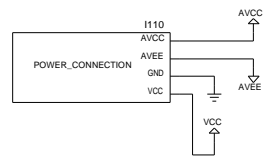
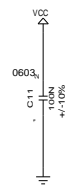
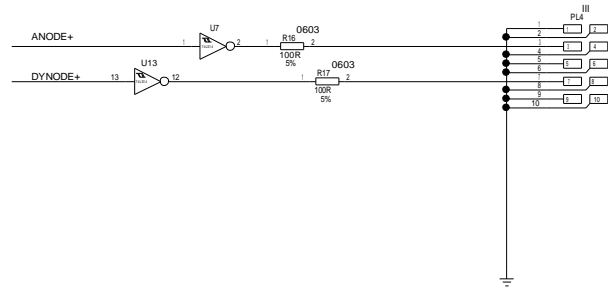


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USED ON							
UOB-HEP 20 06							
UOB-HEP <small>UNIVERSITY OF BRISTOL HIGH ENERGY PHYSICS GROUP</small> H.H.WILLS PHYSICS LAB, TYNDALL AVE, BRISTOL, BS8 1TL.							
TITLE uob_hep_pc019a_lib MODULE: pc019a_readout SUPPLIES AC STIMULUS TO PROBE-BOARD TAKES DIFFERENTIAL SIGNALS FROM PROBE-BOARD AND UMBILICAL-BOARD SYNCHRONOUSLY-RECTIFIES SIGNALS							
A 2				MODULE PAGE: 1 OF 3 OVERALL PAGE: 1 OF 27			
<small>TOTAL NO. OF SHEETS</small>							

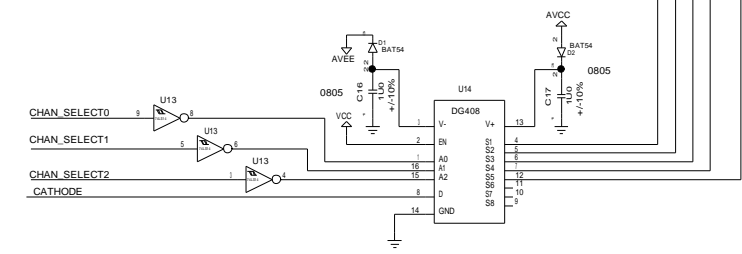
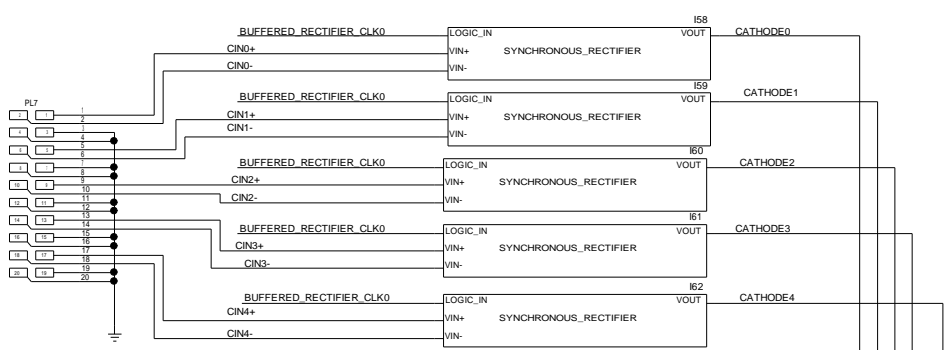
A 2 THIS DRAWING DOES NOT CONFORM TO B.S. 3939

LOGIC SIGNALS TO DRIVE THE HV SWITCH BOARD

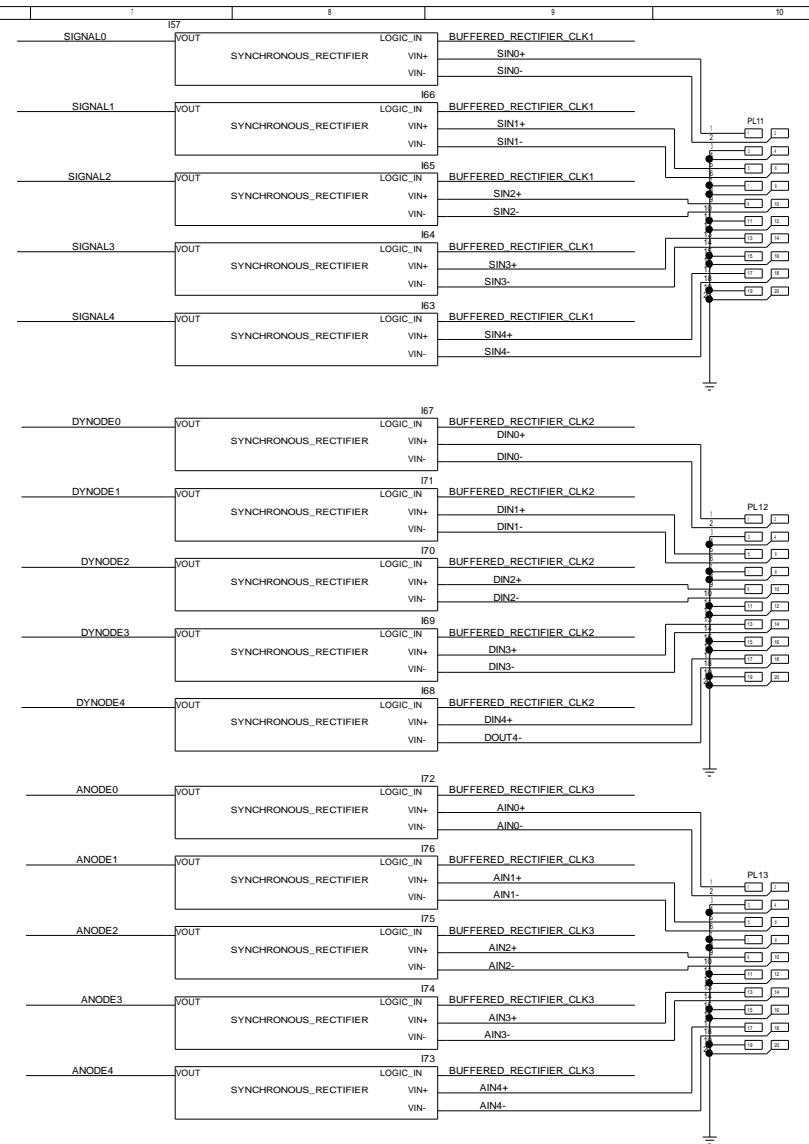
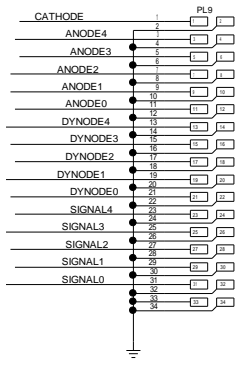
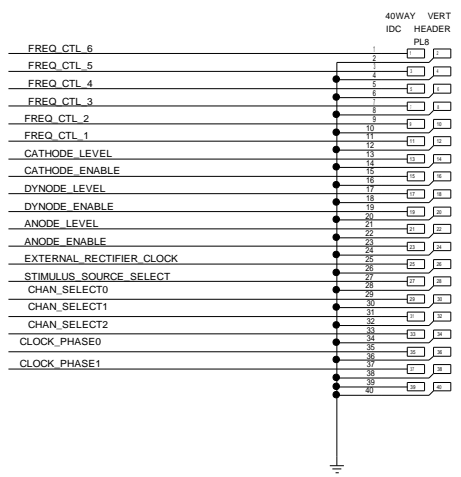


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ISSUE	DATE	MOD NO.	DRN BY:	CHKD.	APPD.	STATUS		
USED ON							© UOB-HEP 20 06	
UOB-HEP			H.H.WILLS PHYSICS LAB, TYNDALL AVE, BRISTOL, BS8 1TL.					
UNIVERSITY OF BRISTOL HIGH ENERGY PHYSICS GROUP								
TITLE: uob_hep_pc019a_lib								
MODULE: pc019a_readout								
SUPPLIES AC STIMULUS TO PROBE-BOARD TAKES DIFFERENTIAL SIGNALS FROM PROBE-BOARD AND UMBILICAL-BOARD SYNCHRONOUSLY-RECTIFIES SIGNALS								
A 2						MODULE PAGE: 2 OF 3 OVERALL PAGE: 2 OF 27		
TOTAL NO. OF SHEETS								

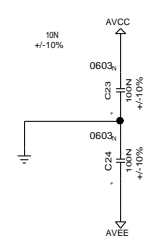
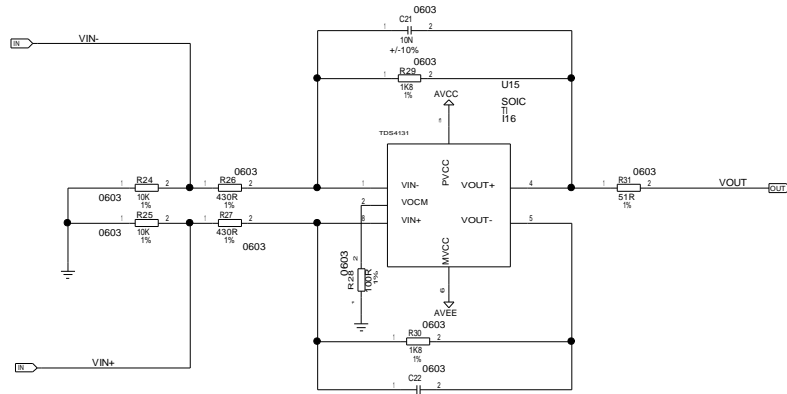
A 2 THIS DRAWING DOES NOT CONFORM TO B.S. 3939



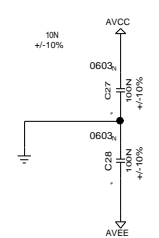
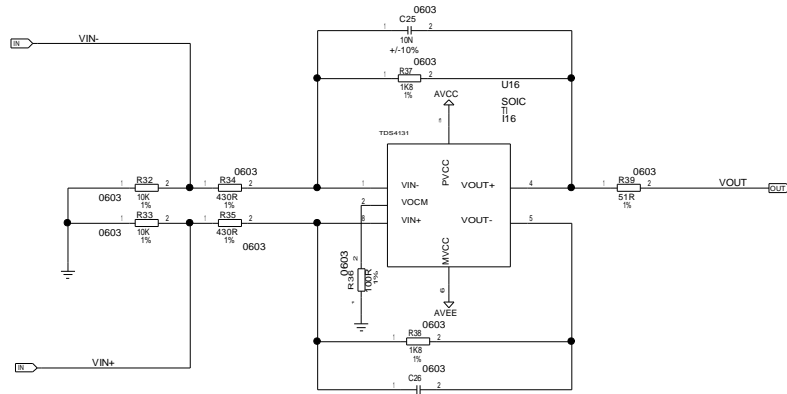
OUTPUT TO 16 CHANNEL ADC



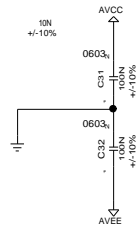
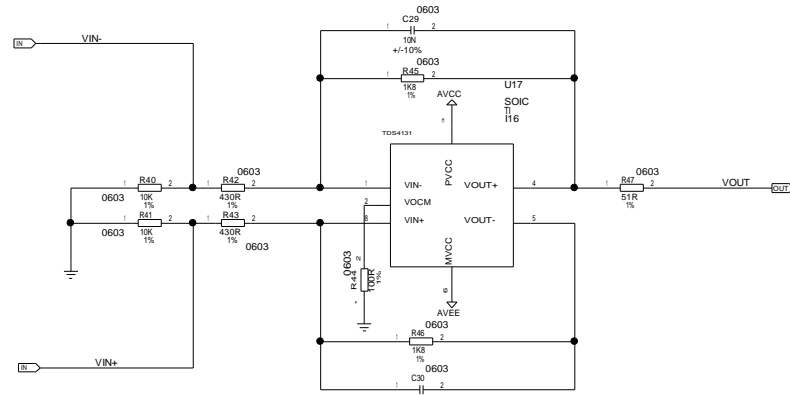
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UNIVERSITY OF BRISTOL		HIGH ENERGY PHYSICS GROUP				
TITLE uob_hep_pc019a_lib						
MODULE: pc019a_readout						
BOARD WITH SPRING PROBES						
THAT PROBES HV FILTER BOARD						
A 2			MODULE PAGE: 3 OF 3			
			OVERALL PAGE: 3 OF 27			
TOTAL NO. OF SHEETS						



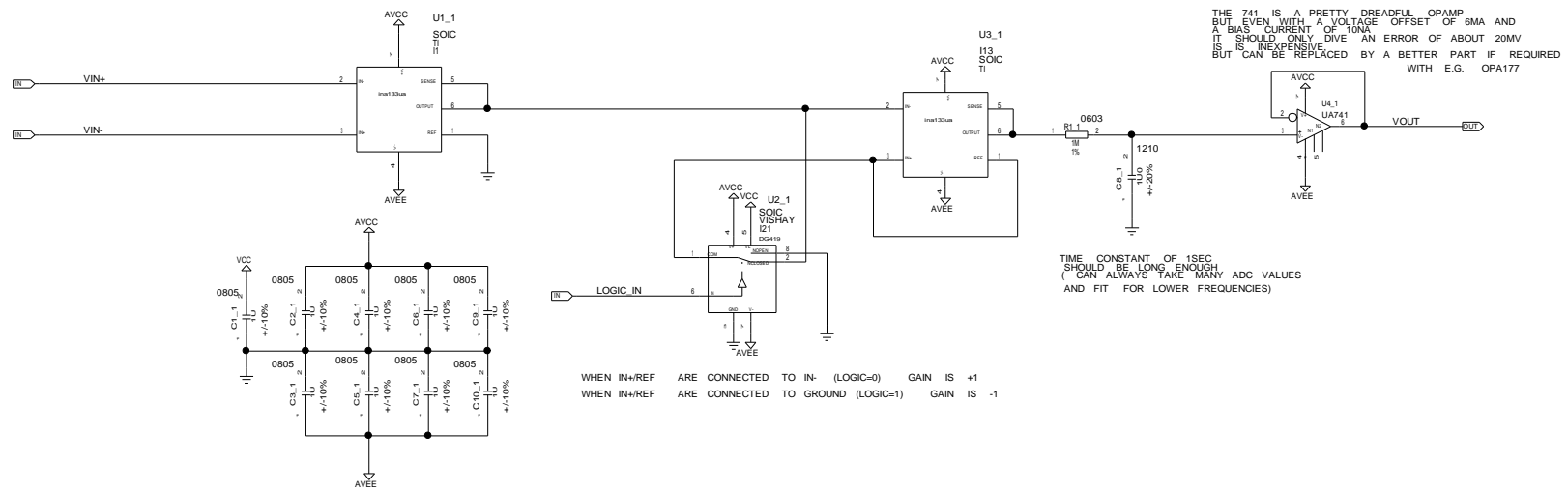
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H.H.WILLS PHYSICS LAB, TYNDALL AVE, BRISTOL, BS8 1TL.						
TITLE uob_hep_pc019a_lib						
MODULE: stimulus_driver						
TAKES TTL SIGNAL AND PROVIDES +/- 10V STIMULUS						
A 2		MODULE PAGE: 1 OF 1 OVERALL PAGE: 4 OF 27				
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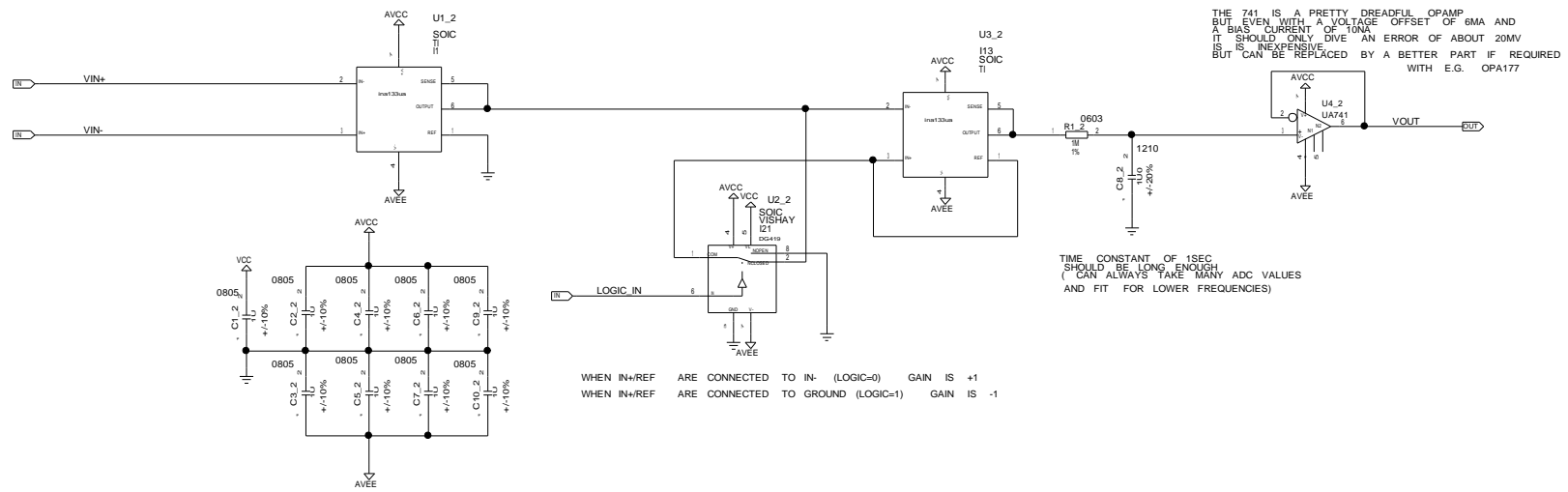
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USED ON						
UOB-HEP 20						
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H.H.WILLS PHYSICS LAB, TYNDALL AVE, BRISTOL, BS8 1TL.						
TITLE uob_hep_pc019a_lib						
MODULE: stimulus_driver						
TAKES TTL SIGNAL AND PROVIDES +/- 10V STIMULUS						
A 2		MODULE PAGE: 1 OF 1 OVERALL PAGE: 5 OF 27				
TOTAL NO. OF SHEETS						



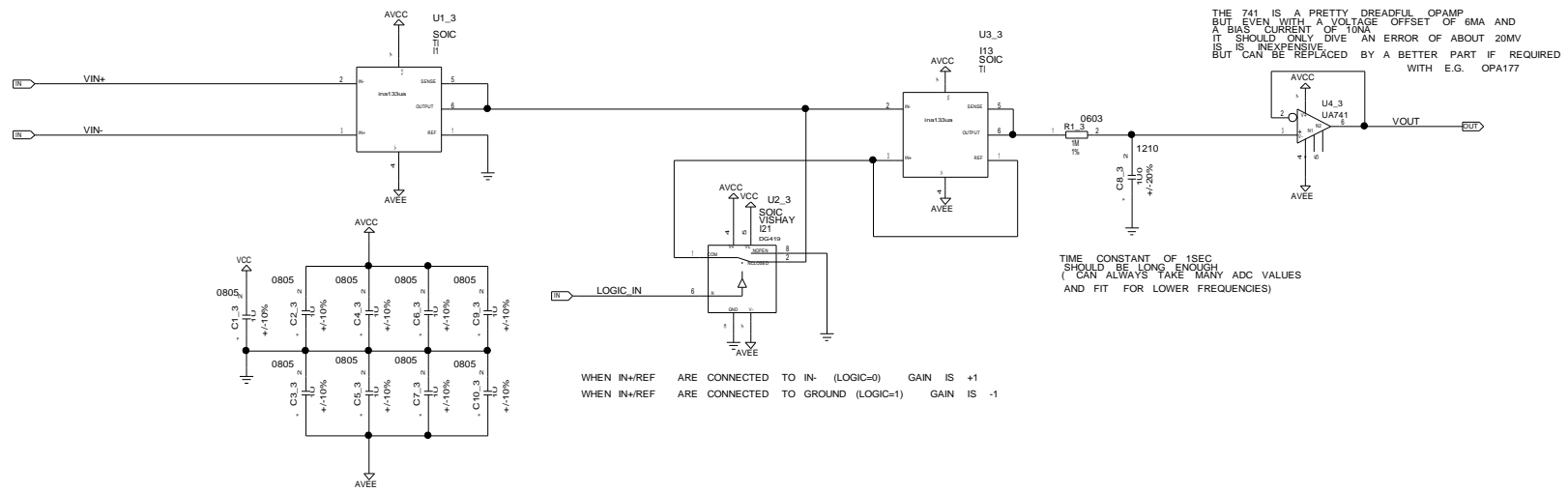
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UOB-HEP <small>UNIVERSITY OF BRISTOL HIGH ENERGY PHYSICS GROUP</small>						
H.H.WILLS PHYSICS LAB, TYNDALL AVE, BRISTOL, BS8 1TL.						
TITLE uob_hep_pc019a_lib						
MODULE: stimulus_driver						
TAKES TTL SIGNAL AND PROVIDES +/- 10V STIMULUS						
A 2		MODULE PAGE: 1 OF 1 OVERALL PAGE: 6 OF 27				
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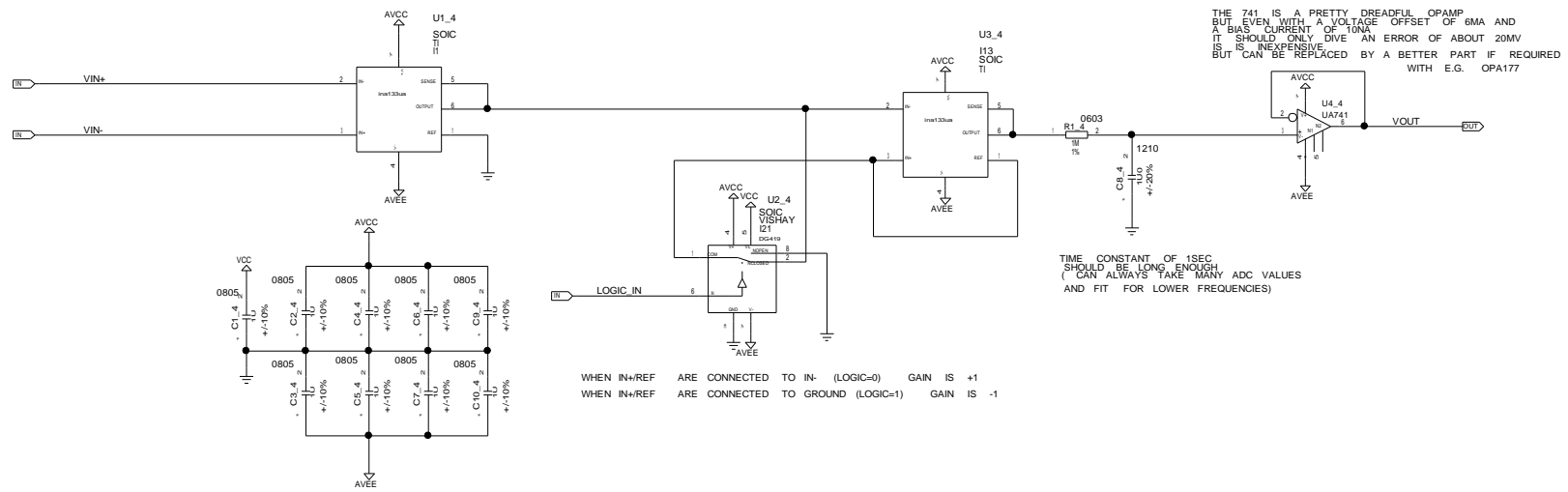
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UOB-HEP		H.H.WILLS PHYSICS LAB, TYNDALL AVE, BRISTOL, BS8 1TL.						
TITLE		uob_hep_pc019a_lib						
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A 2		MODULE PAGE: 1 OF 1 OVERALL PAGE: 7 OF 27						
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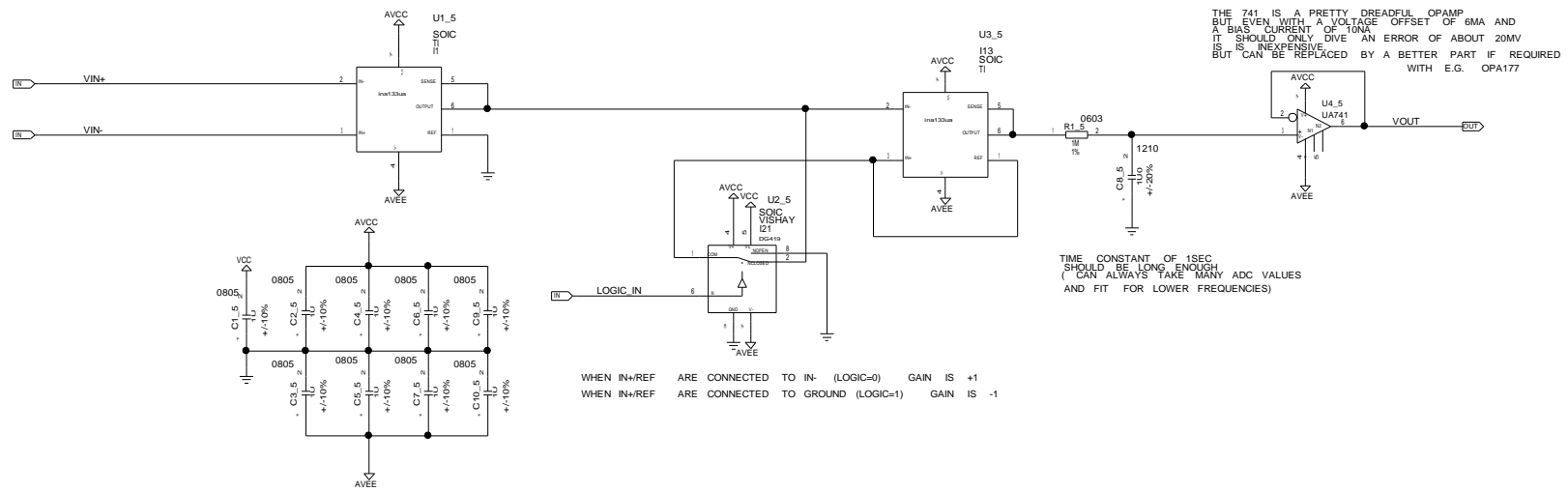
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UOB-HEP <small>UNIVERSITY OF BRISTOL HIGH ENERGY PHYSICS GROUP</small>							
H.H.WILLS PHYSICS LAB, TYNDALL AVE, BRISTOL, BS8 1TL.							
TITLE uob_hep_pc019a_lib							
MODULE: synchronous_rectifier							
A 2		MODULE PAGE: 1 OF 1 OVERALL PAGE: 8 OF 27					
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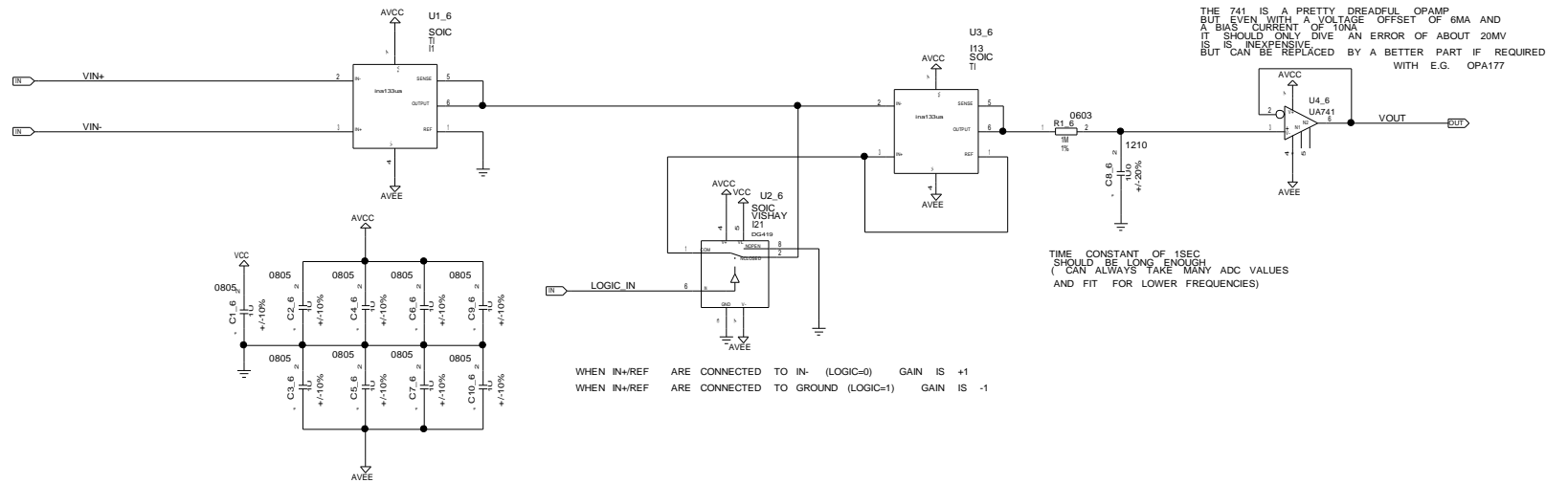
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A 2			MODULE PAGE: 1 OF 1 OVERALL PAGE: 9 OF 27					
TOTAL NO. OF SHEETS								



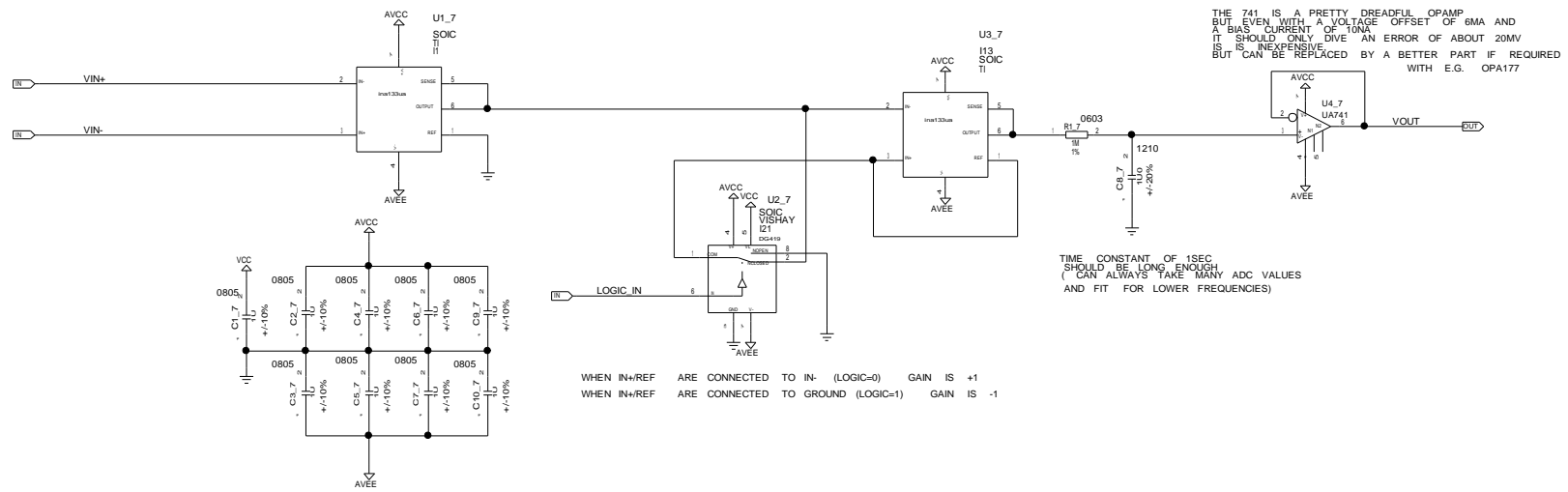
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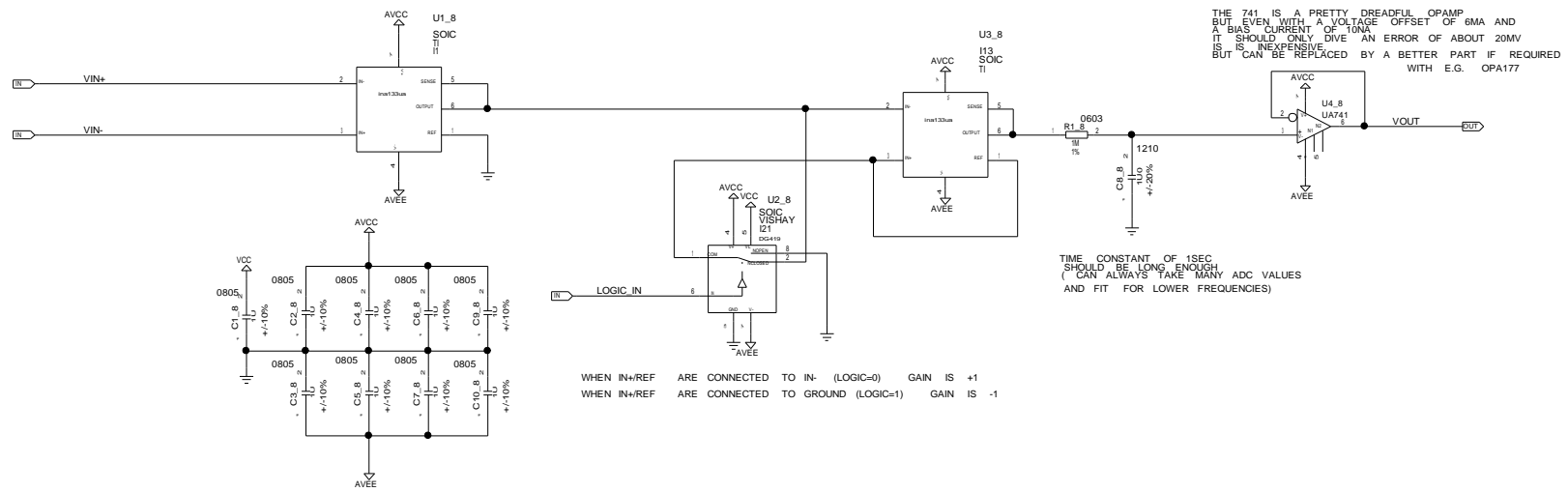
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H.H.WILLS PHYSICS LAB, TYNDALL AVE, BRISTOL, BS8 1TL.							
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MODULE: synchronous_rectifier							
A 2				MODULE PAGE: 1 OF 1 OVERALL PAGE: 11 OF 27			
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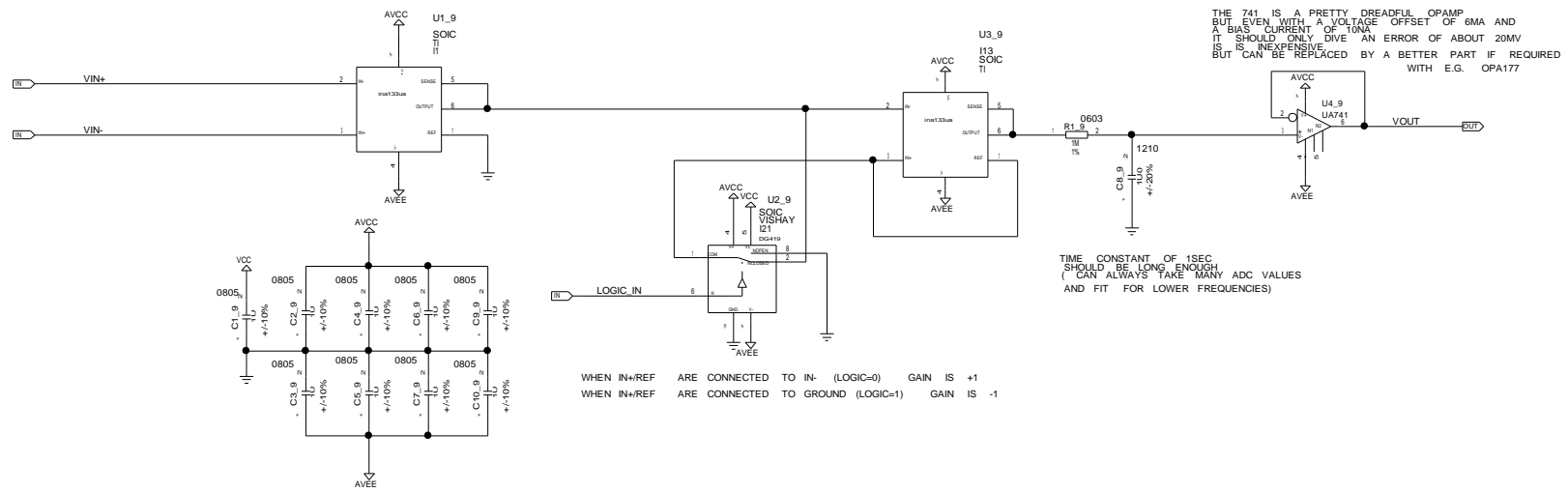
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H.H.WILLS PHYSICS LAB, TYNDALL AVE, BRISTOL, BS8 1TL.							
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A 2						MODULE PAGE: 1 OF 1 OVERALL PAGE: 12 OF 27	
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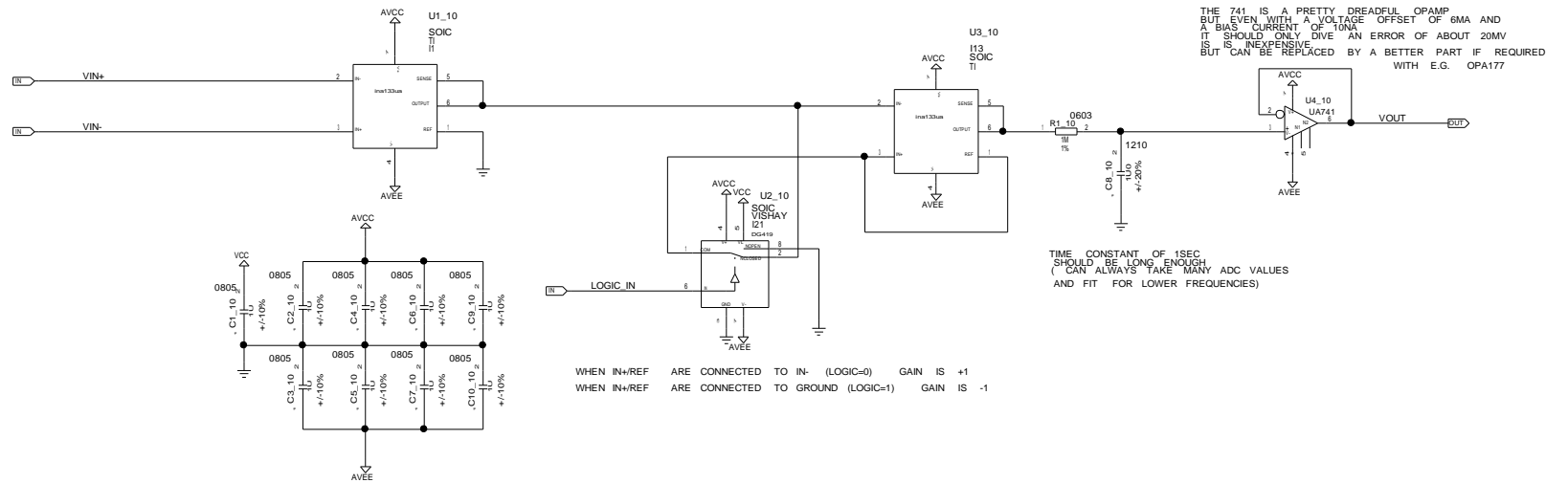
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H.H.WILLS PHYSICS LAB, TYNDALL AVE, BRISTOL, BS8 1TL.							
TITLE uob_hep_pc019a_lib MODULE: synchronous_rectifier							
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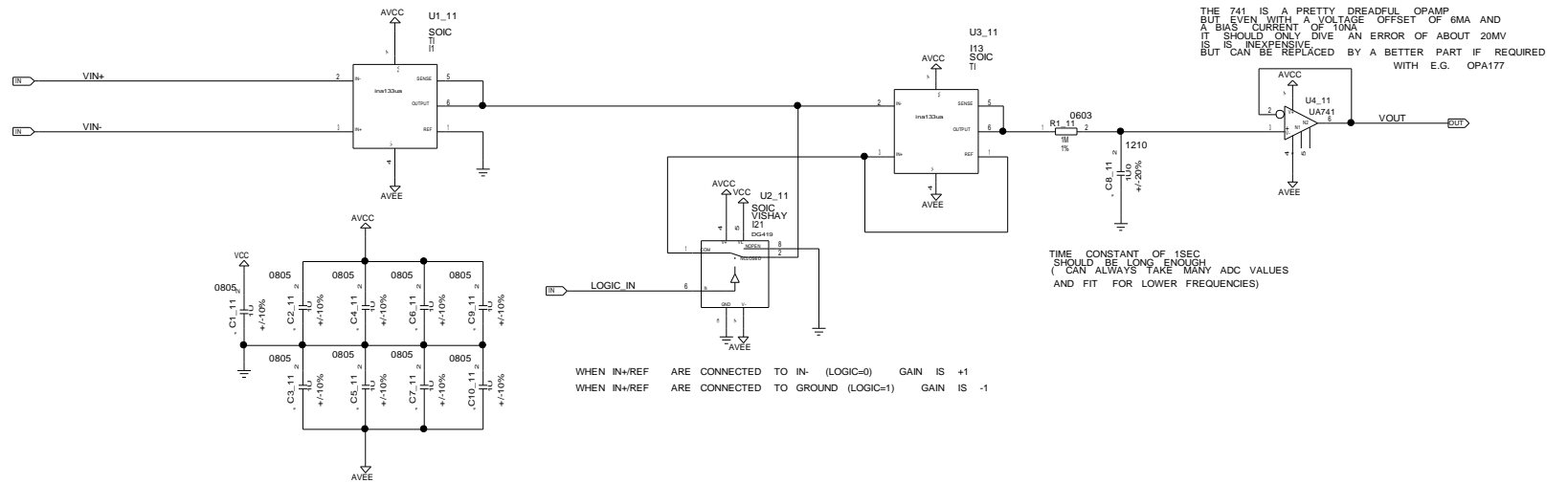
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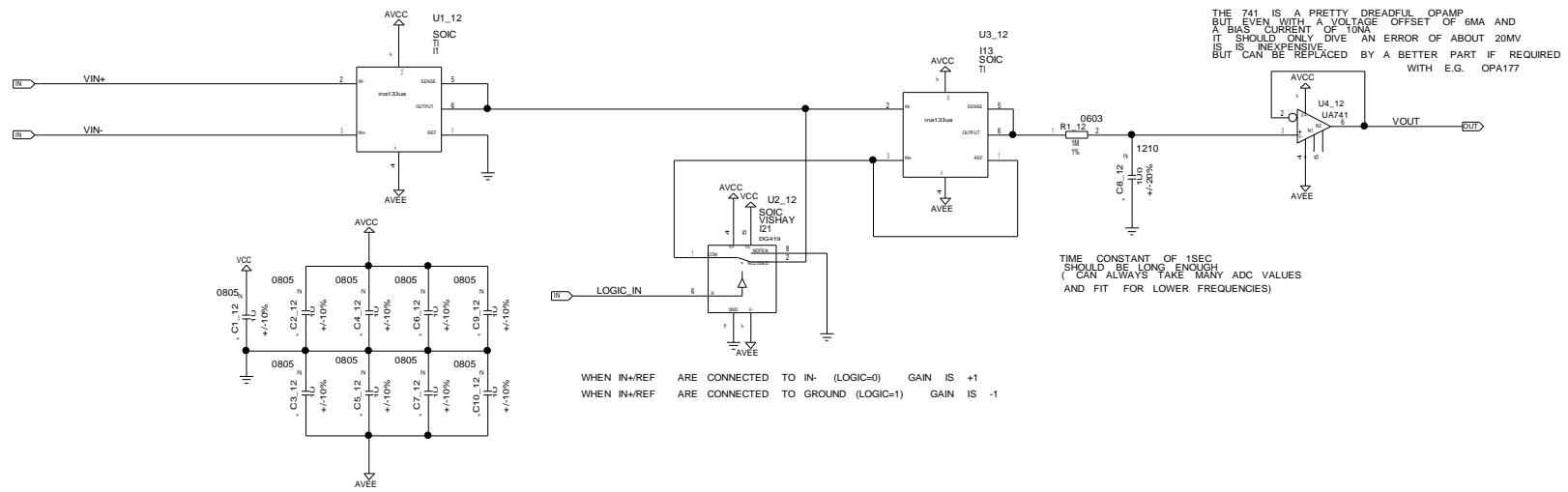
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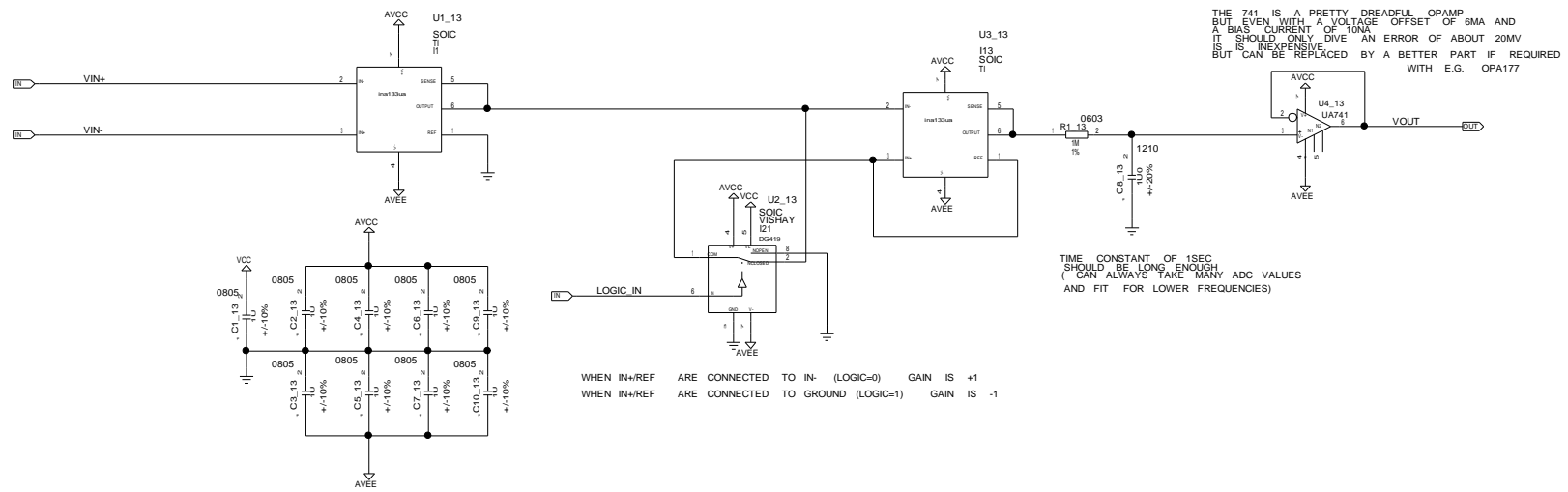
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TITLE		uob_hep_pc019a_lib							
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A 2		MODULE PAGE: 1 OF 1						OVERALL PAGE: 16 OF 27	
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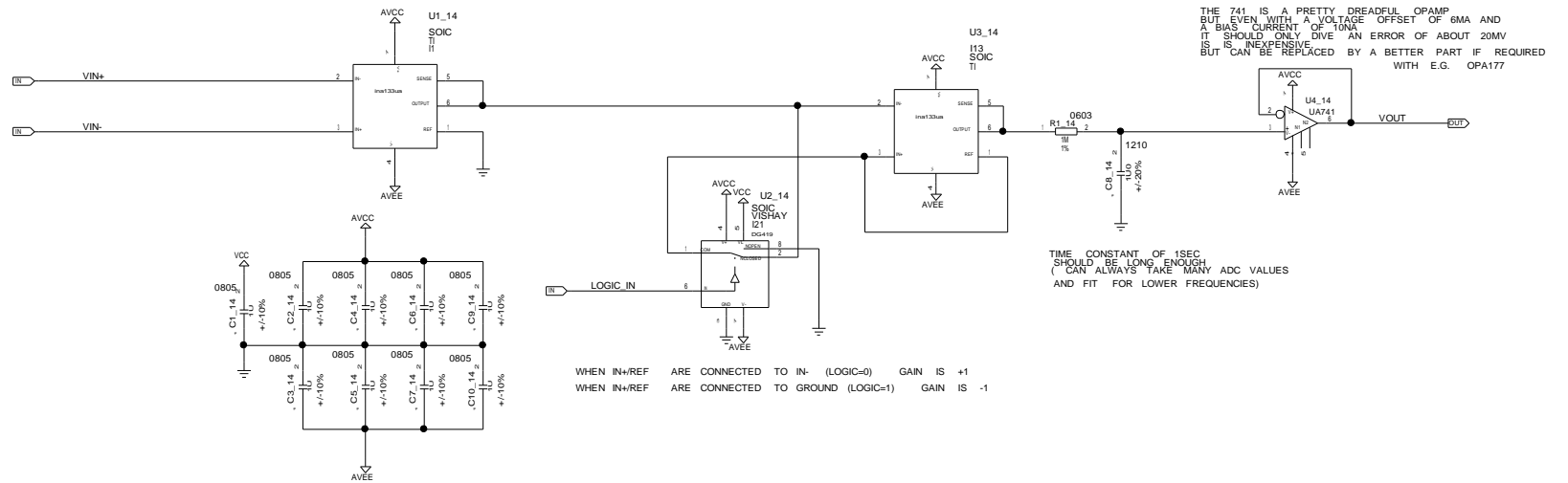
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H.H.WILLS		PHYSICS LAB, TYNDALL AVE, BRISTOL, BS8 1TL.					
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TOTAL NO. OF SHEETS							



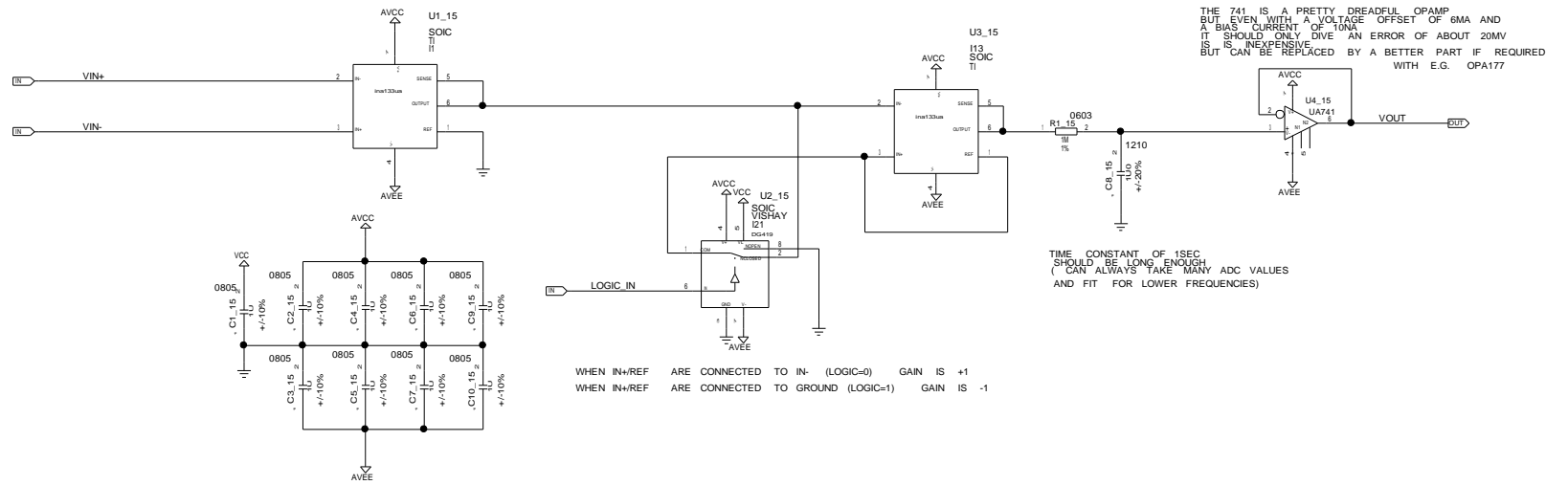
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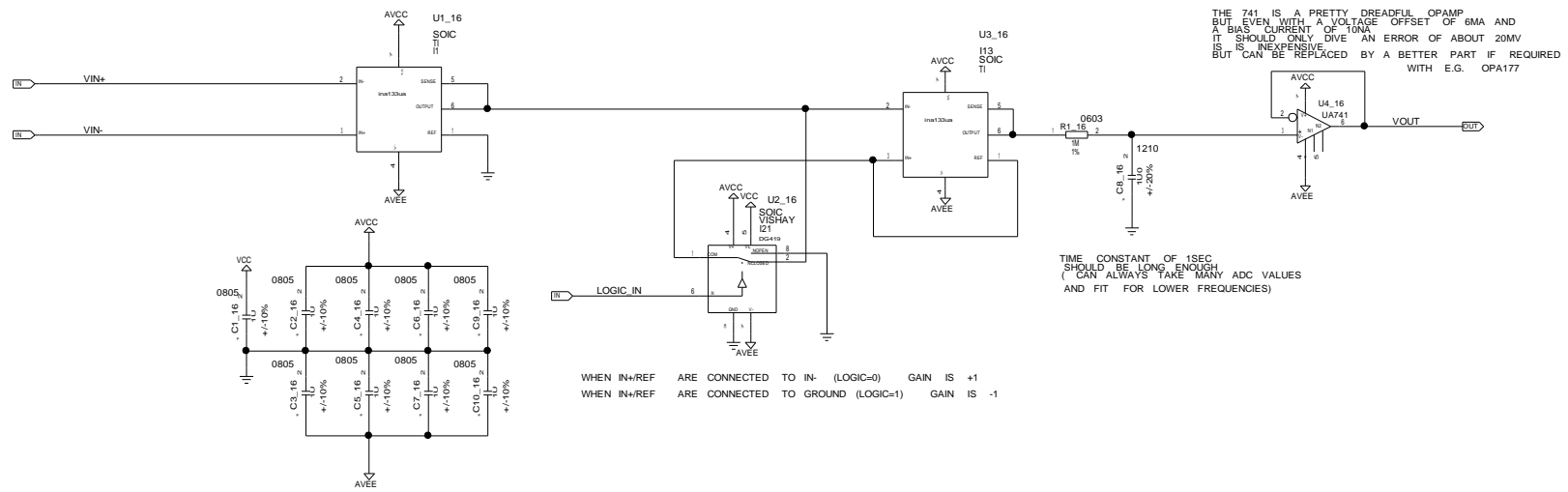
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TITLE		uob_hep_pc019a_lib					
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TOTAL NO. OF SHEETS							



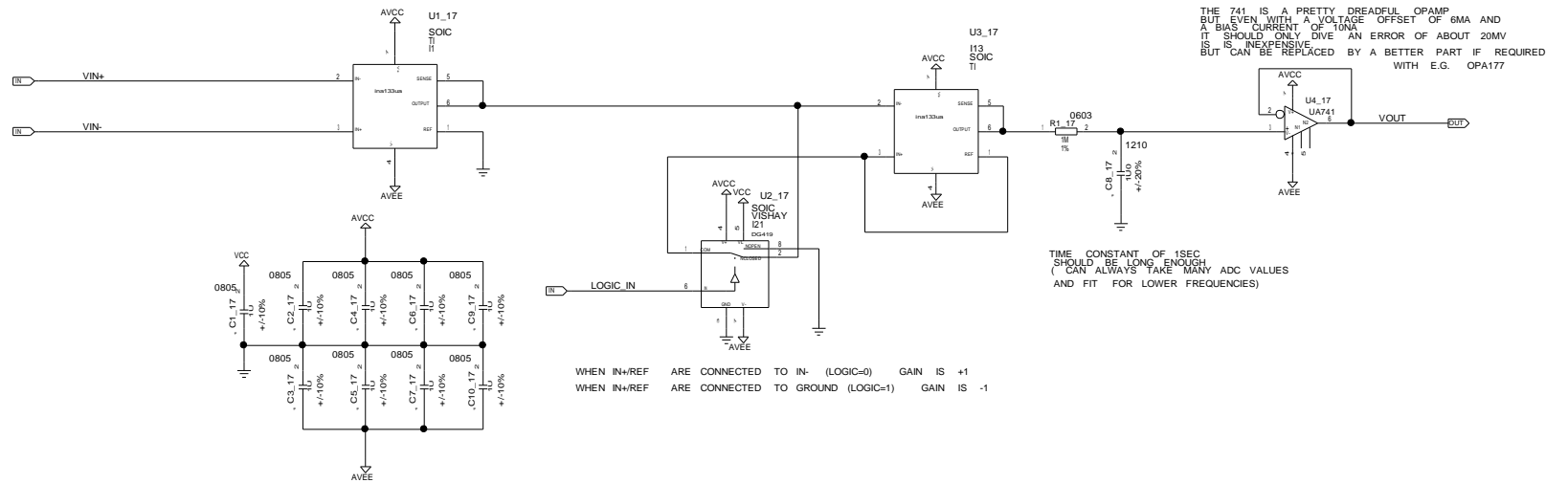
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TITLE		uob_hep_pc019a_lib							
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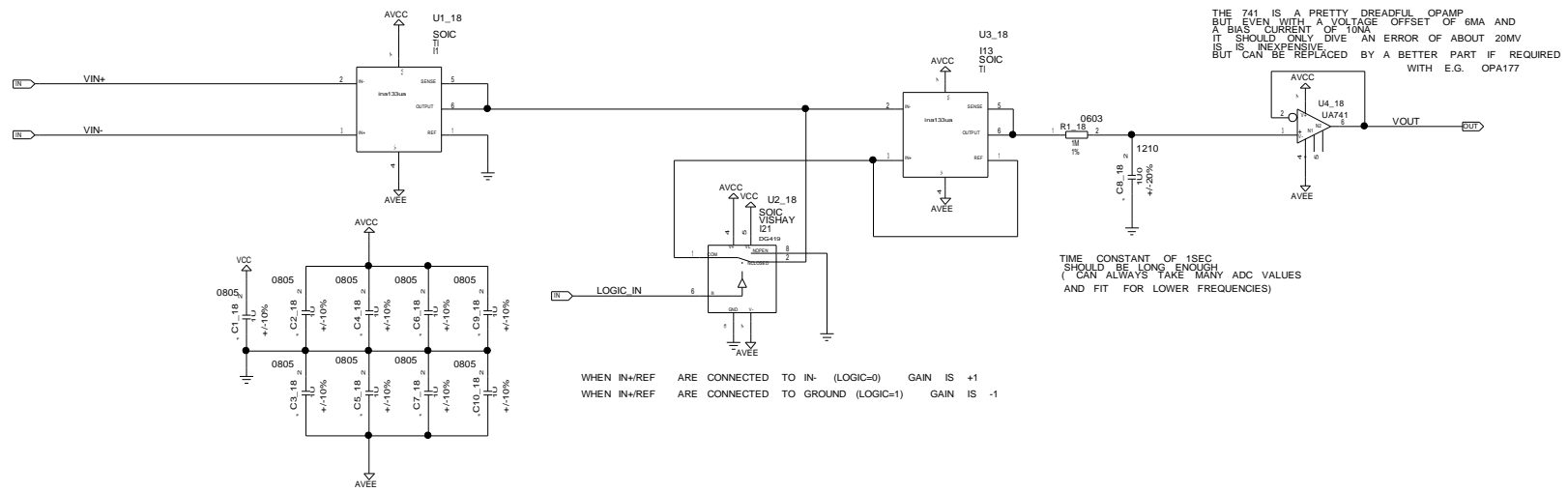
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TITLE		uob_hep_pc019a_lib						
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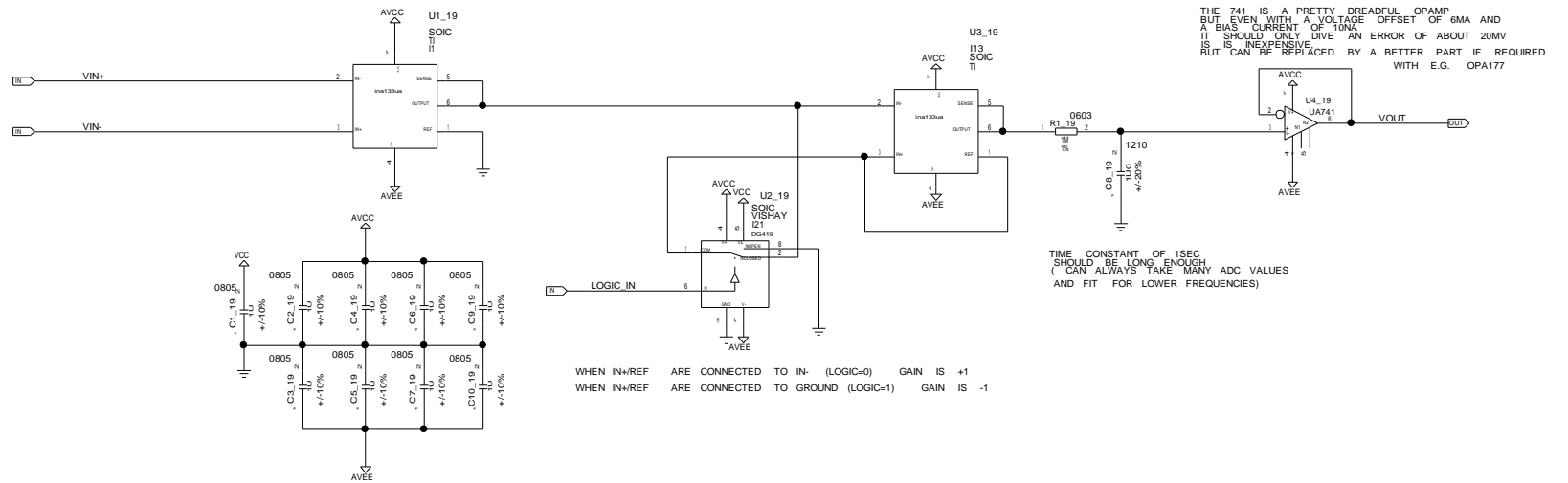
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H.H.WILLS PHYSICS LAB, TYNDALL AVE, BRISTOL, BS8 1TL.							
TITLE uob_hep_pc019a_lib MODULE: synchronous_rectifier							
A 2				MODULE PAGE: 1 OF 1 OVERALL PAGE: 22 OF 27			
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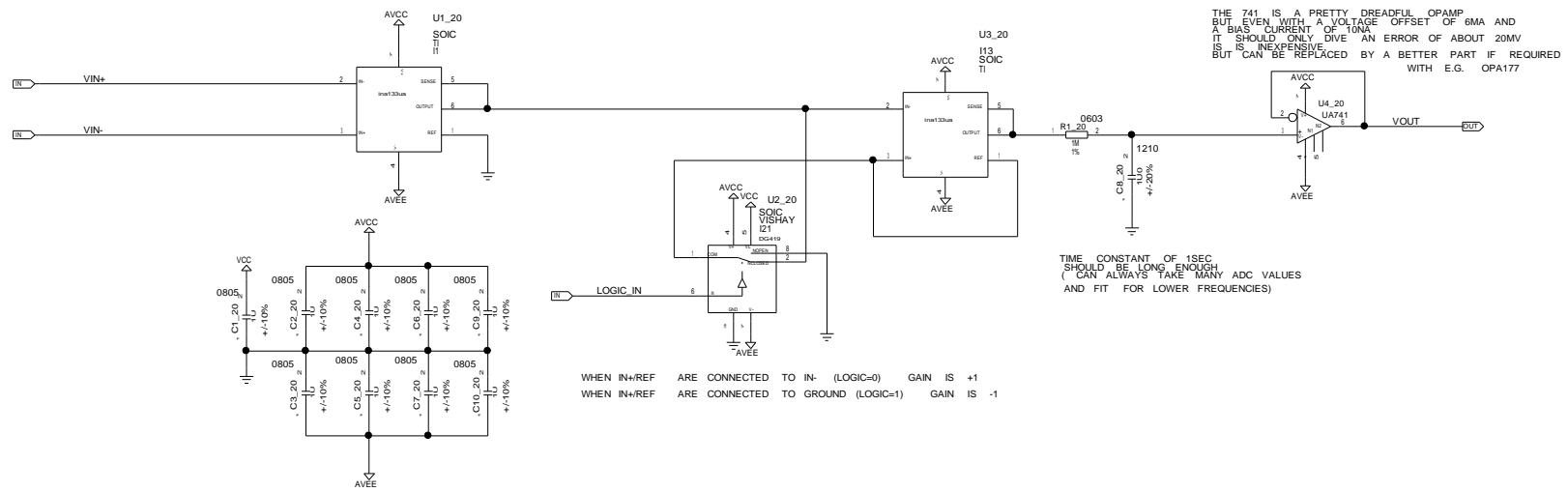
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TITLE		uob_hep_pc019a_lib					
MODULE:		synchronous_rectifier					
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Thu Aug 17	16:04:19	2005					
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TITLE		uob_hep_pc019a_lib					
MODULE:		synchronous_rectifier					
A 2		MODULE PAGE: 1 OF 1					OVERALL PAGE: 24 OF 27
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TITLE		uob_hep_pc019a_lib						MODULE: synchronous_rectifier	
A 2		MODULE PAGE: 1 OF 1 OVERALL PAGE: 25 OF 27						TOTAL NO. OF SHEETS	



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TITLE		uob_hep_pc019a_lib					
MODULE:		synchronous_rectifier					
A 2		MODULE PAGE: 1 OF 1					OVERALL PAGE: 26 OF 27
TOTAL NO. OF SHEETS							

