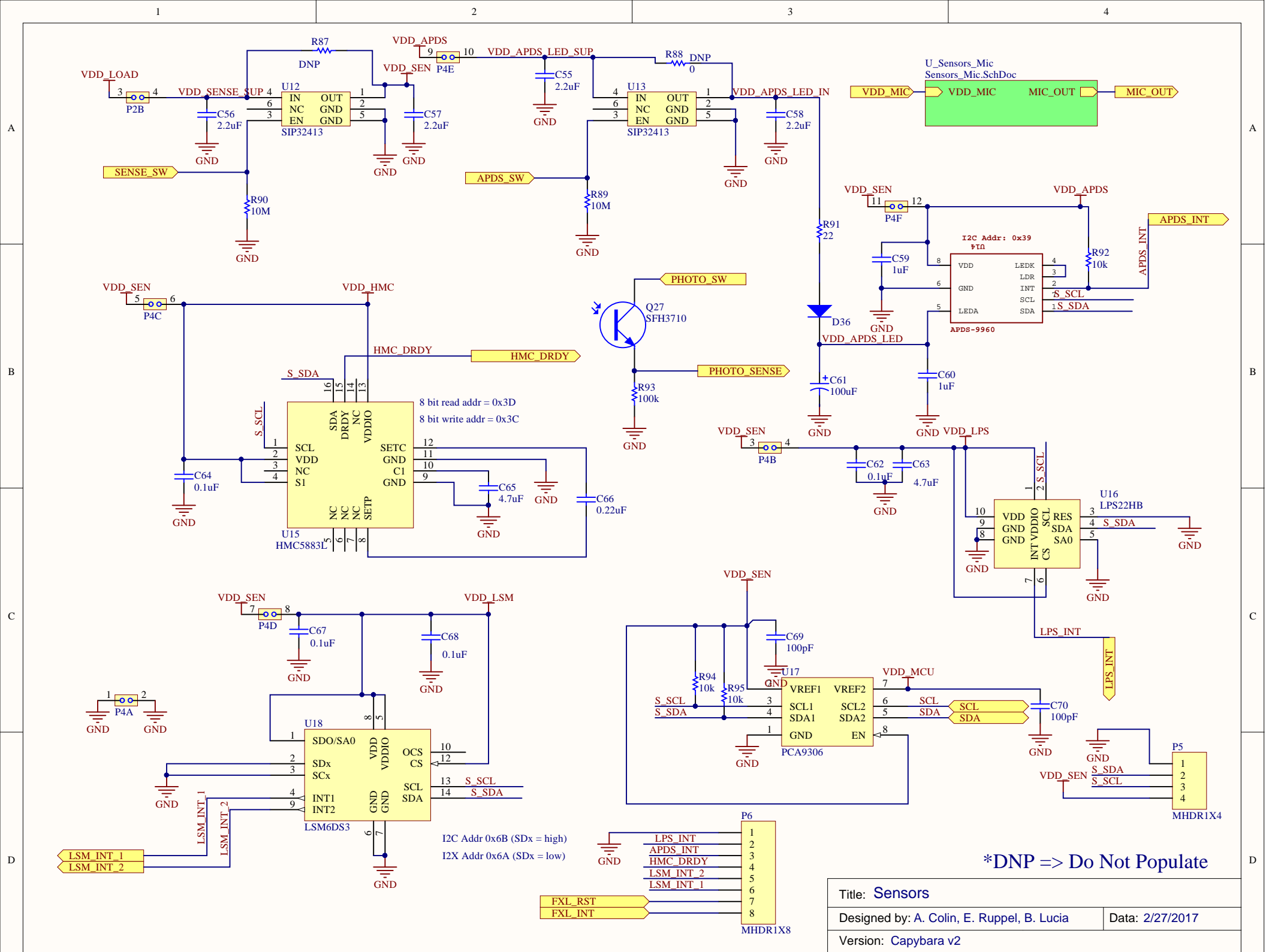










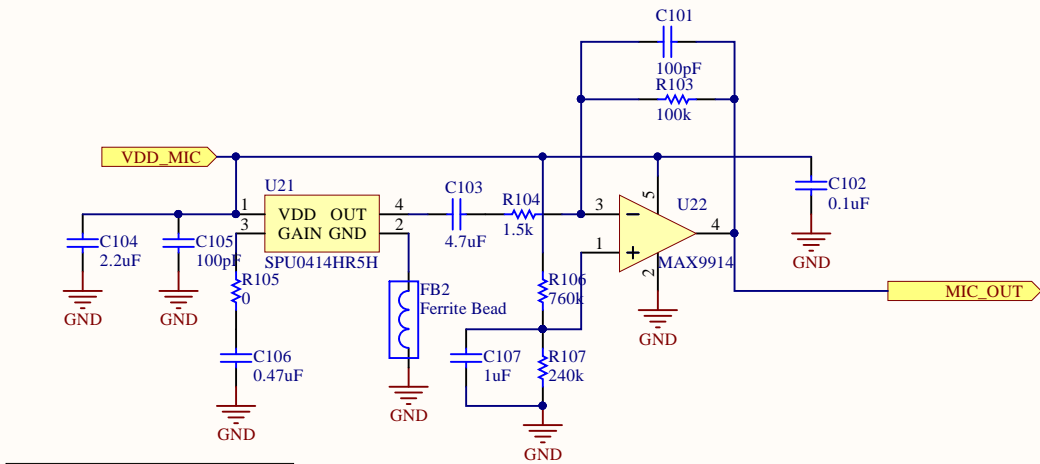


Title: **Sensors**

Designed by: A. Colin, E. Ruppel, B. Lucia

Data: 2/27/2017

Version: Capybara v2



$G = 1 + (22k / (2.4k + R105))$   
 R=0 for max gain  
 High-pass corner freq:  
 $1 / (2 * \pi * (2.4k + R105) * C106)$

Title		
Microphone		
Size	Number	Revision
A		2
Date:	5/9/2018	Sheet of
File:	Z:\capybara-hw\...\Sensors_Mic.SchDoc	Drawn By: