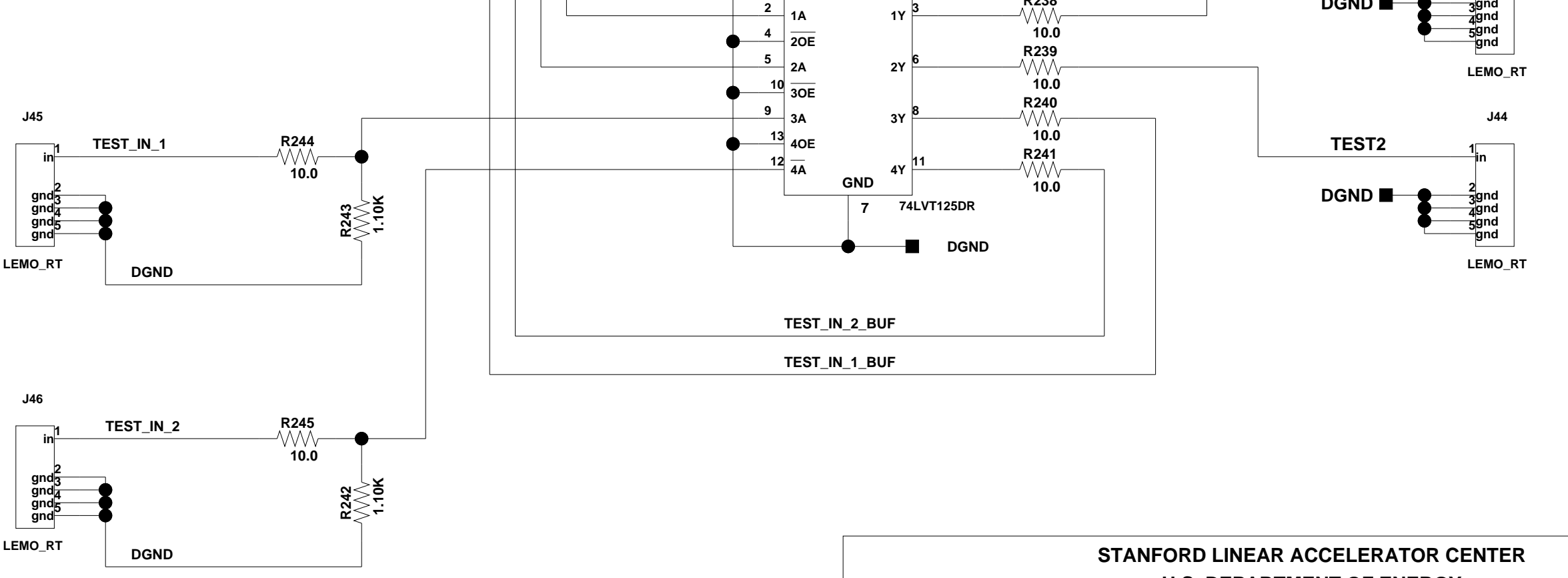
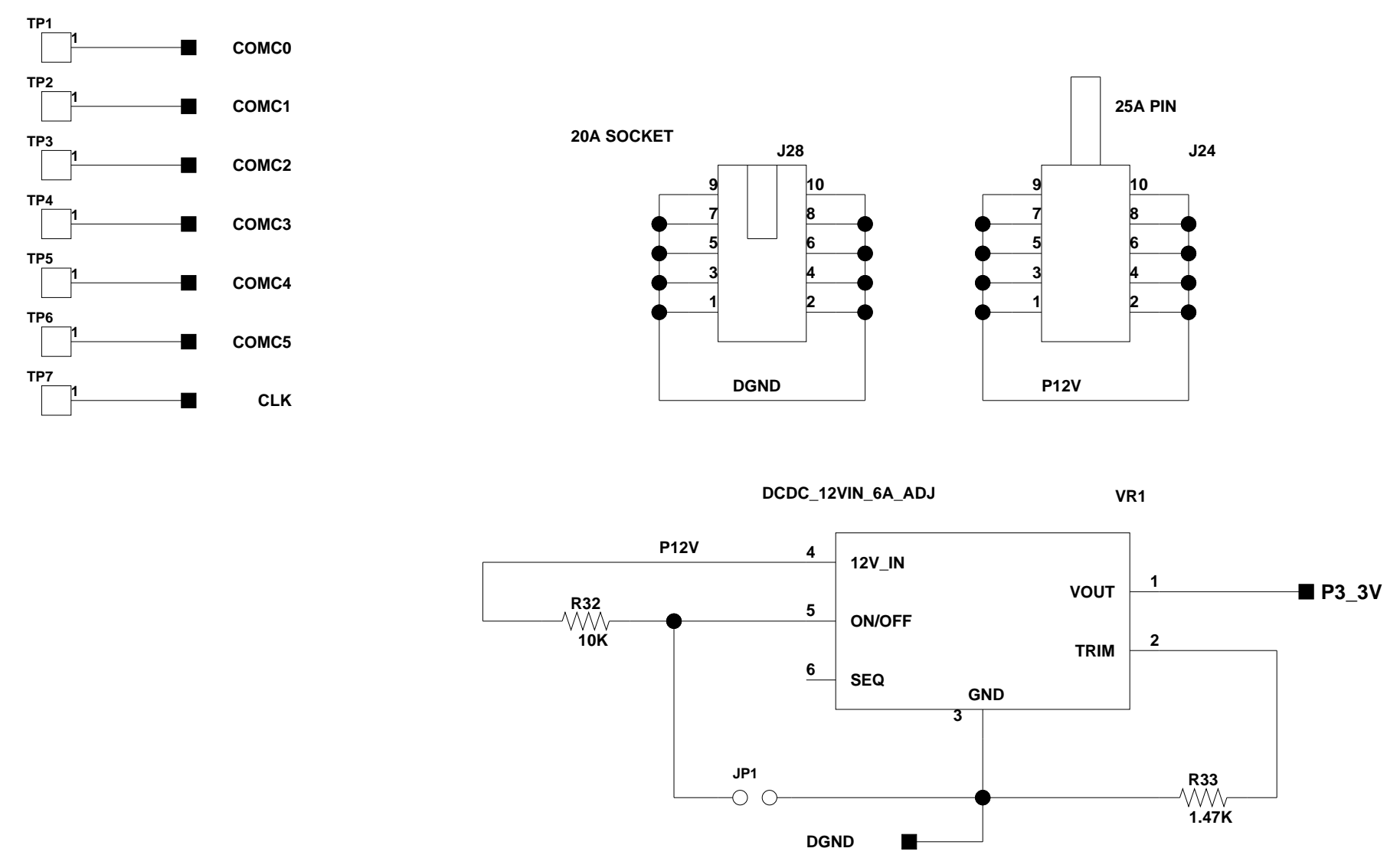
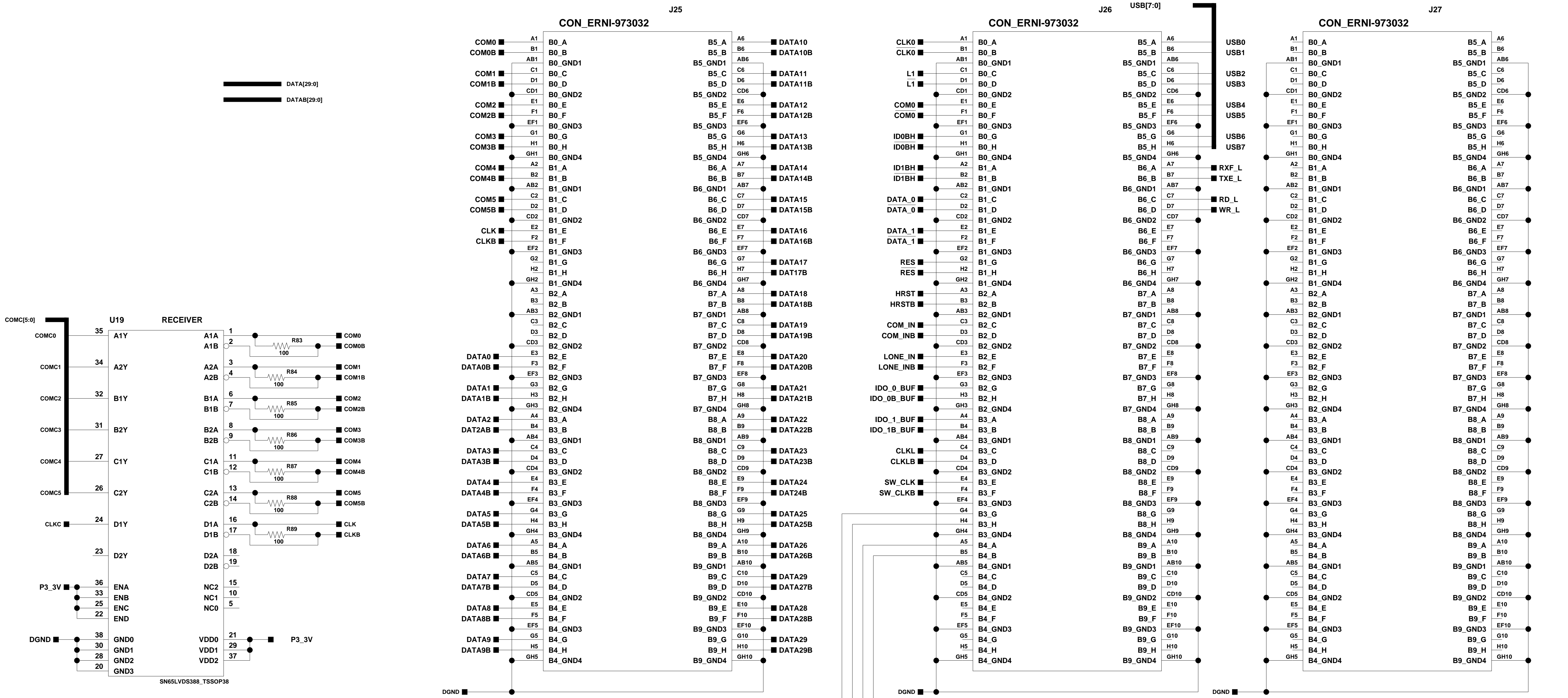
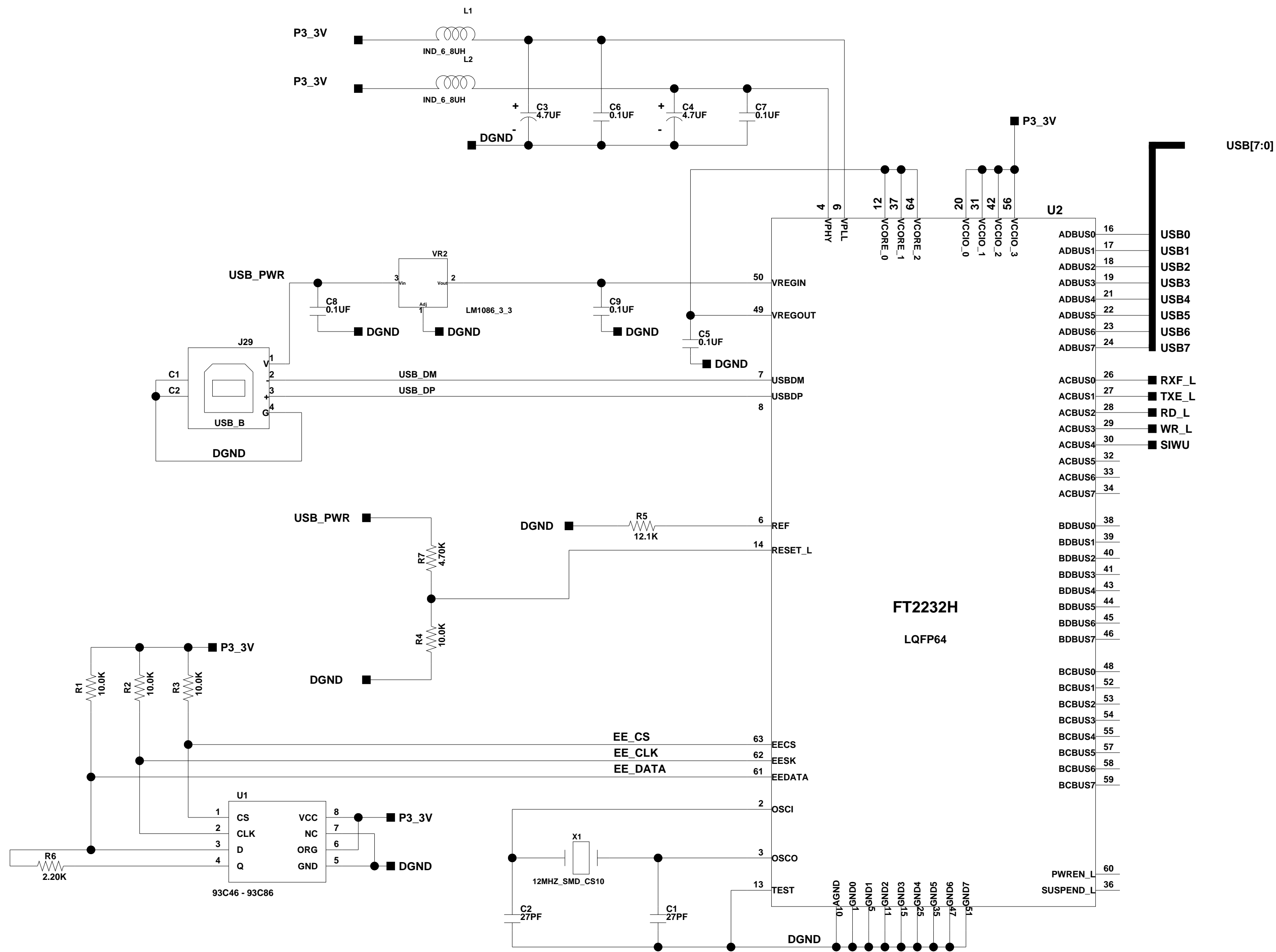


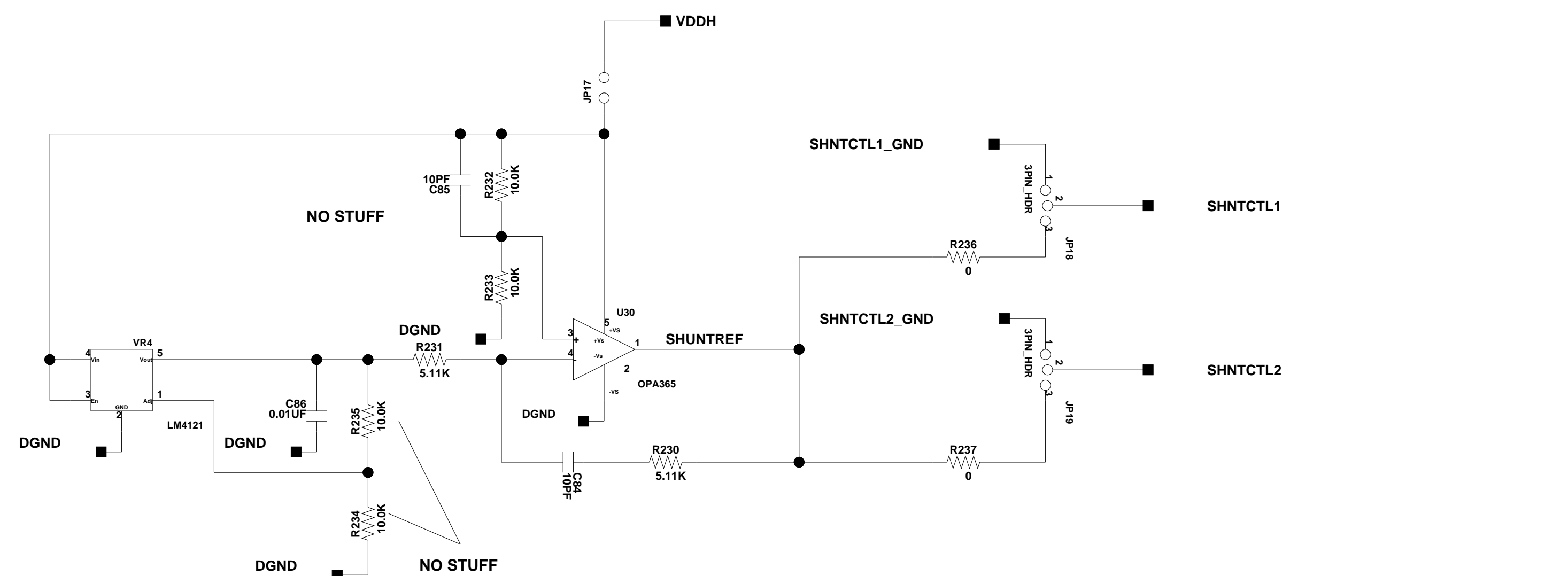
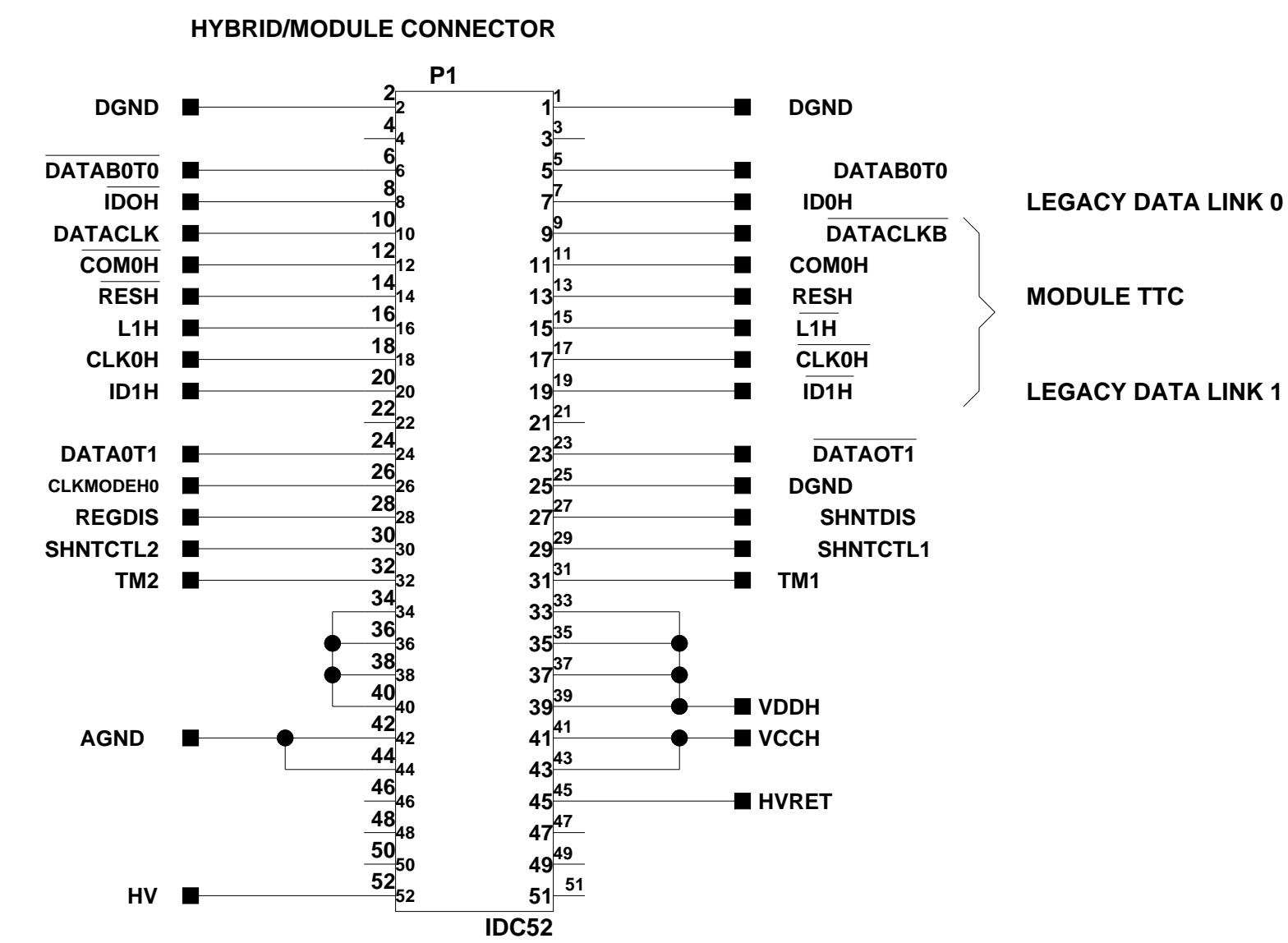
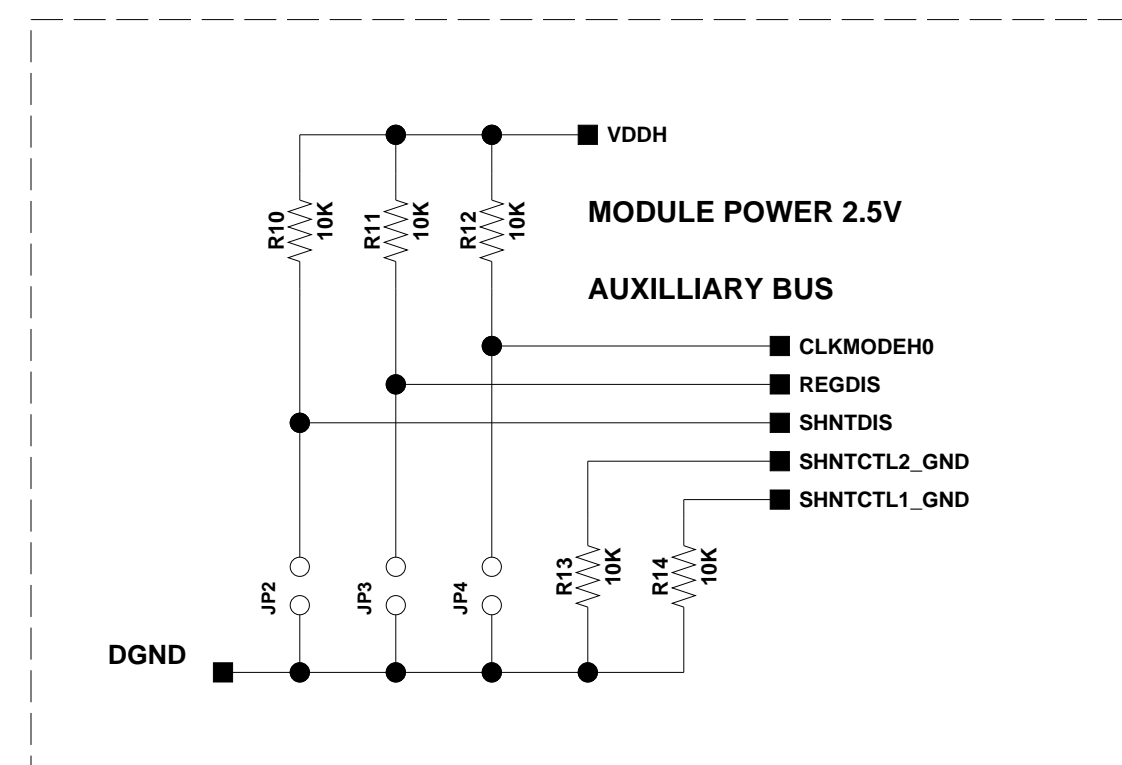
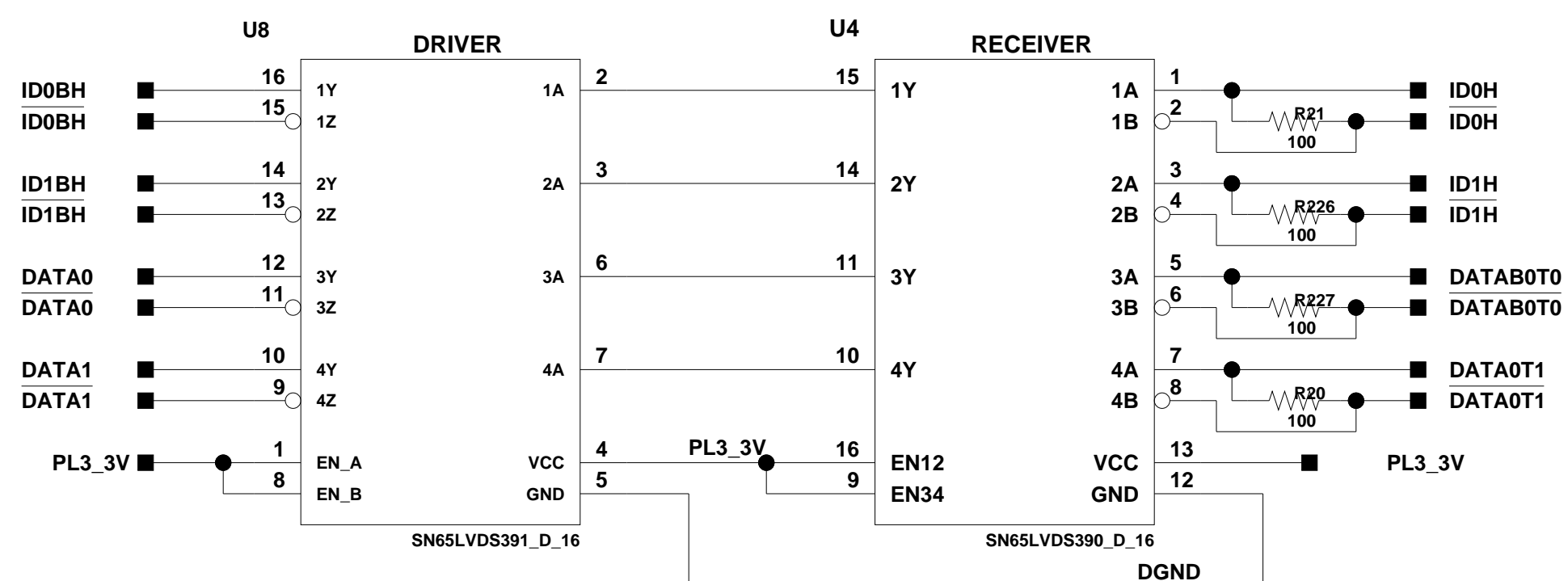
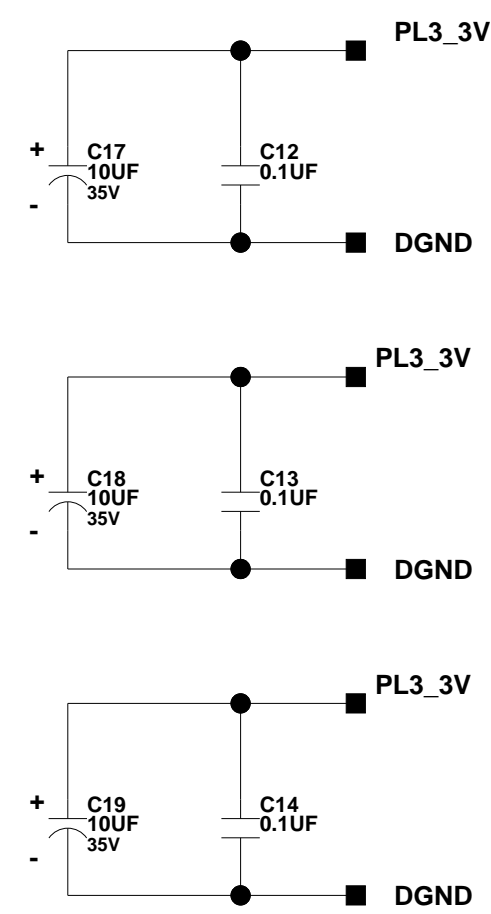
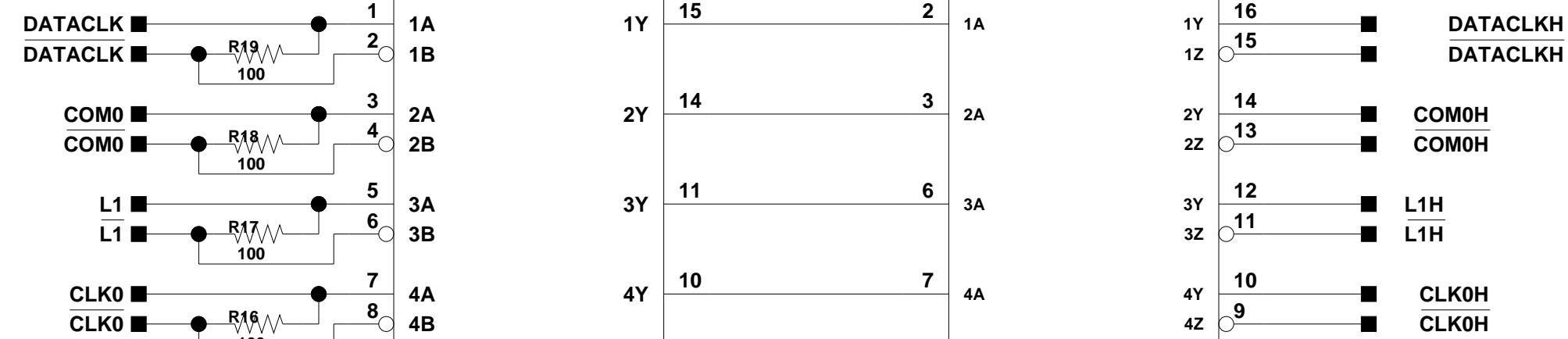
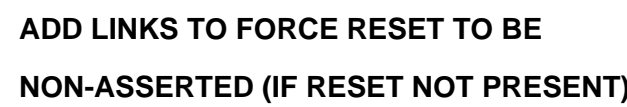
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STANFORD UNIVERSITY		STANFORD, CALIFORNIA
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ENGR	DAVE NELSON	DATE 12/09/08
DFT	DAVE NELSON	
CHK	DAVE NELSON	

HIGH SPEED I/O  
SCT STAVE07  
TRANSITION BOARD  
TOP LEVEL

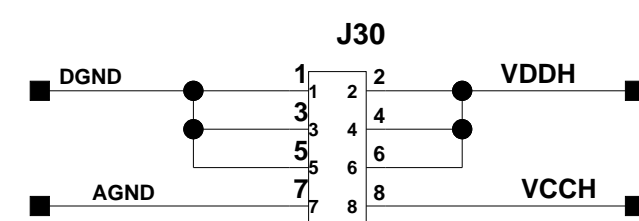


SHEET 2 OF 14

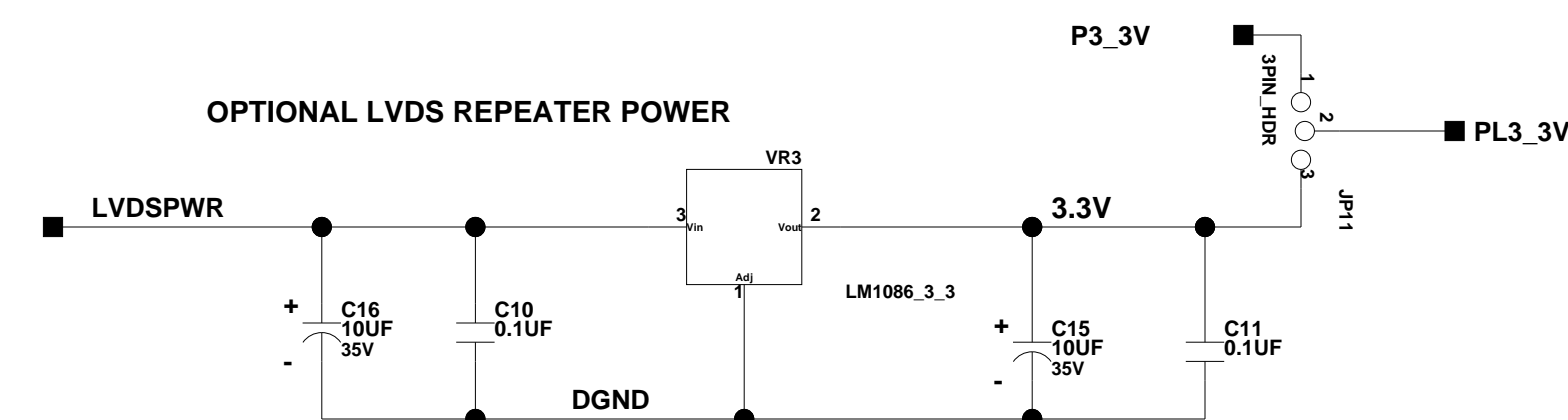
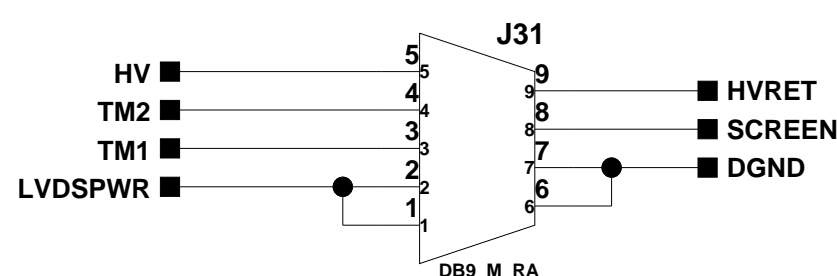




**HYBRID/MODULE POWER CONNECTOR**  
**(2.54mm 3A/CONNECTOR)**

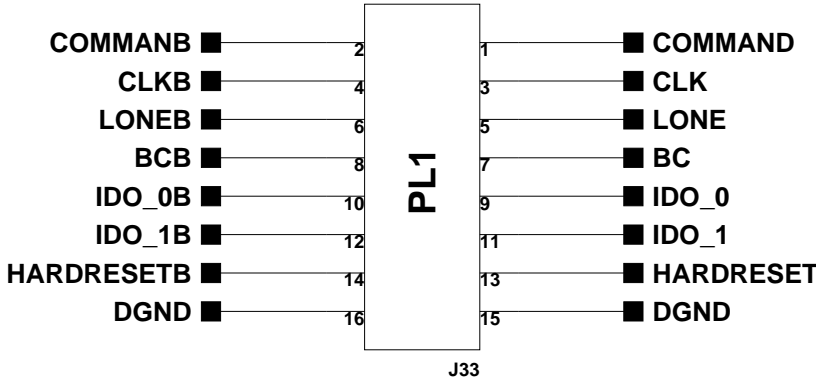


**DCS & LVDS REPEATER POWER**  
**9 WAY D-TYPE PLUG**  
**(WITH CONNECTION TO LV3 DETAIL)**

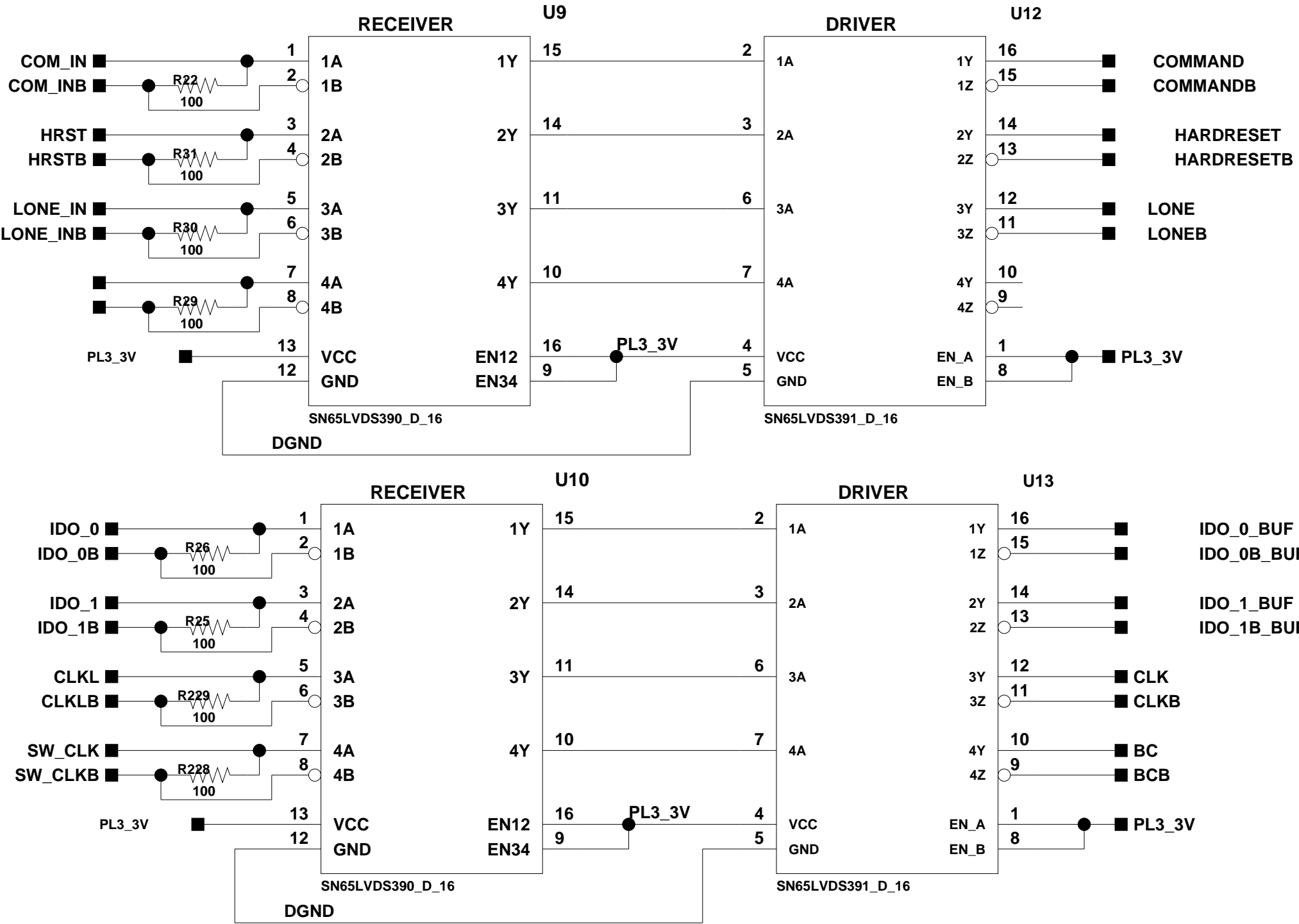
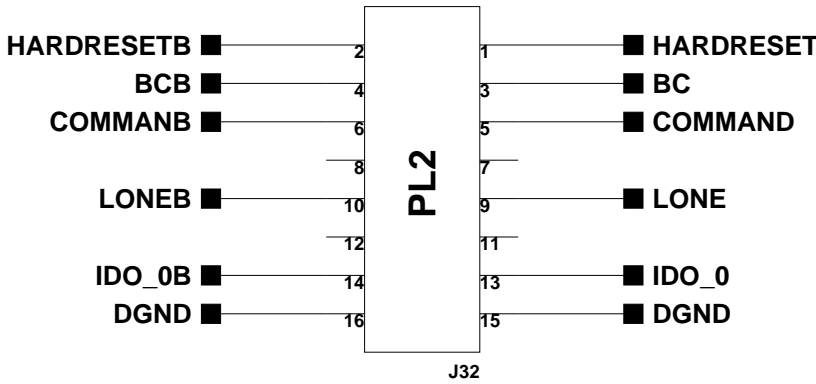


<p align="center"><b>STANFORD LINEAR ACCELERATOR CENTER</b>  <b>U.S. DEPARTMENT OF ENERGY</b></p> <p>STANFORD UNIVERSITY <span style="float: right;">STANFORD, CALIFORNIA</span></p>			<p align="center"><b>HIGH SPEED I/O</b></p> <p align="center"><b>SCT STAVE07</b></p> <p align="center"><b>TRANSITION BOARD</b></p> <p align="center"><b>AG2 INTERFACE</b></p>
<p>PROPRIETARY DATA OF STANFORD UNIVERSITY AND/OR U.S. DEPARTMENT OF ENERGY. RECIPIENT SHALL NOT PUBLISH THE INFORMATION WITHIN UNLESS GRANTED SPECIFIC PERMISSION OF STANFORD UNIVERSITY.</p>			
	DATE	APPROVALS	
ENGR	DAVE NELSON	12/09/08	
DFTR	DAVE NELSON		
CHWR	DAVE NELSON		<p align="center"><b>SD-248-100-13-C00</b></p>

USE PL1 FOR HYBRID OR ABCNX4 PCB



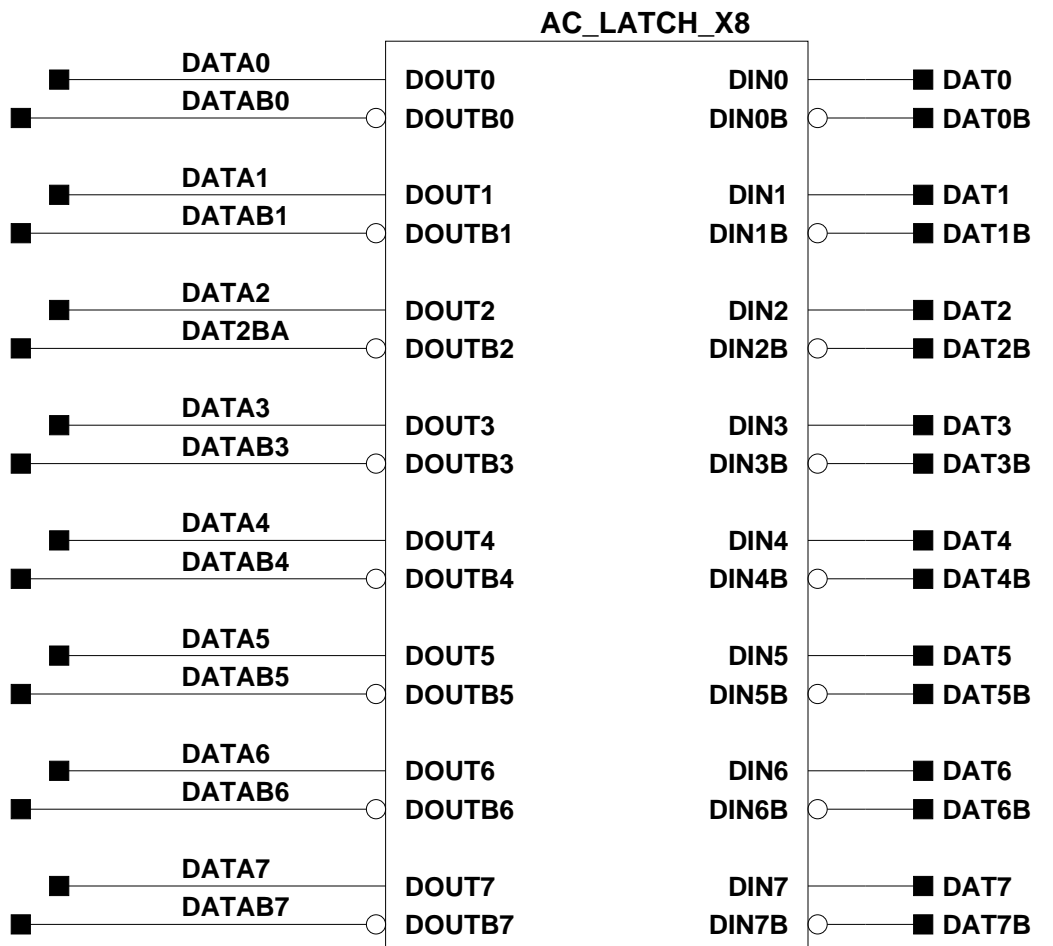
USE PL2 FOR ABCNX1 PCB



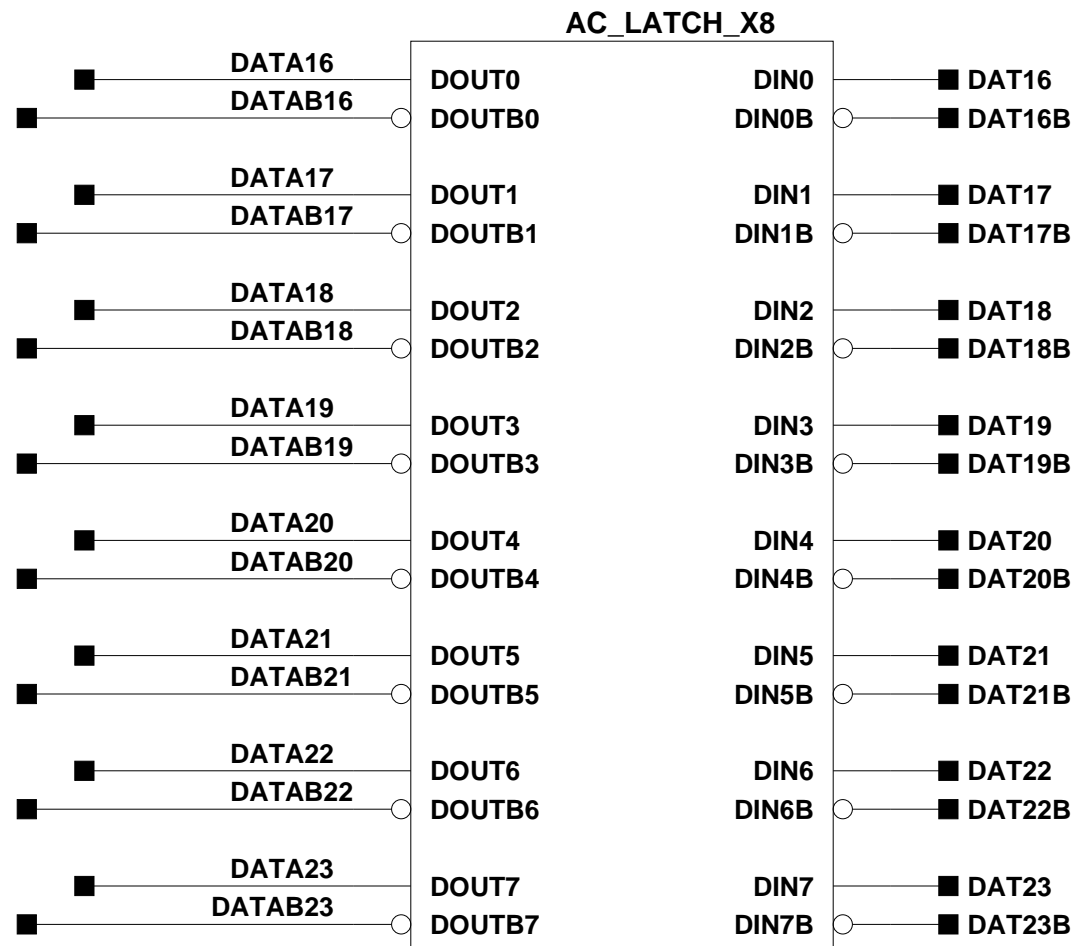
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ENGR	DAVE NELSON	DATE 12/09/08
DTR	DAVE NELSON	
CHKR	DAVE NELSON	
APPROVALS		

HIGH SPEED I/O  
SCT STAVE07  
TRANSITION BOARD  
PP1 INTERFACE

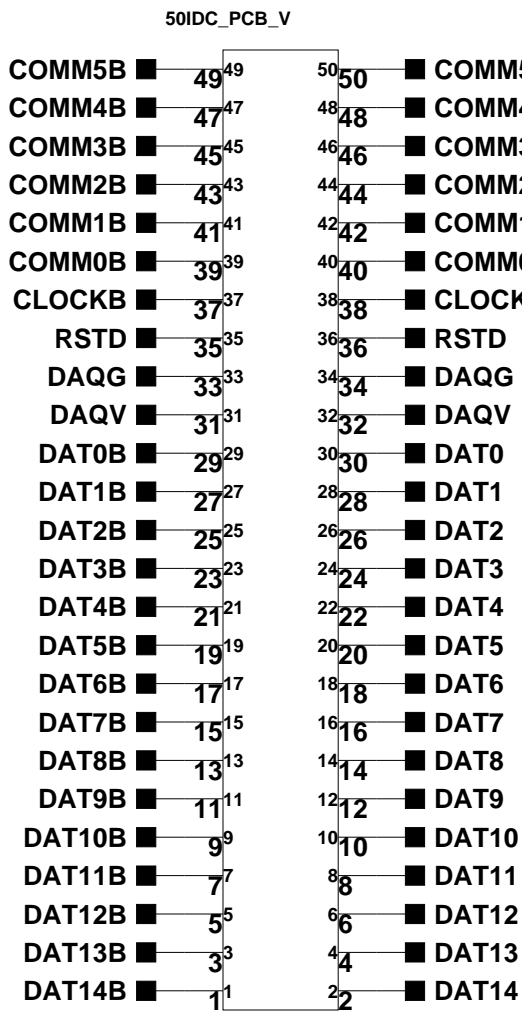
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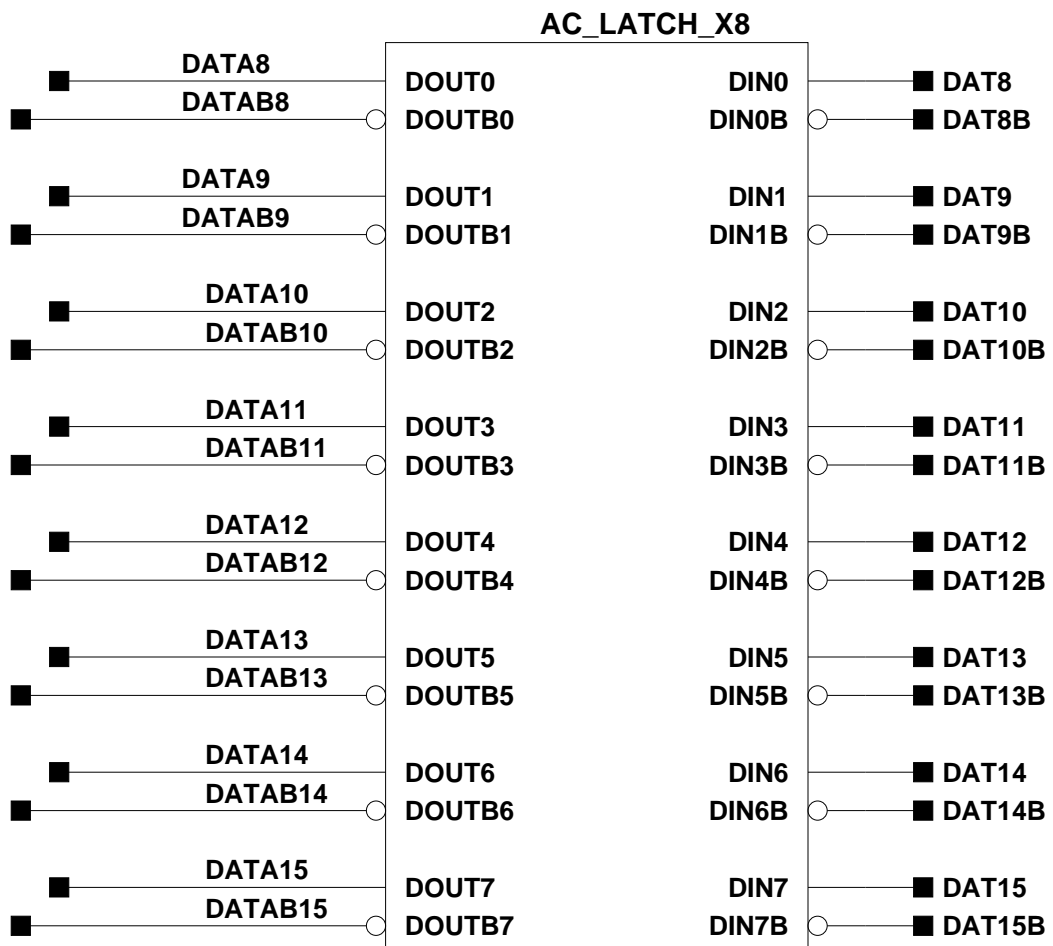
AC\_LATCH\_X8



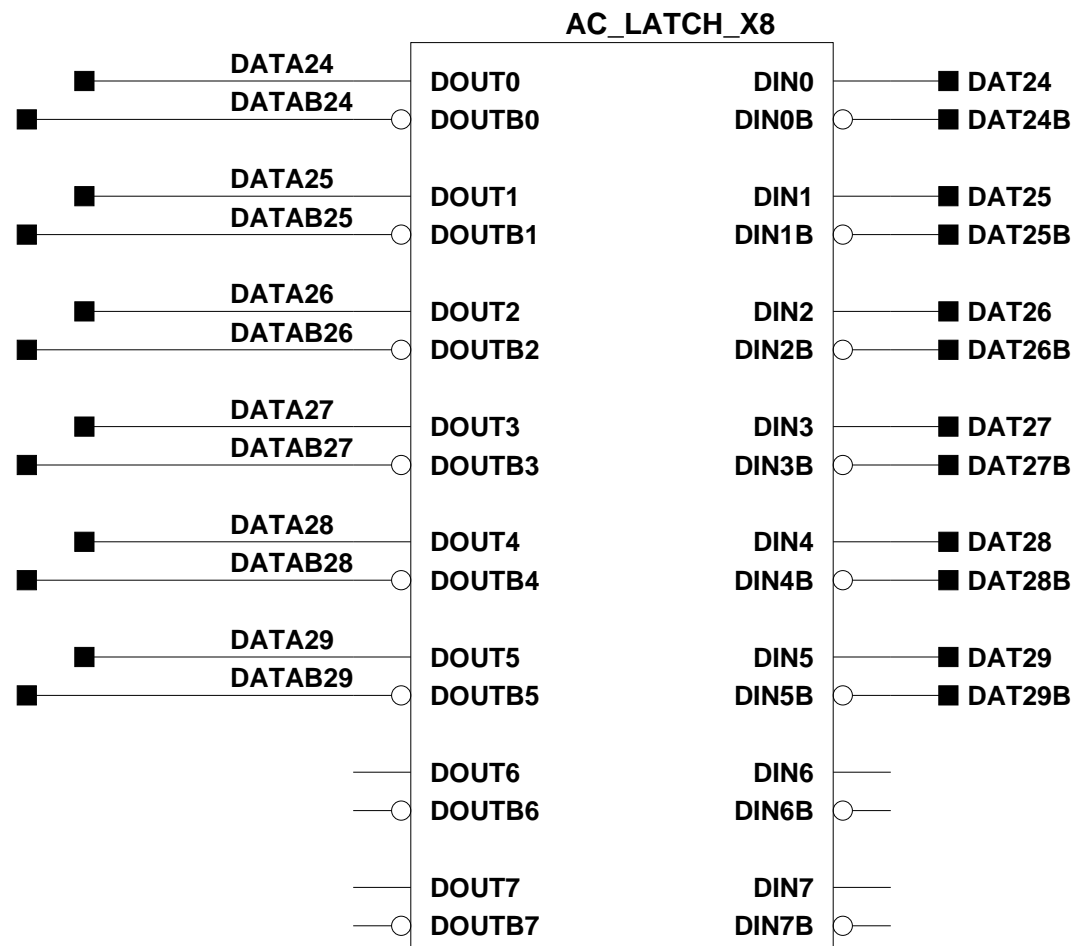
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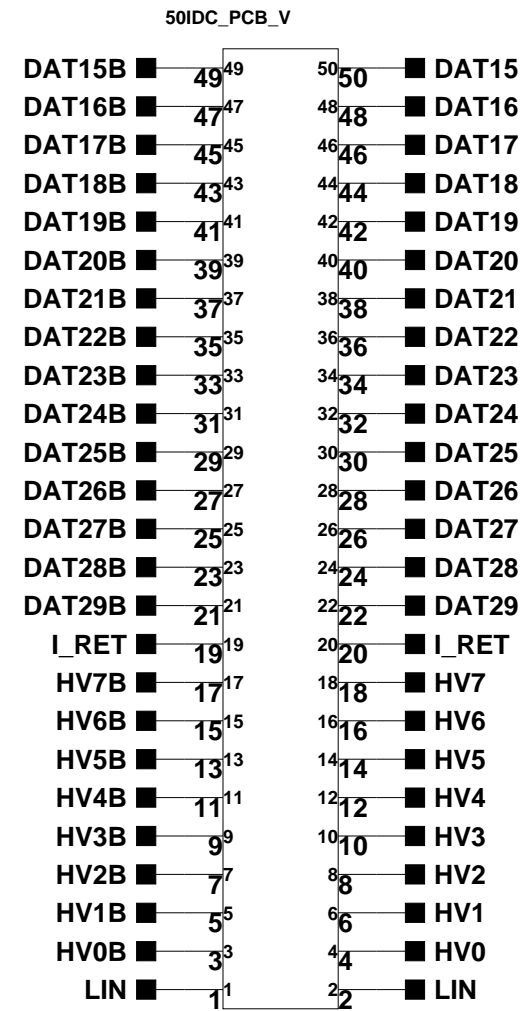
J14



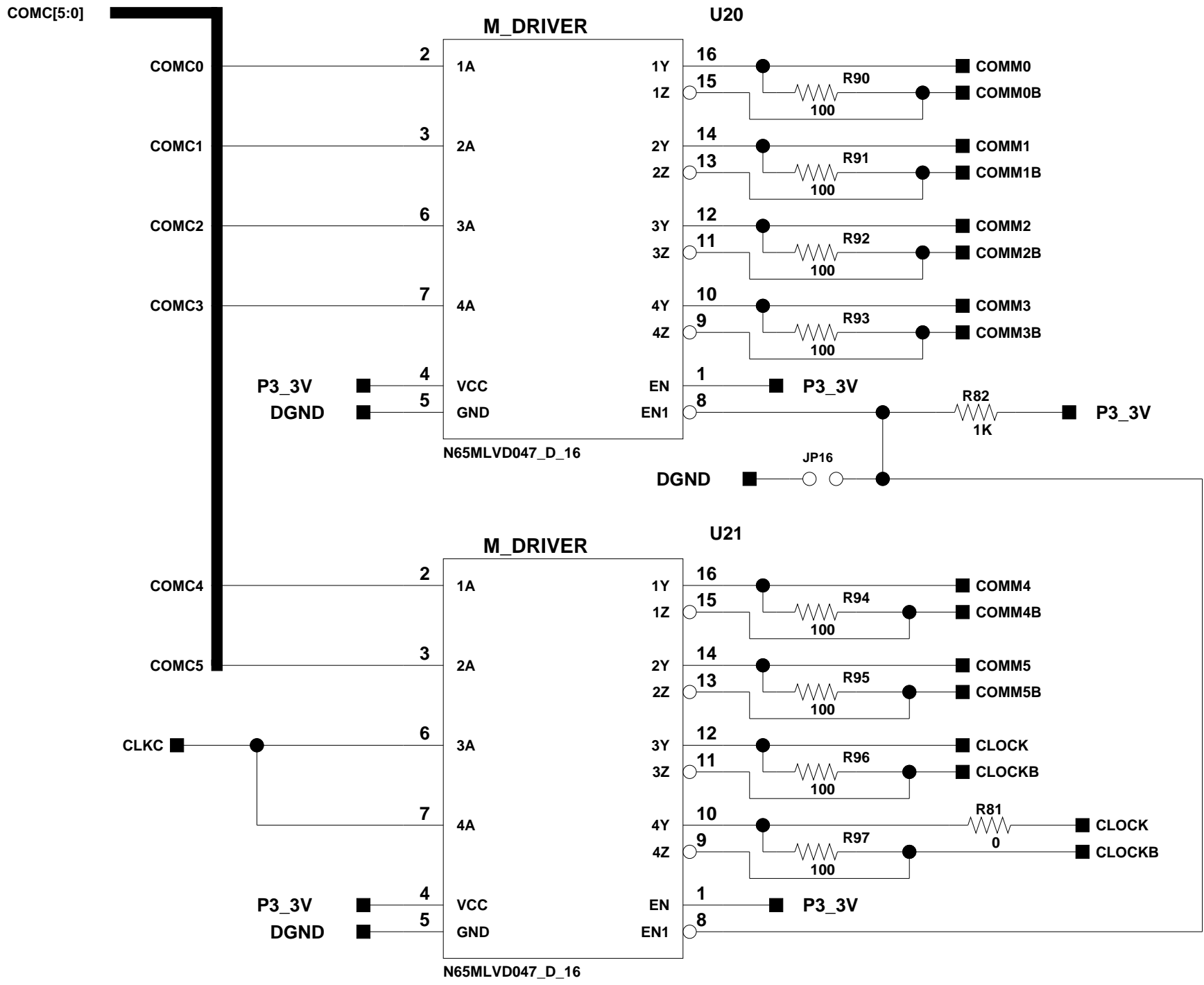
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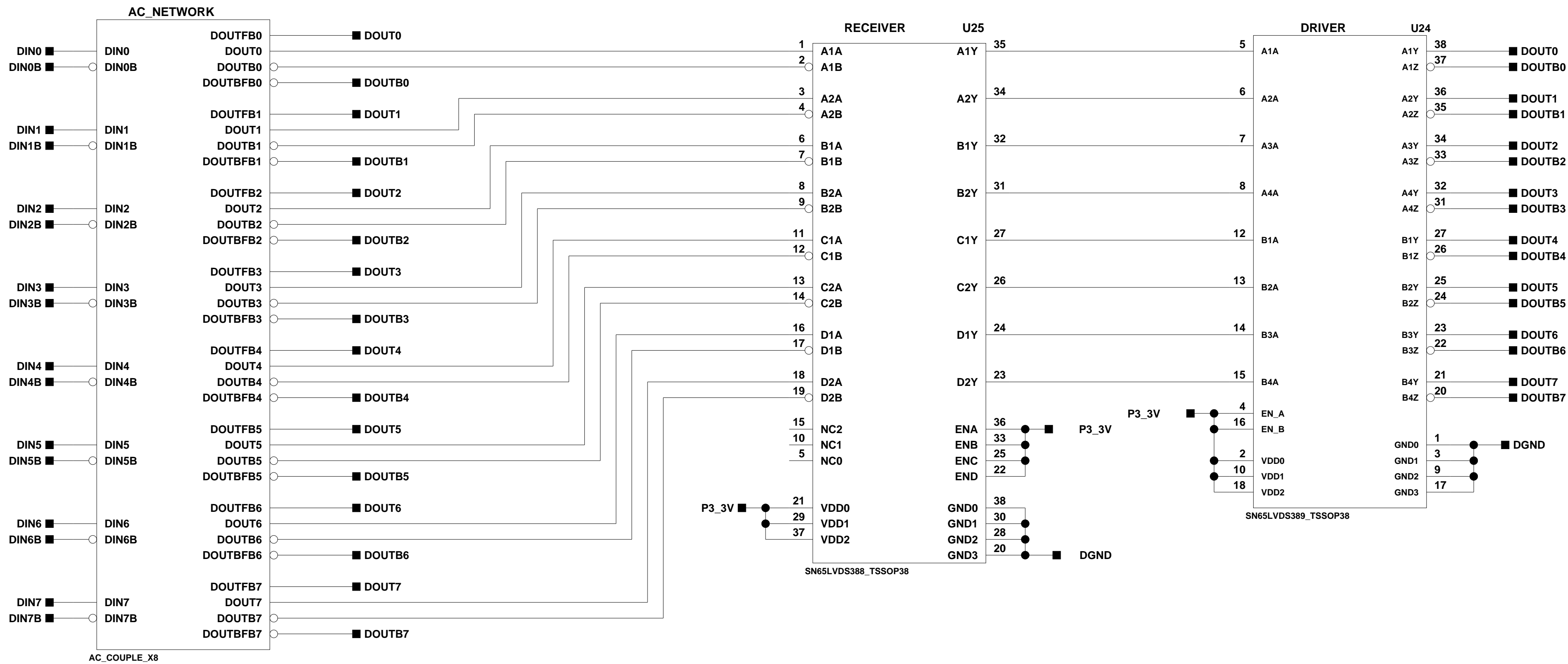


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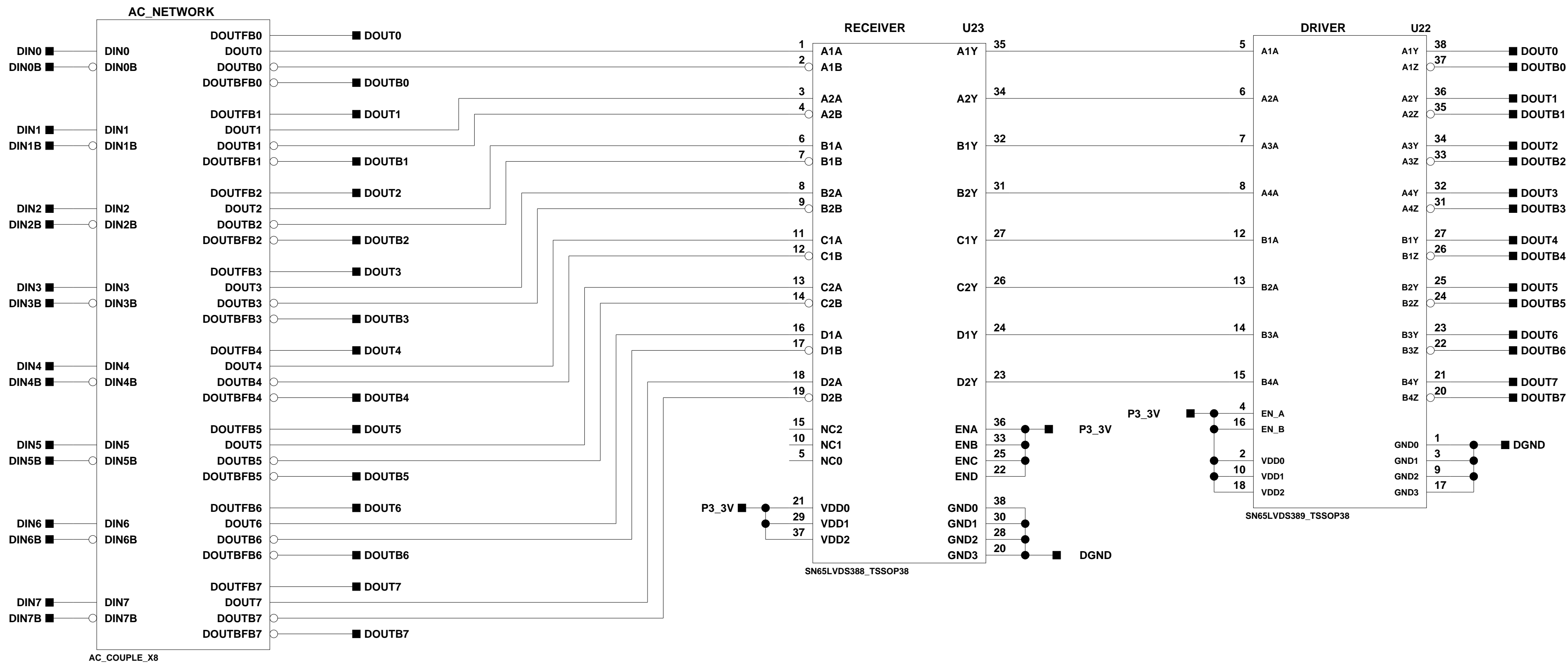


J2





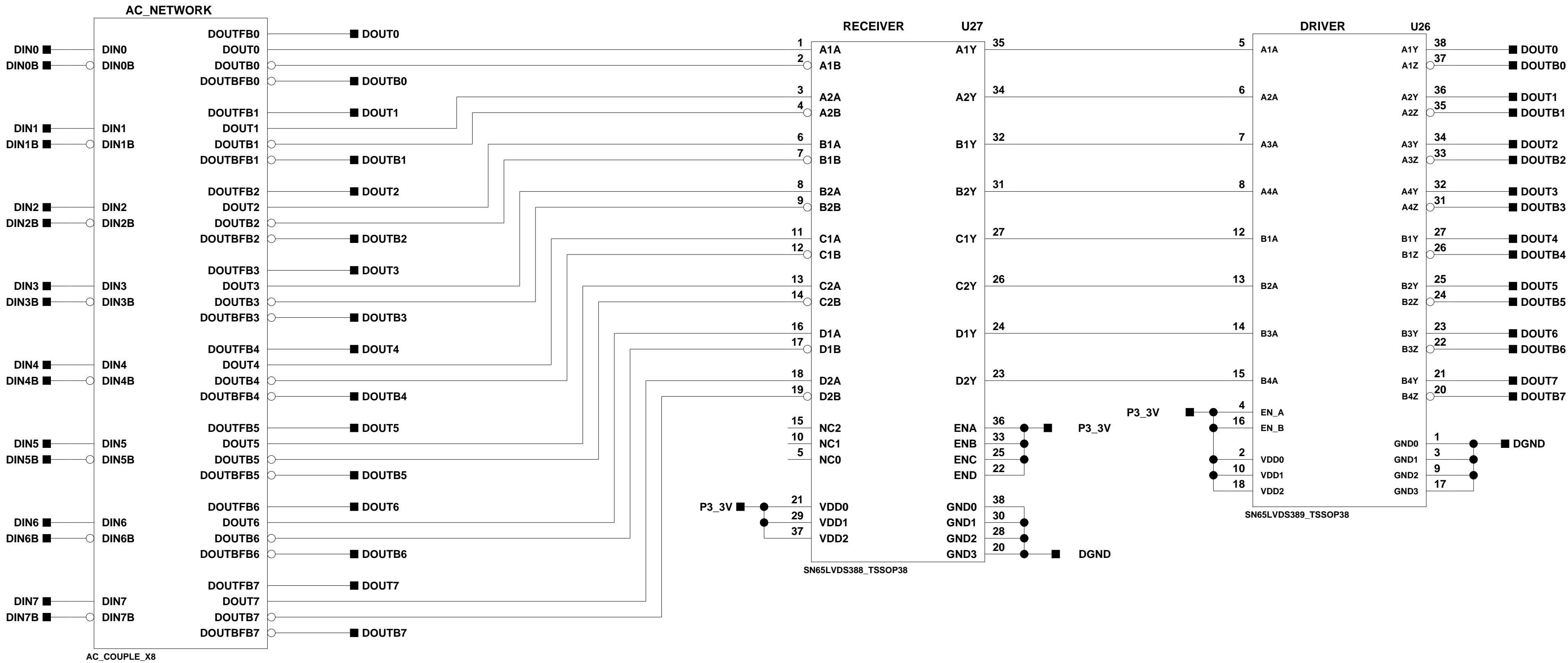
SHEET 8



SHEET 8

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ENGR	DAVE NELSON	DATE 12/09/08
DFT	DAVE NELSON	APPROVALS
CHK	DAVE NELSON	

HIGH SPEED I/O  
SCT STAVE07  
TRANSITION BOARD  
AC\_LATCH\_X8 DATA 0-7



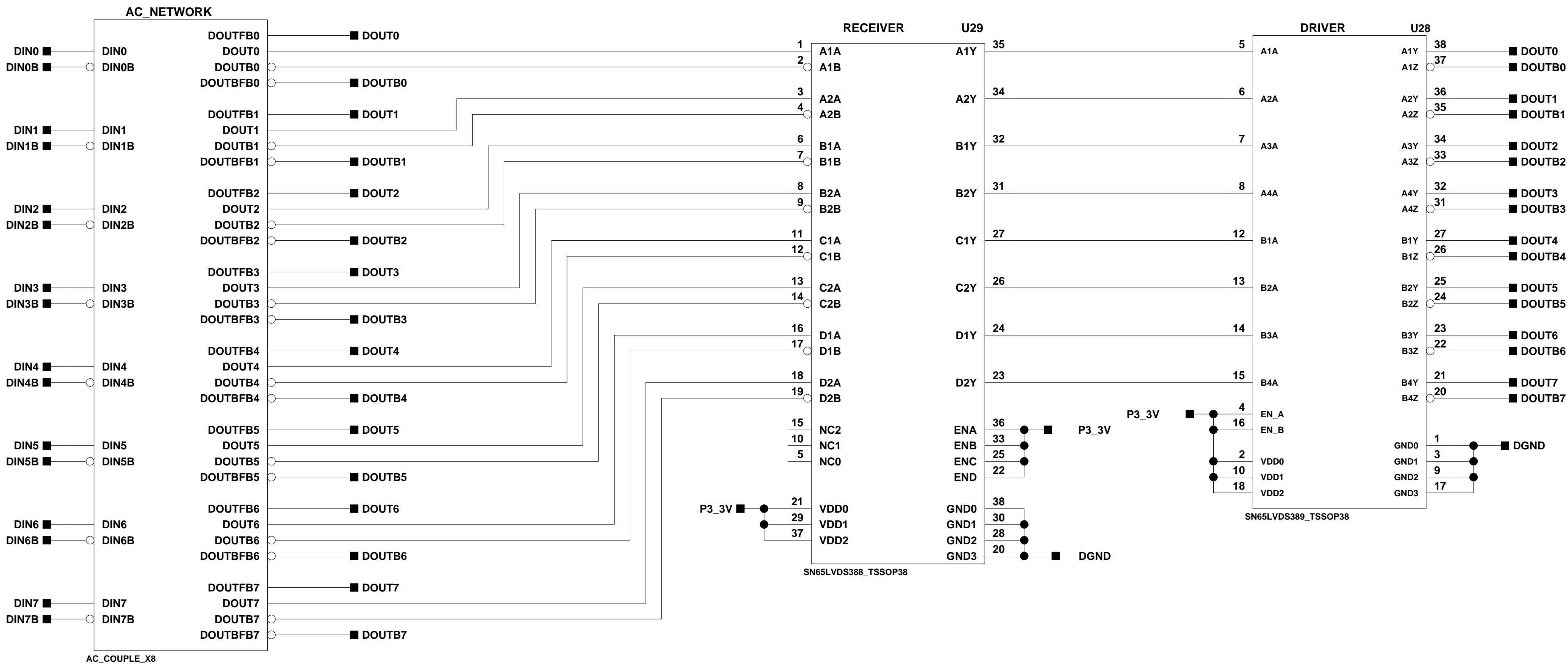
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ENGR	DAVE NELSON	DATE 12/09/08
DFT	DAVE NELSON	APPROVALS
CHK	DAVE NELSON	

HIGH SPEED I/O

SCT STAVE07

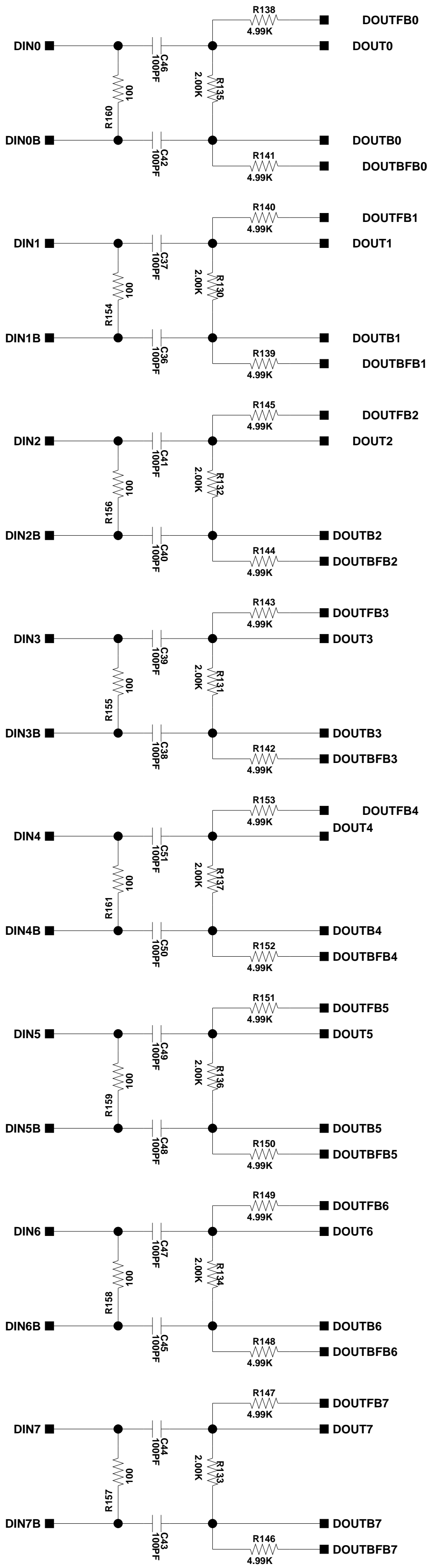
TRANSITION BOARD

AC\_LATCH\_X8 DATA 0-7



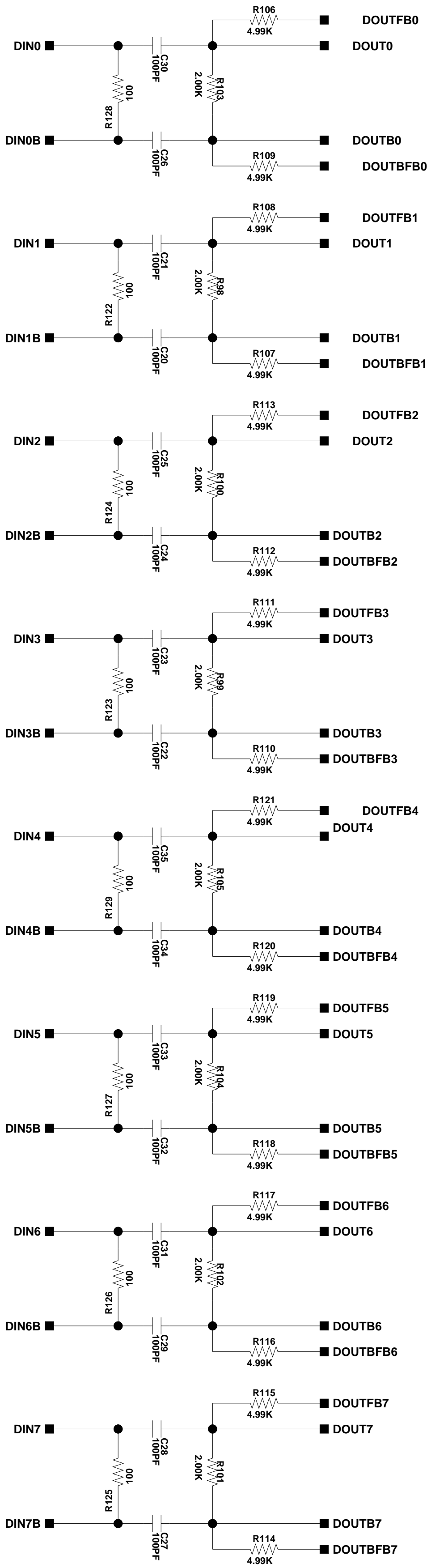
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DFT	DAVE NELSON	APPROVALS
CHK	DAVE NELSON	

HIGH SPEED I/O  
SCT STAVE07  
TRANSISTION BOARD  
AC\_LATCH\_X8 DATA 0-7



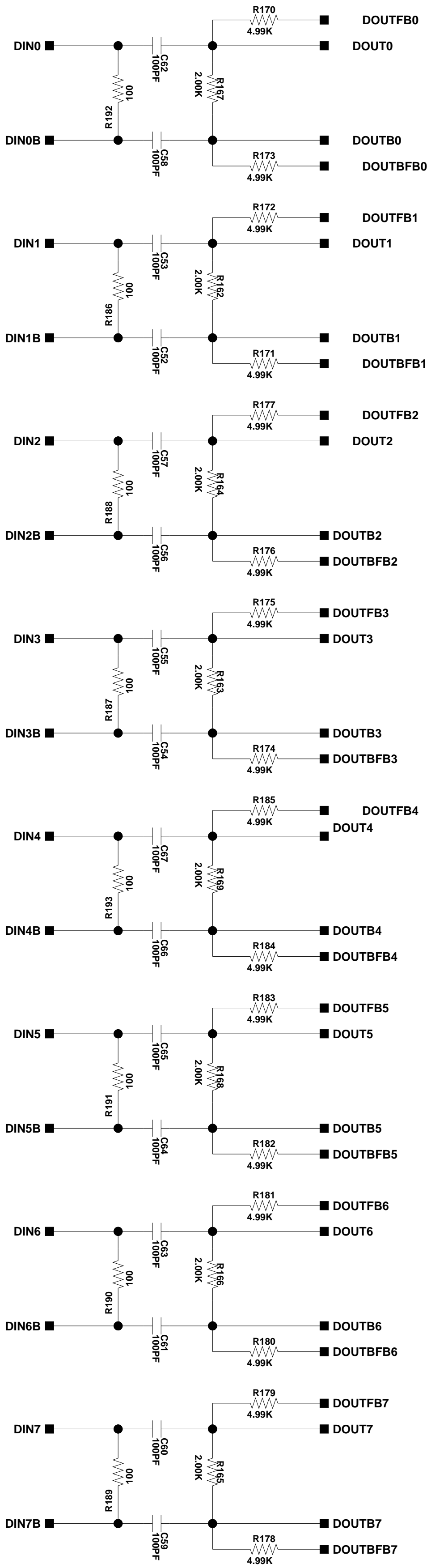
SHEET 8 OF 14

STANFORD LINEAR ACCELERATOR CENTER U.S. DEPARTMENT OF ENERGY			HIGH SPEED I/O	
STANFORD UNIVERSITY			STANFORD, CALIFORNIA	
PROPRIETARY DATA OF STANFORD UNIVERSITY AND/OR U.S. DEPARTMENT OF ENERGY. RECIPIENT SHALL NOT PUBLISH THE INFORMATION WITHIN UNLESS GRANTED SPECIFIC PERMISSION OF STANFORD UNIVERSITY.			SCT STAVE07 TRANSITION BOARD AC_NETWORK DATA 0-7	
ENGR	DAVE NELSON	DATE	12/09/08	APPROVALS
DTR	DAVE NELSON			
CHKR	DAVE NELSON			
			SD-248-100-13-C00	



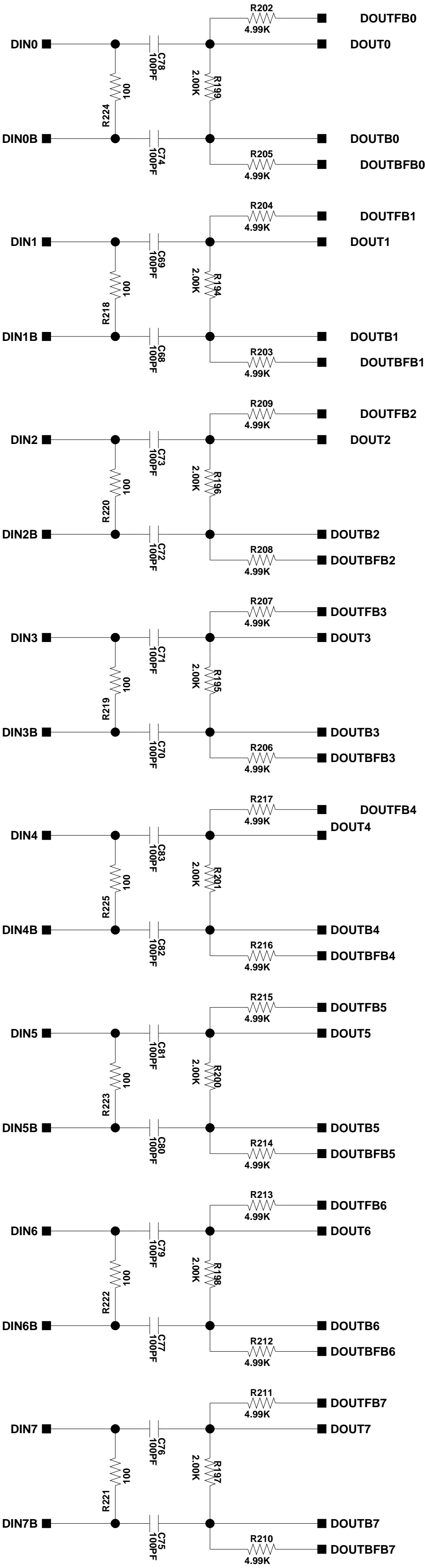
SHEET 8 OF 14

STANFORD LINEAR ACCELERATOR CENTER U.S. DEPARTMENT OF ENERGY			HIGH SPEED I/O	
STANFORD UNIVERSITY			STANFORD, CALIFORNIA	
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ENGR	DAVE NELSON	DATE	12/09/08	APPROVALS
Dftr	DAVE NELSON			
Chkr	DAVE NELSON			
			SD-248-100-13-C00	
			D	



SHEET 8 OF 14

STANFORD LINEAR ACCELERATOR CENTER U.S. DEPARTMENT OF ENERGY			HIGH SPEED I/O	
STANFORD UNIVERSITY			STANFORD, CALIFORNIA	
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ENGR	DAVE NELSON	DATE	12/09/08	APPROVALS
Dftr	DAVE NELSON			
Chkr	DAVE NELSON			
			SD-248-100-13-C00	
			D	



SHEET 8 OF 14

STANFORD LINEAR ACCELERATOR CENTER U.S. DEPARTMENT OF ENERGY			HIGH SPEED I/O	
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ENGR	DAVE NELSON	DATE	12/09/08	APPROVALS
Dftr	DAVE NELSON			
Chkr	DAVE NELSON			
			SD-248-100-13-C00	