

A

Update Schematic for PS1 (P. 14) and adding EMC Filter (P.10)			ADEEB KHAIR	12-01-2017	01	E-070839
DMC16 Boards - RoHS Compliance			ADEEB KHAIR	05-10-2011	00	E-014733
DESCRIPTION			APPR.	DATE	REV	CHANGE ORD.
	NAME	DATE	EQUIPMENT	ASSEMBLY NAME No.		
DESIGNER	ADEEB KHAIR	27-10-2016				
CHECKER	Liron Rodavsky	27-10-2016				
APPROVAL	GAD FRAENKEL	27-10-2016				
			NAME			
			DMC16			
PHILIPS MEDICAL SYSTEMS TECHNOLOGIES LTD.			DRAWING No.		REV.	SCALE
			SHEET 0 OF 35		DMR287424 [01]	1:1
CONTENTS PROPERTY OF PHILIPS MEDICAL SYSTEMS TECHNOLOGIES LTD. NO UNAUTHORIZED USE PERMITTED.						

SHEET 2-15 PERIPH_DONE BY PERIPH_DONE



BPD-DSC&BCOM(5-0)

[illegible]

CPM_2V5_CTRL_LINK



CPM_40M_CLK	CPM_40M_CLK
	CPM TDO



PANEL_SW(8:0)

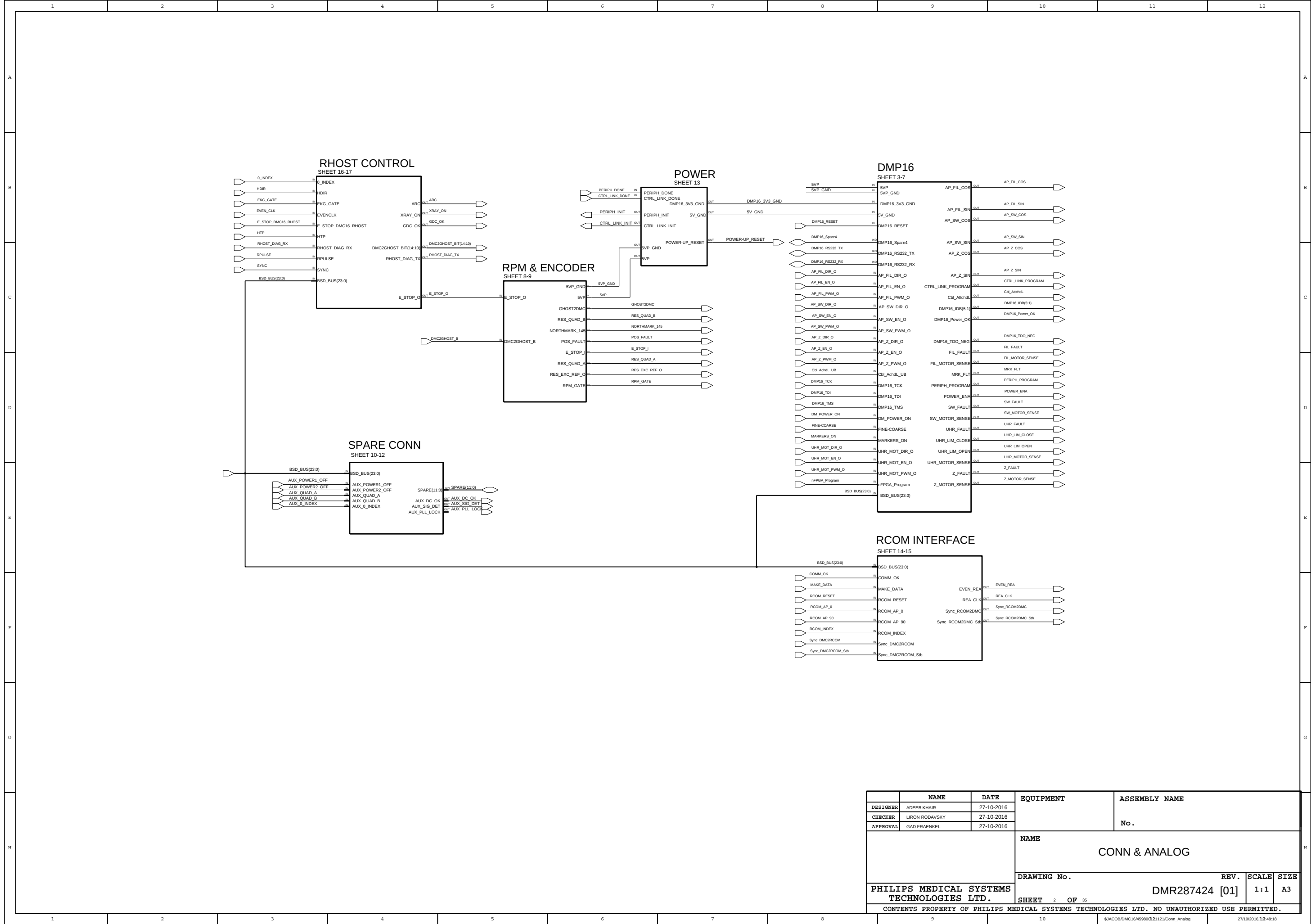


IN DMD16_TDO_NEG A_CANRX0 OUT A_CANRX0

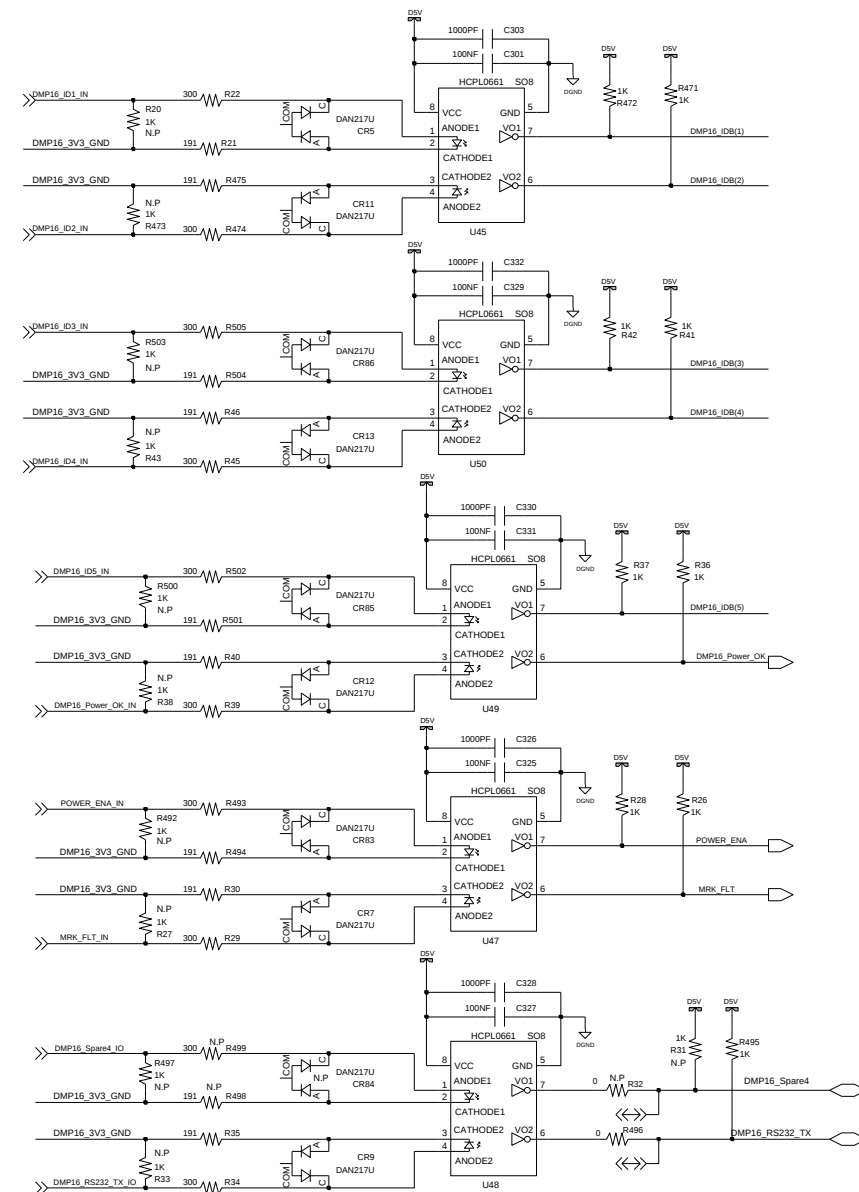
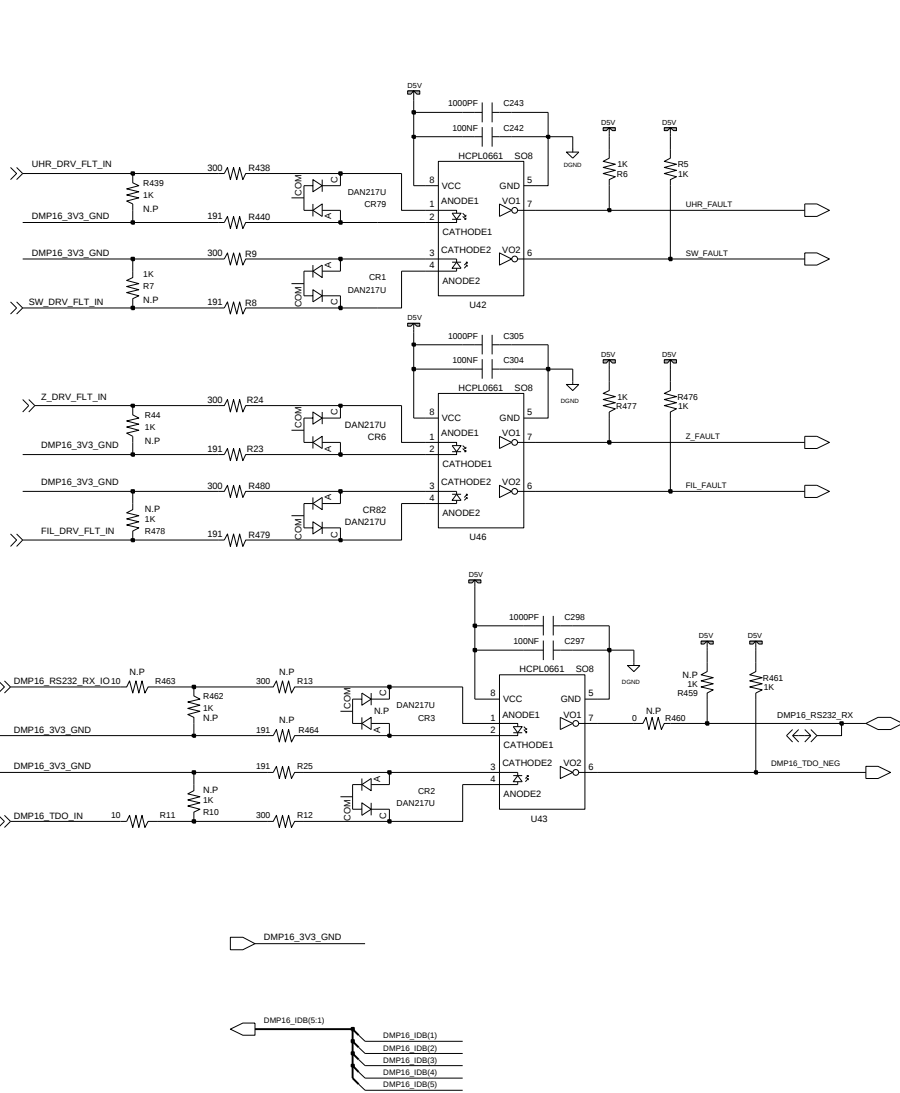




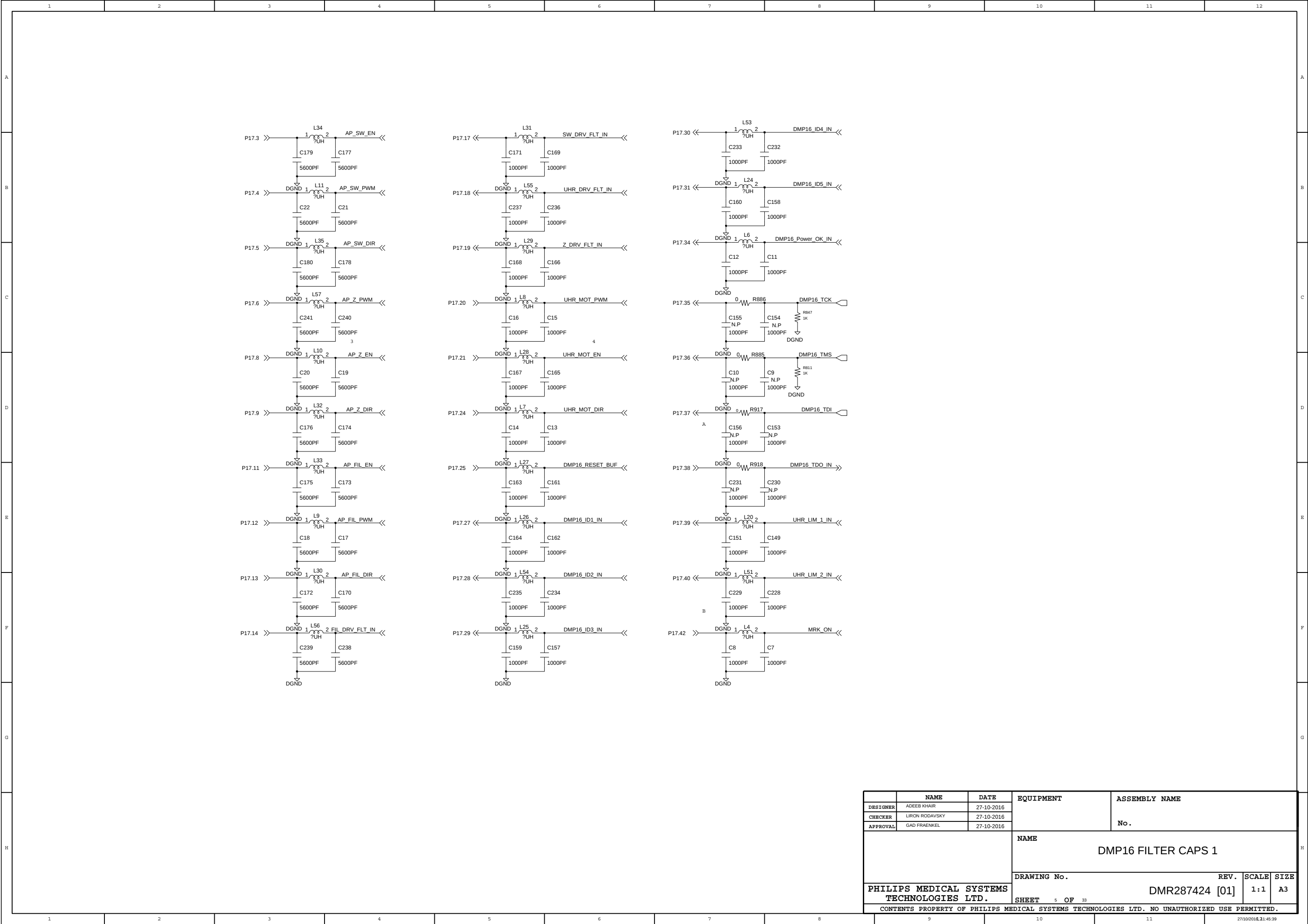
9	10	\$1ACOR/DMS16/4500/0112121/Conn. Apple	27/10/2016 17:49:18
---	----	--	---------------------



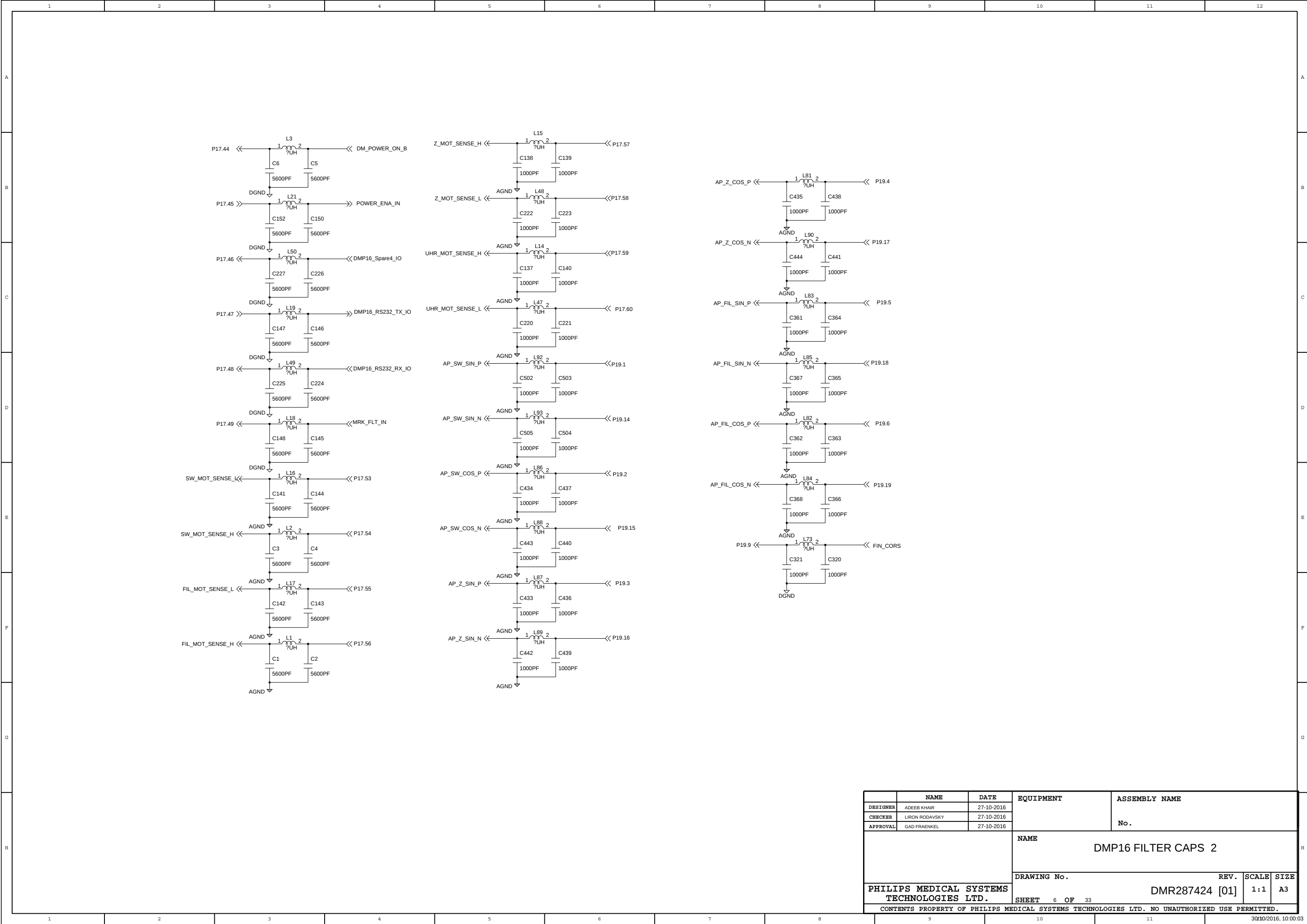
	NAME	DATE	EQUIPMENT	ASSEMBLY NAME		
DESIGNER	ADEEB KHAIR	27-10-2016		No.		
CHECKER	LIRON RODAVSKY	27-10-2016				
APPROVAL	GAD FRAENKEL	27-10-2016				
			NAME			
			CONN & ANALOG			
			DRAWING No.		REV.	SCALE
PHILIPS MEDICAL SYSTEMS TECHNOLOGIES LTD.			DMR287424 [01]		1:1	A3
			SHEET 2 OF 35			
CONTENTS PROPERTY OF PHILIPS MEDICAL SYSTEMS TECHNOLOGIES LTD. NO UNAUTHORIZED USE PERMITTED.						

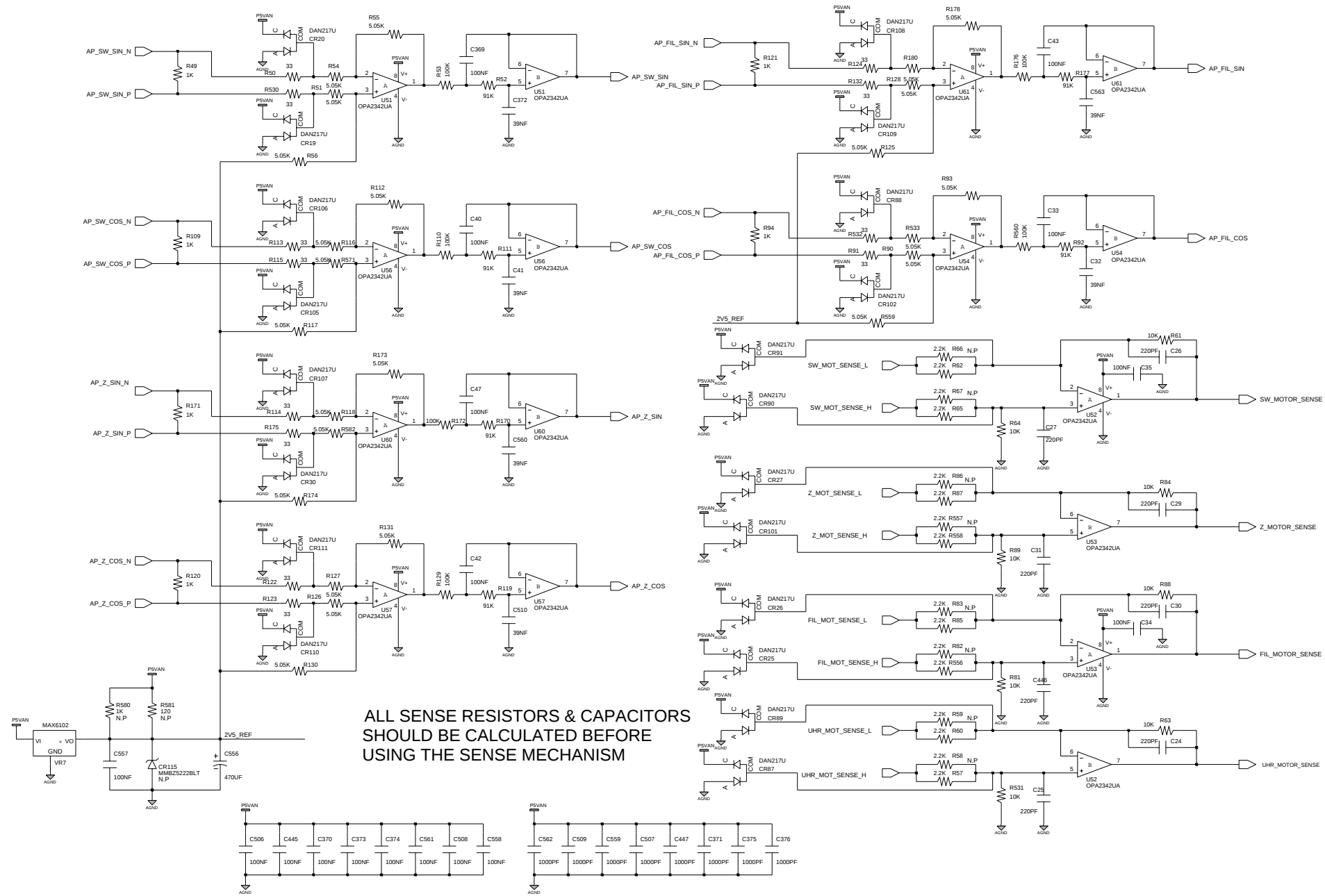


	NAME	DATE	EQUIPMENT	ASSEMBLY NAME					
DESIGNER	ADEEB KHAIR	27-10-2016							
CHECKER	LIRON RODAVSKY	27-10-2016							
APPROVAL	GAD FRAENKEL	27-10-2016		No.					
			NAME						
			DMP16 OPTO ISOLATION						
PHILIPS MEDICAL SYSTEMS TECHNOLOGIES LTD.			DRAWING No.			REV.	SCALE	SIZE	
						DMR287424	[01]	1:1	A3
			SHEET 4 OF 33						
CONTENTS PROPERTY OF PHILIPS MEDICAL SYSTEMS TECHNOLOGIES LTD. NO UNAUTHORIZED USE PERMITTED.									

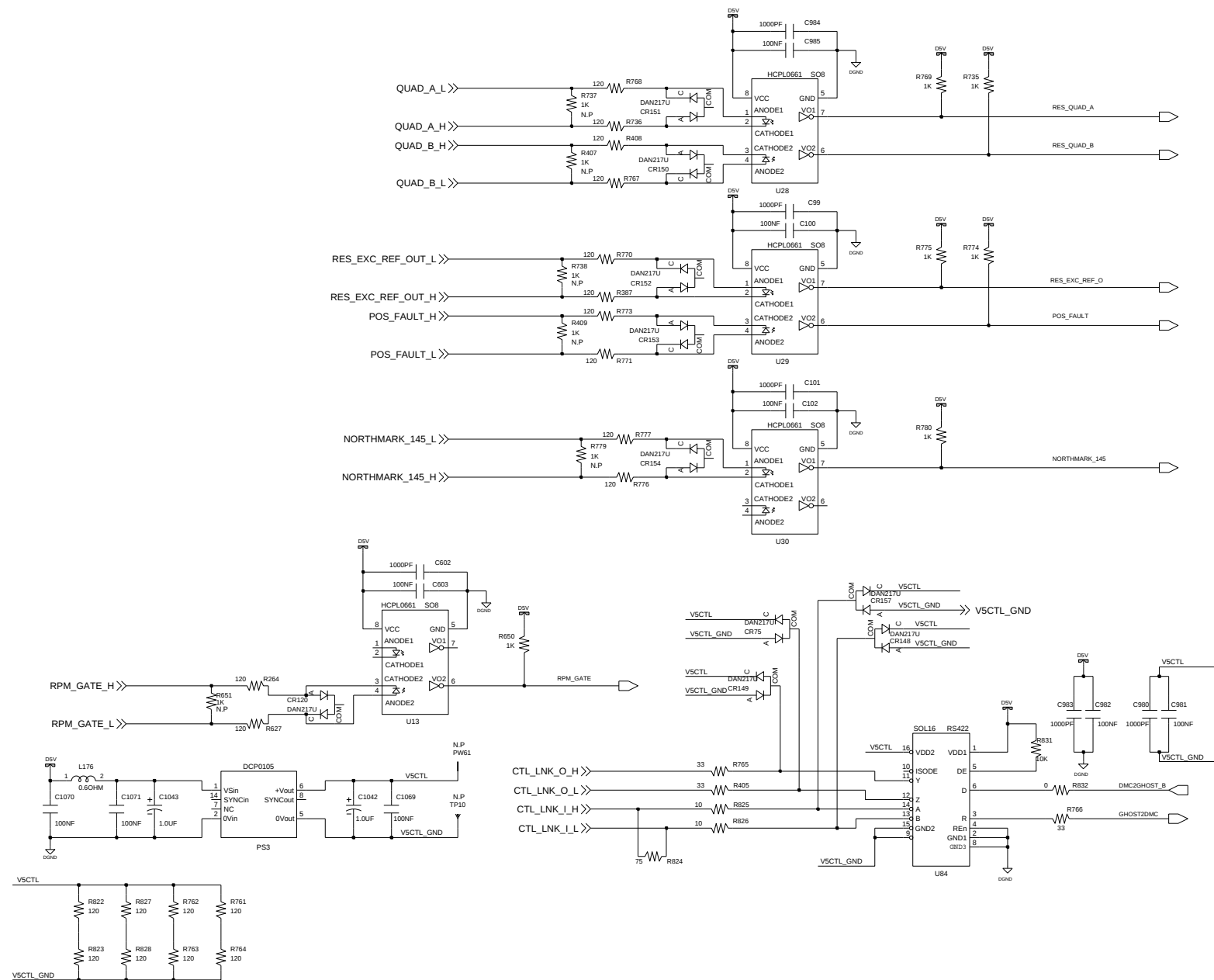
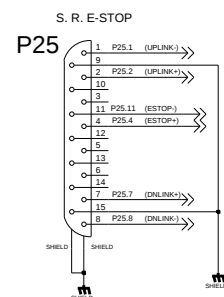
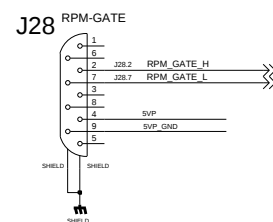
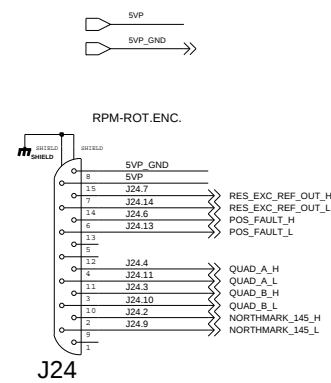


	NAME	DATE	EQUIPMENT	ASSEMBLY NAME
DESIGNER	ADEEB KHAIR	27-10-2016		
CHECKER	LIRON RODAVSKY	27-10-2016		
APPROVAL	GAD FRAENKEL	27-10-2016		No.
			NAME	
			DMP16 FILTER CAPS 1	
			DRAWING No.	REV.
			DMR287424 [01]	SCALE
			1:1	SIZE
			A3	
			SHEET	5 OF 33
CONTENTS PROPERTY OF PHILIPS MEDICAL SYSTEMS TECHNOLOGIES LTD. NO UNAUTHORIZED USE PERMITTED.				

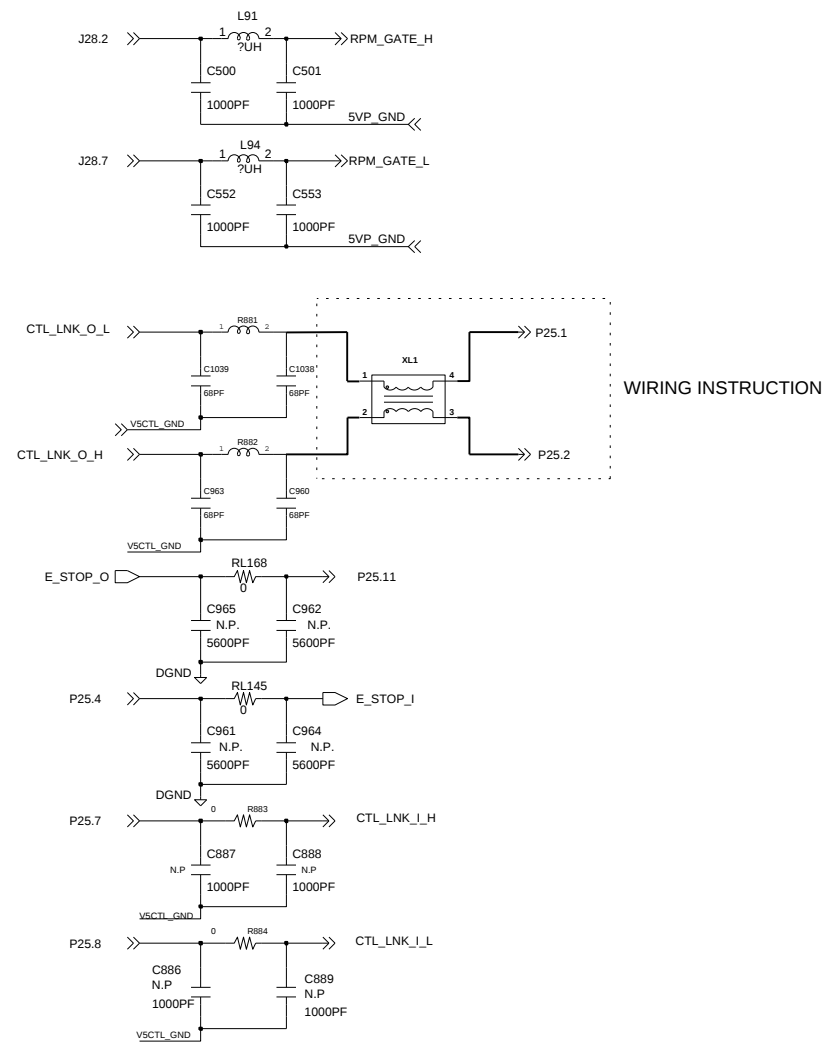
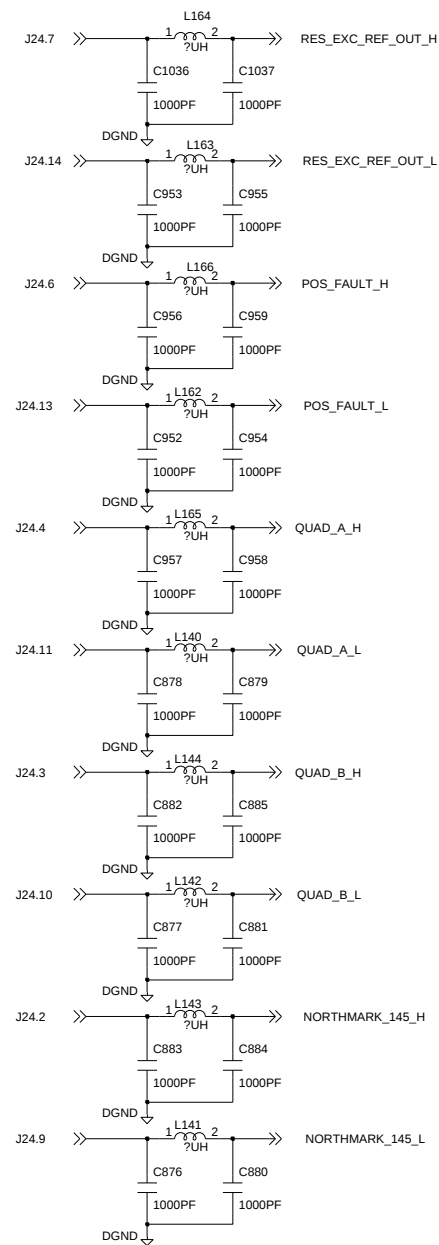




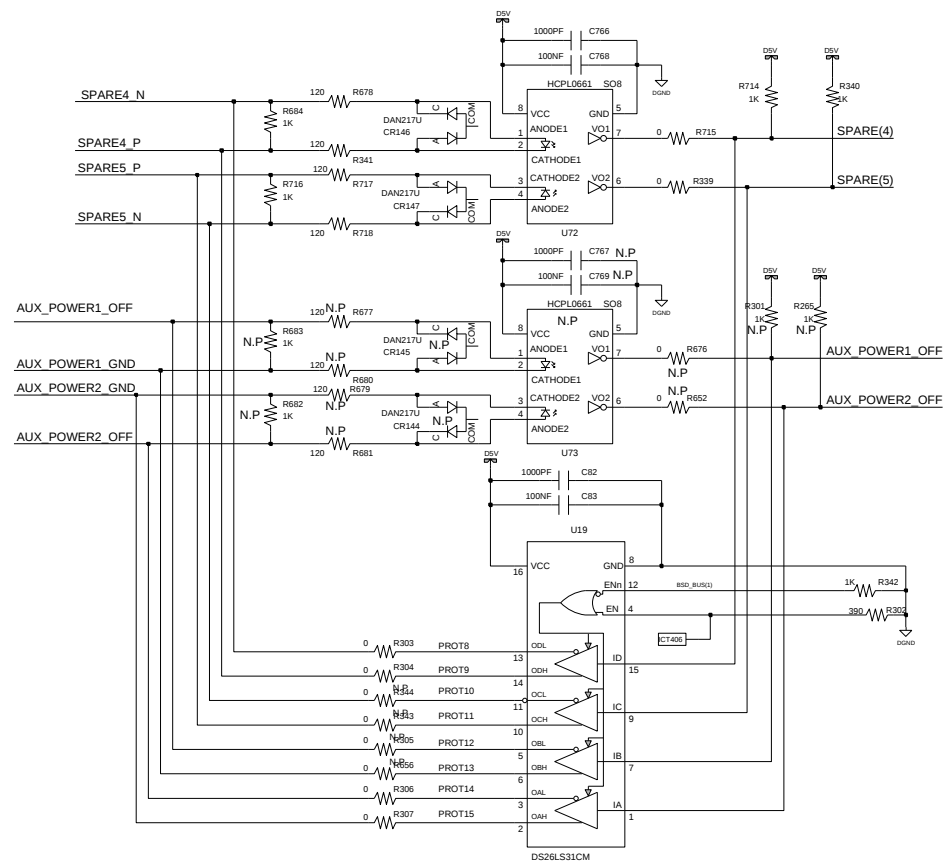
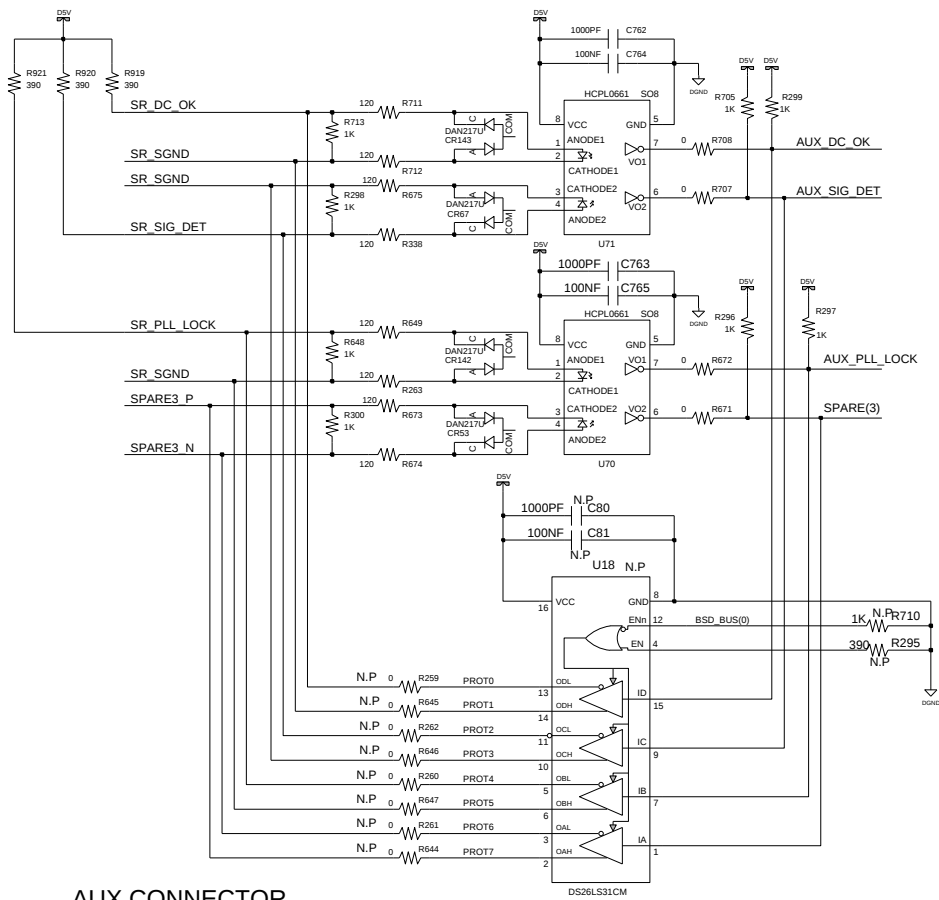
NAME	DATE	EQUIPMENT	ASSEMBLY NAME
DESIGNER	ADEEB KHAIR	27-10-2016	
CHECKER	LIRON RODAVSKY	27-10-2016	
APPROVAL	GAD FRAENKEL	27-10-2016	
		NAME	ANALOG DRIVERS
		DRAWING No.	DMR287424 [01]
		REV.	1:1
		SCALE	A3
		SIZE	
PHILIPS MEDICAL SYSTEMS TECHNOLOGIES LTD. NO UNAUTHORIZED USE PERMITTED.			
SHEET 7 OF 35			



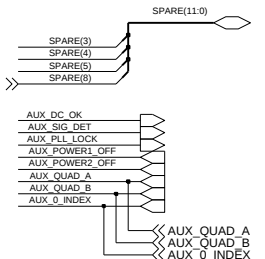
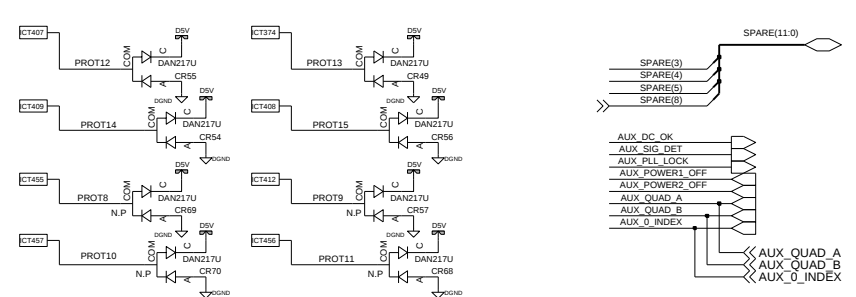
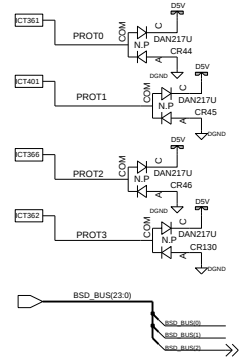
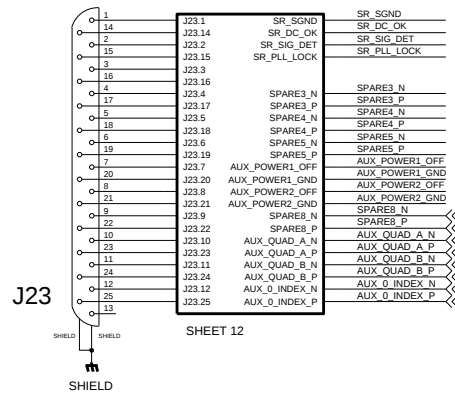
	NAME	DATE	EQUIPMENT	ASSEMBLY NAME			
DESIGNER	ADEEB KHAIR	27-10-2016					
CHECKER	LIRON RODAVSKY	27-10-2016					
APPROVAL	GAD FRAENKEL	27-10-2016		No.			
			NAME				
			RPM&ENCODER				
			DRAWING No.		REV.	SCALE	SIZE
PHILIPS MEDICAL SYSTEMS TECHNOLOGIES LTD.			DMR287424 [01]		1:1	A3	
SHEET 8 OF 35							
CONTENTS PROPERTY OF PHILIPS MEDICAL SYSTEMS TECHNOLOGIES LTD. NO UNAUTHORIZED USE PERMITTED.							



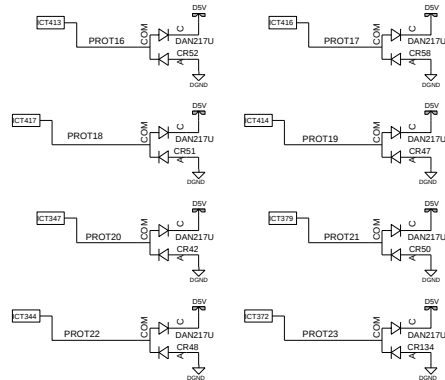
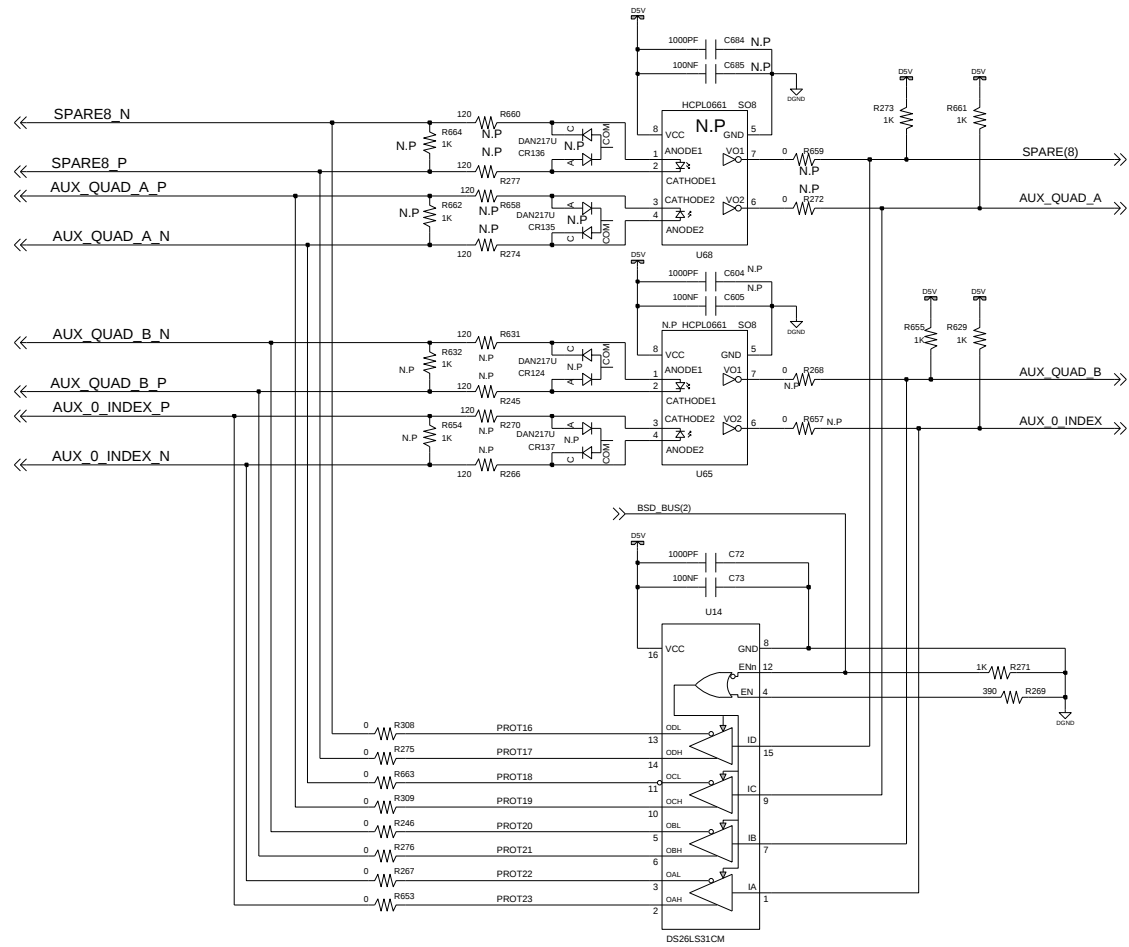
NAME		DATE	EQUIPMENT	ASSEMBLY NAME		
DESIGNER	ADEEB KHAIR	27-10-2016		No.		
CHECKER	LIRON RODAVSKY	27-10-2016				
APPROVAL	GAD FRAENKEL	27-10-2016				
PHILIPS MEDICAL SYSTEMS TECHNOLOGIES LTD. NAME RPM FILTER CAPS			DRAWING No.			
			REV.		SCALE	SIZE
			DMR287424 [01]		1:1	A3
PHILIPS MEDICAL SYSTEMS TECHNOLOGIES LTD. SHEET 9 OF 35 CONTENTS PROPERTY OF PHILIPS MEDICAL SYSTEMS TECHNOLOGIES LTD. NO UNAUTHORIZED USE PERMITTED.						



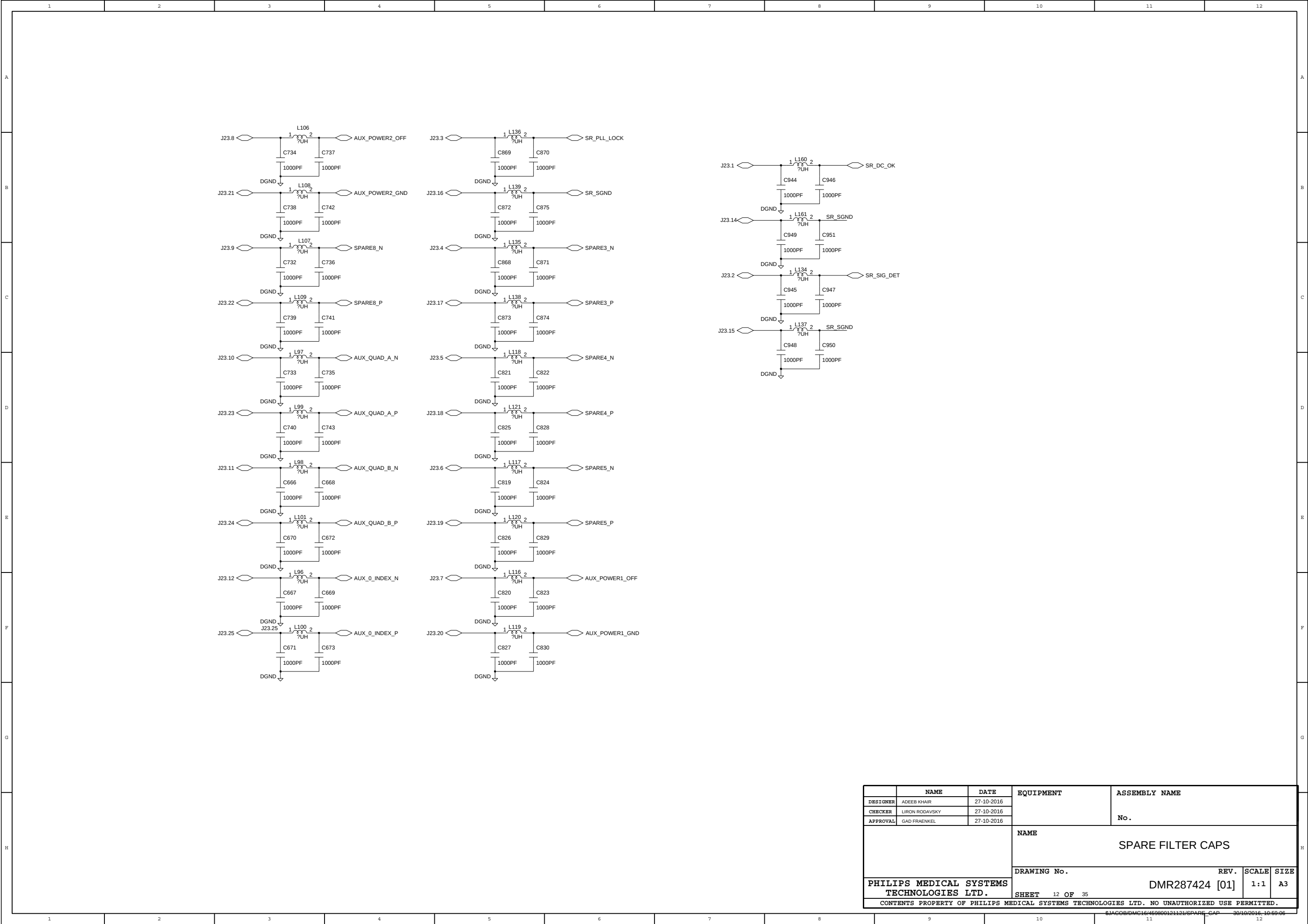
AUX CONNECTOR



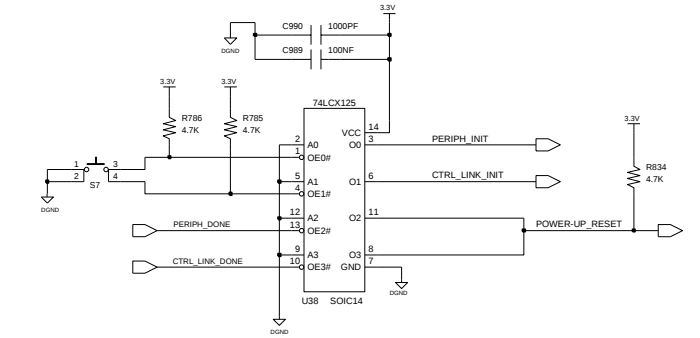
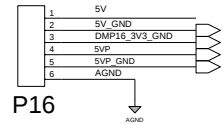
NAME	DATE	EQUIPMENT	ASSEMBLY NAME
DESIGNER	ADEEB KHAIR	27-10-2016	
CHECKER	LIRON RODAVSKY	27-10-2016	
APPROVAL	GAD FRAENKEL	27-10-2016	
NAME		SPARE_CONN(1)	
DRAWING No.		REV.	SCALE
PHILIPS MEDICAL SYSTEMS TECHNOLOGIES LTD.		DMR287424 [[01]	A3
SHEET 10 OF 35		CONTENTS PROPERTY OF PHILIPS MEDICAL SYSTEMS TECHNOLOGIES LTD. NO UNAUTHORIZED USE PERMITTED.	



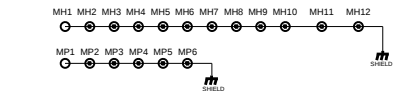
	NAME	DATE	EQUIPMENT	ASSEMBLY NAME
DESIGNER	ADEEB KHAIR	27-10-2016		
CHECKER	LIRON RODAVSKY	27-10-2016		
APPROVAL	GAD FRAENKEL	27-10-2016		No.
	NAME			
	SPARE_CONN(2)			
	DRAWING No.	REV.	SCALE	SIZE
	DMR287424 [[01]		1:1	A3
	SHEET 11 OF 35			
	CONTENTS PROPERTY OF PHILIPS MEDICAL SYSTEMS TECHNOLOGIES LTD. NO UNAUTHORIZED USE PERMITTED.			



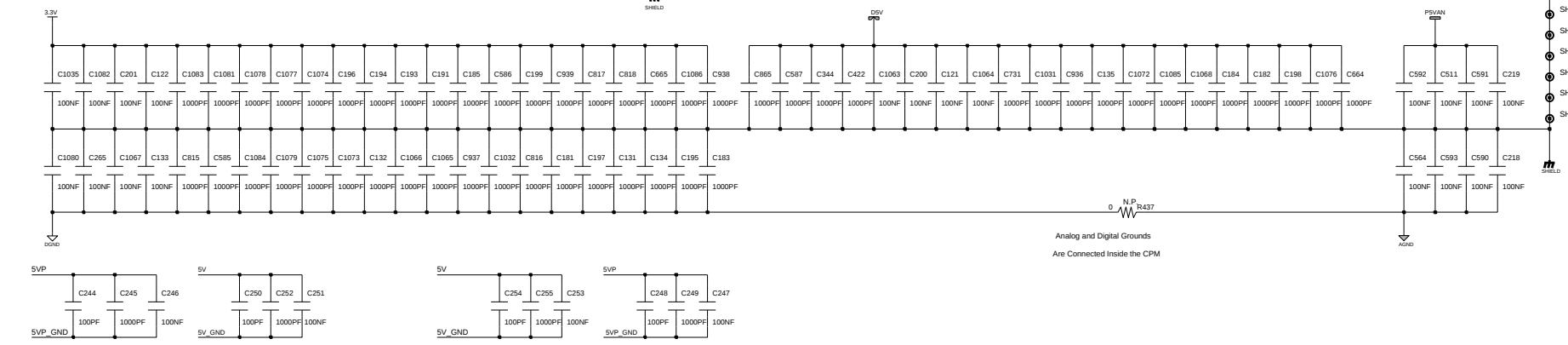
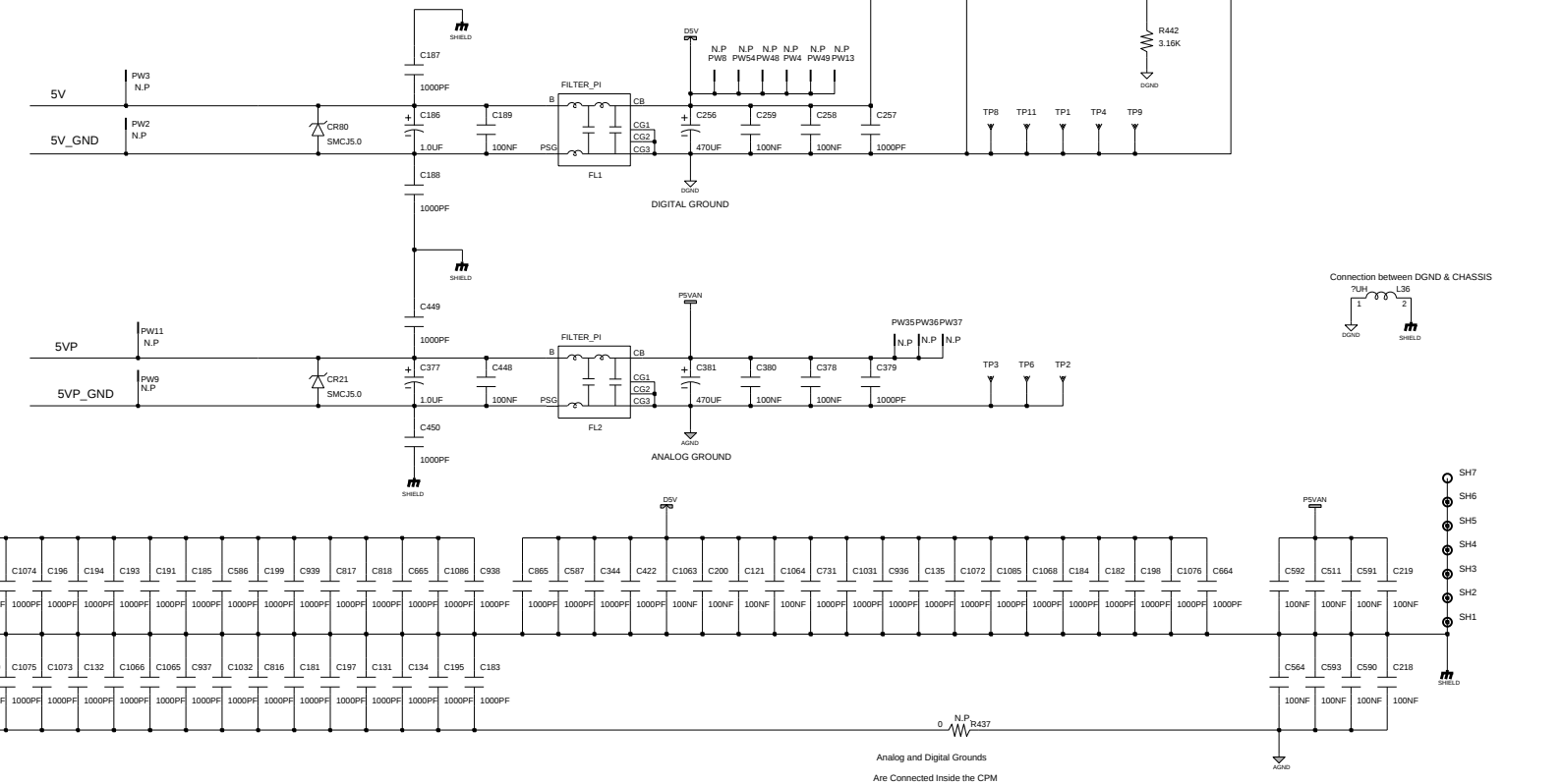
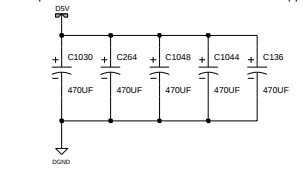
IDC 6 POWER POS.
POWER FROM DMP



MECHANICAL PADS

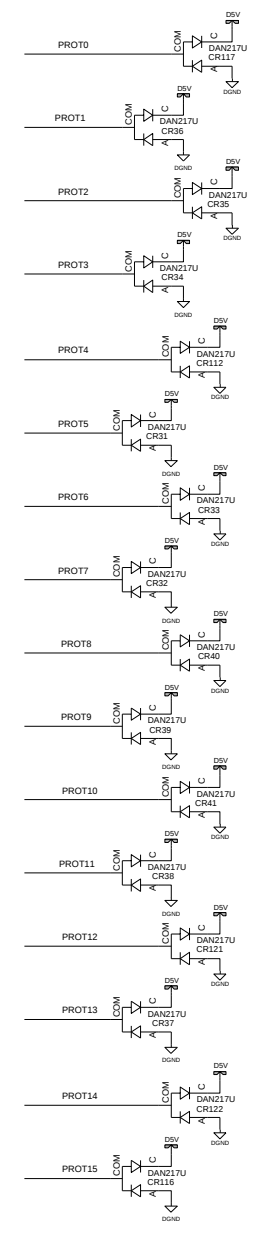
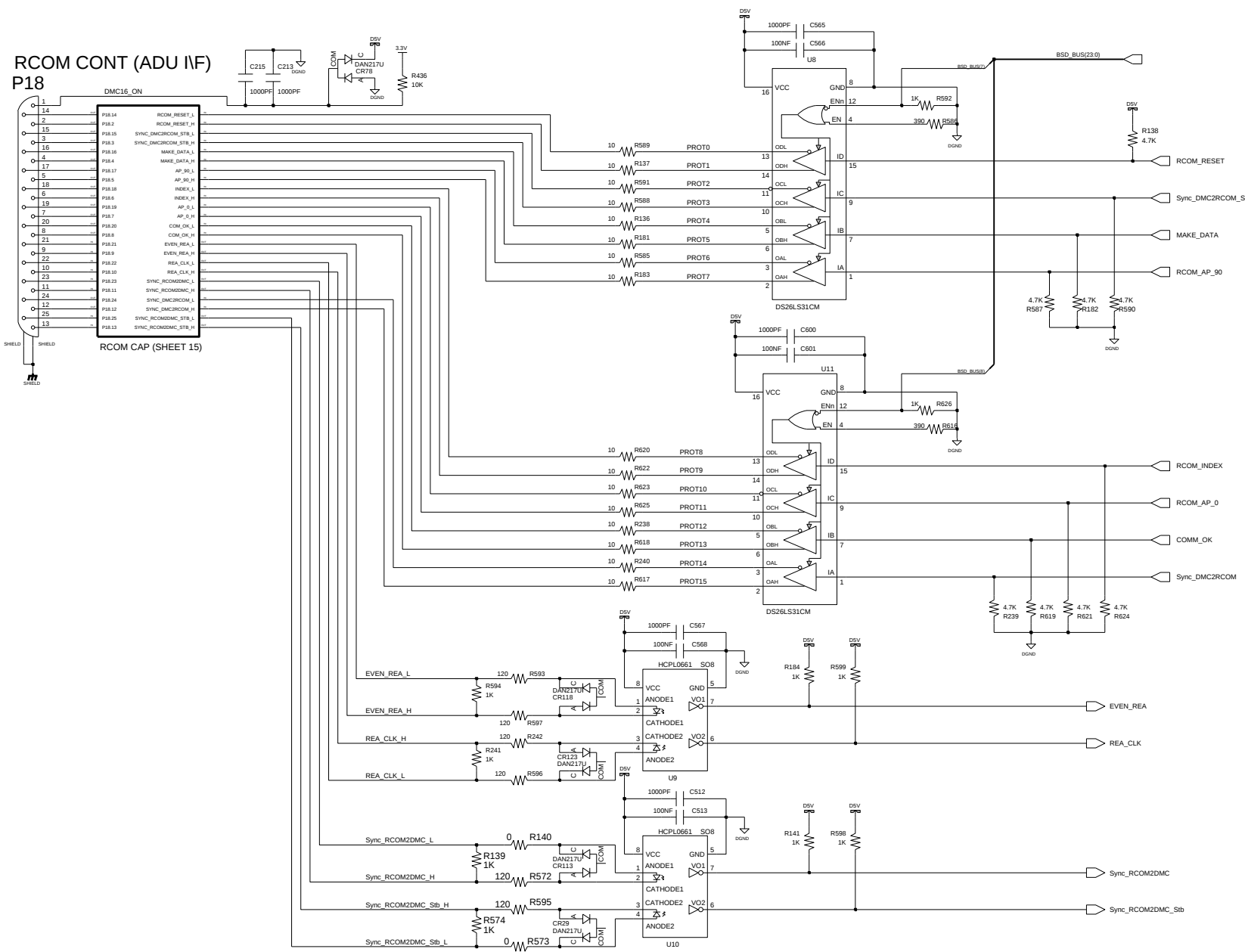


To be placed on the far side of the board from the supply

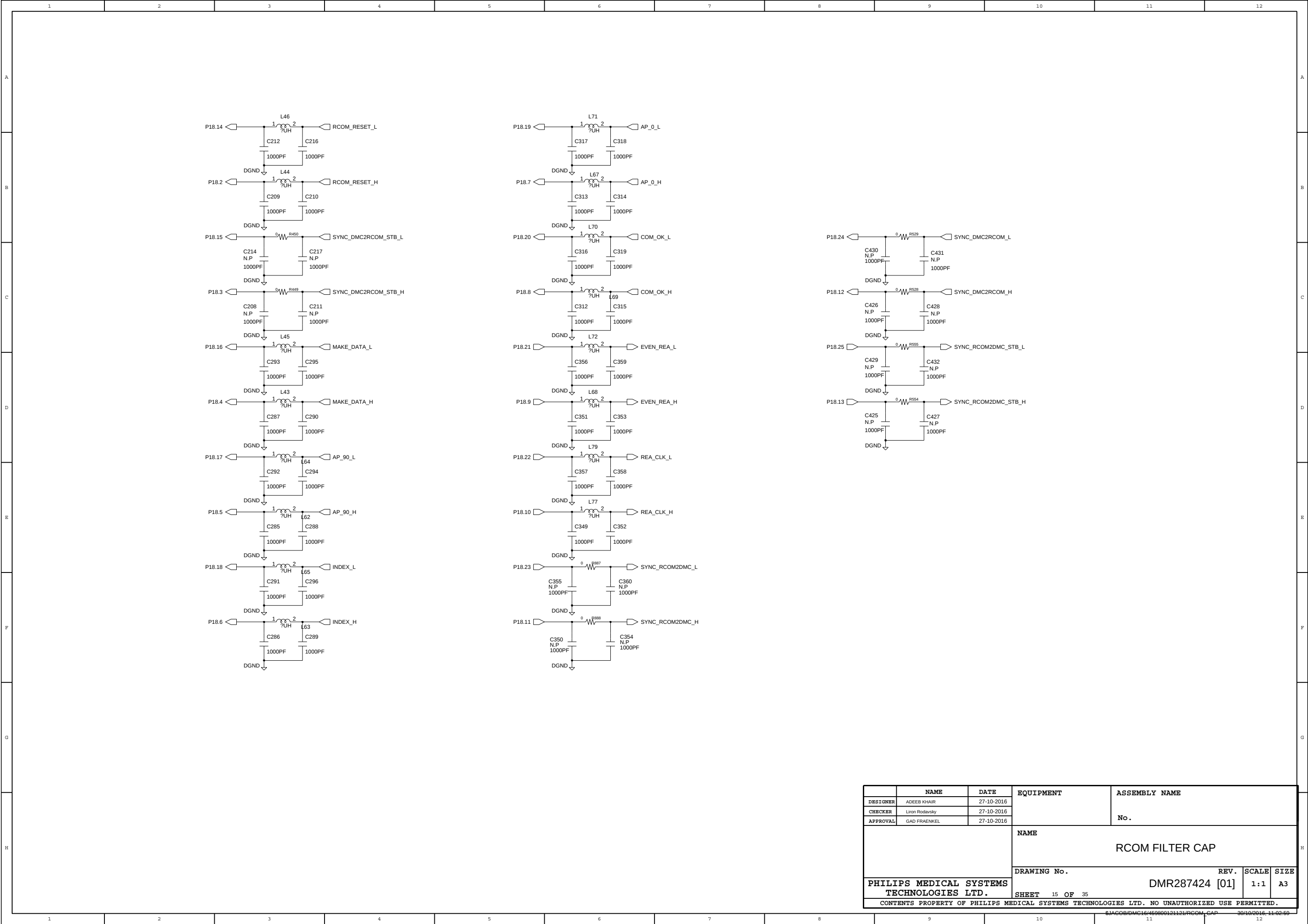


NAME		DATE	EQUIPMENT	ASSEMBLY NAME No.				
DESIGNER	ADEEB KHAIR	27-10-2016						
CHECKER	LIRON RODAVSKY	27-10-2016						
APPROVAL	GAD FRAENKEL	27-10-2016						
PHILIPS MEDICAL SYSTEMS TECHNOLOGIES LTD.			NAME POWER					
			DRAWING No.			REV.	SCALE	SIZE
			SHEET 13 OF 35			DMR287424 [01] 1:1 A3		
CONTENTS PROPERTY OF PHILIPS MEDICAL SYSTEMS TECHNOLOGIES LTD. NO UNAUTHORIZED USE PERMITTED.								

RCOM CONT (ADU IIF)
P18

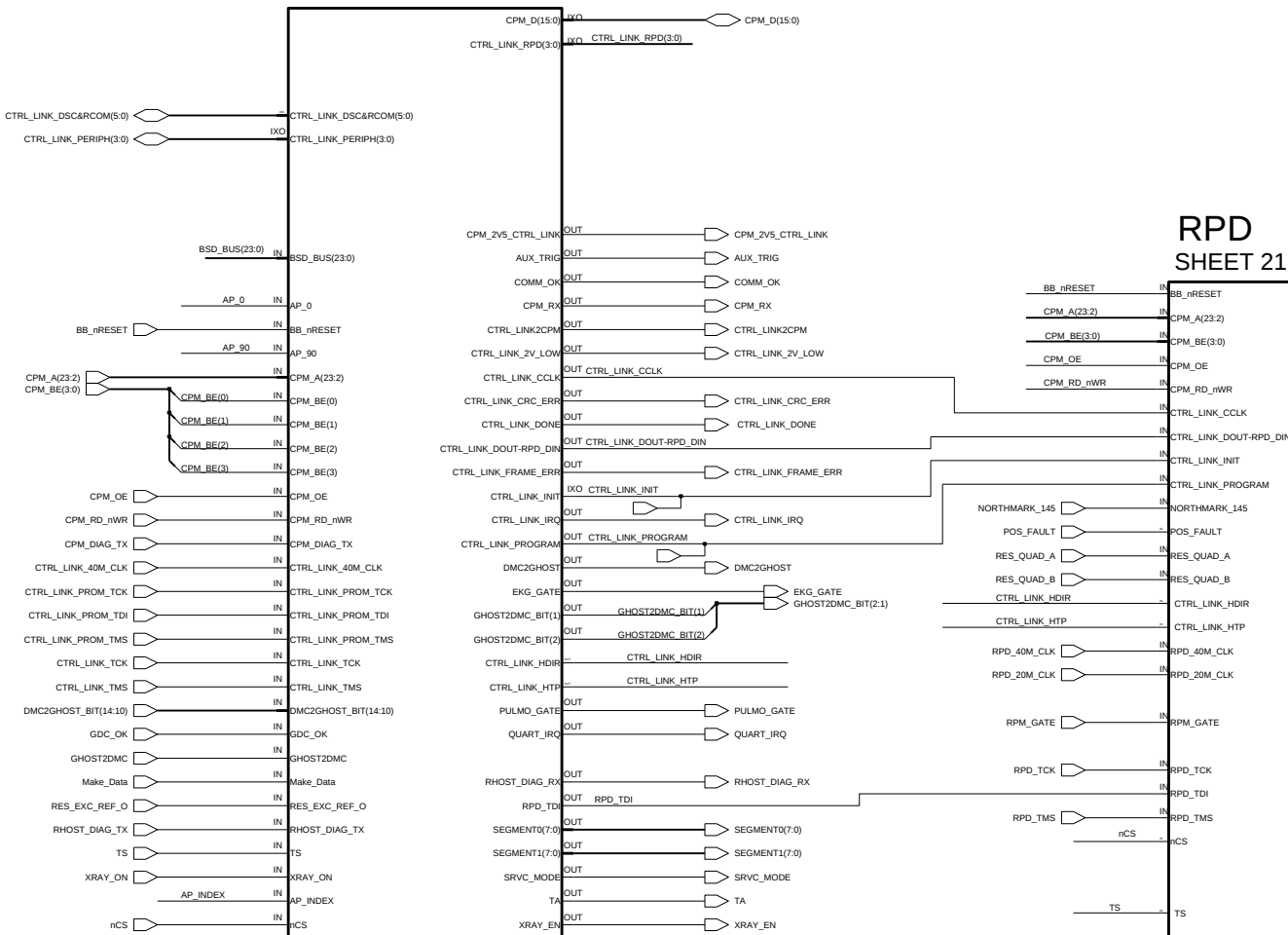


	NAME		DATE		EQUIPMENT	ASSEMBLY NAME			
DESIGNER	ADEEB KHAIR		27-10-2016						
CHECKER	LIRON RODAVSKY		27-10-2016						
APPROVAL	GAD FRAENKEL		27-10-2016						
					No.				
					NAME RCOM INTERFACE				
PHILIPS MEDICAL SYSTEMS TECHNOLOGIES LTD.					DRAWING No.		REV.	SCALE	SIZE
							DMR287424 [01]		1:1
					SHEET 14 OF 35				
CONTENTS PROPERTY OF PHILIPS MEDICAL SYSTEMS TECHNOLOGIES LTD. NO UNAUTHORIZED USE PERMITTED.									

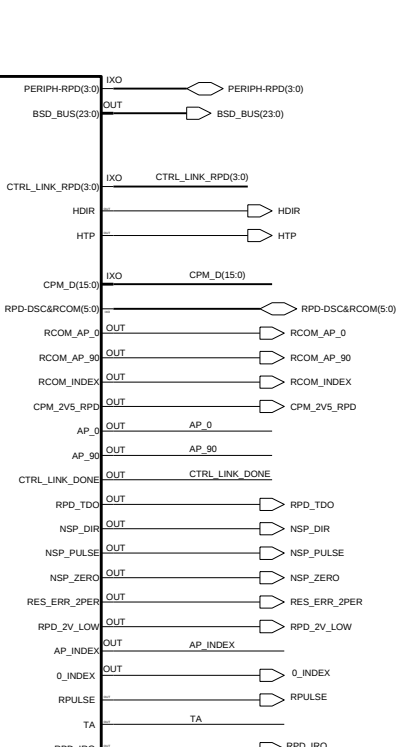


	NAME	DATE	EQUIPMENT	ASSEMBLY NAME				
DESIGNER	ADEEB KHAIR	27-10-2016		No.				
CHECKER	Liron Rodavsky	27-10-2016						
APPROVAL	GAD FRAENKEL	27-10-2016						
			NAME					
			RCOM FILTER CAP					
PHILIPS MEDICAL SYSTEMS TECHNOLOGIES LTD.			DRAWING No.		REV.	SCALE	SIZE	
			DMR287424 [01]				1:1	A3
			SHEET 15 OF 35					
CONTENTS PROPERTY OF PHILIPS MEDICAL SYSTEMS TECHNOLOGIES LTD. NO UNAUTHORIZED USE PERMITTED.								

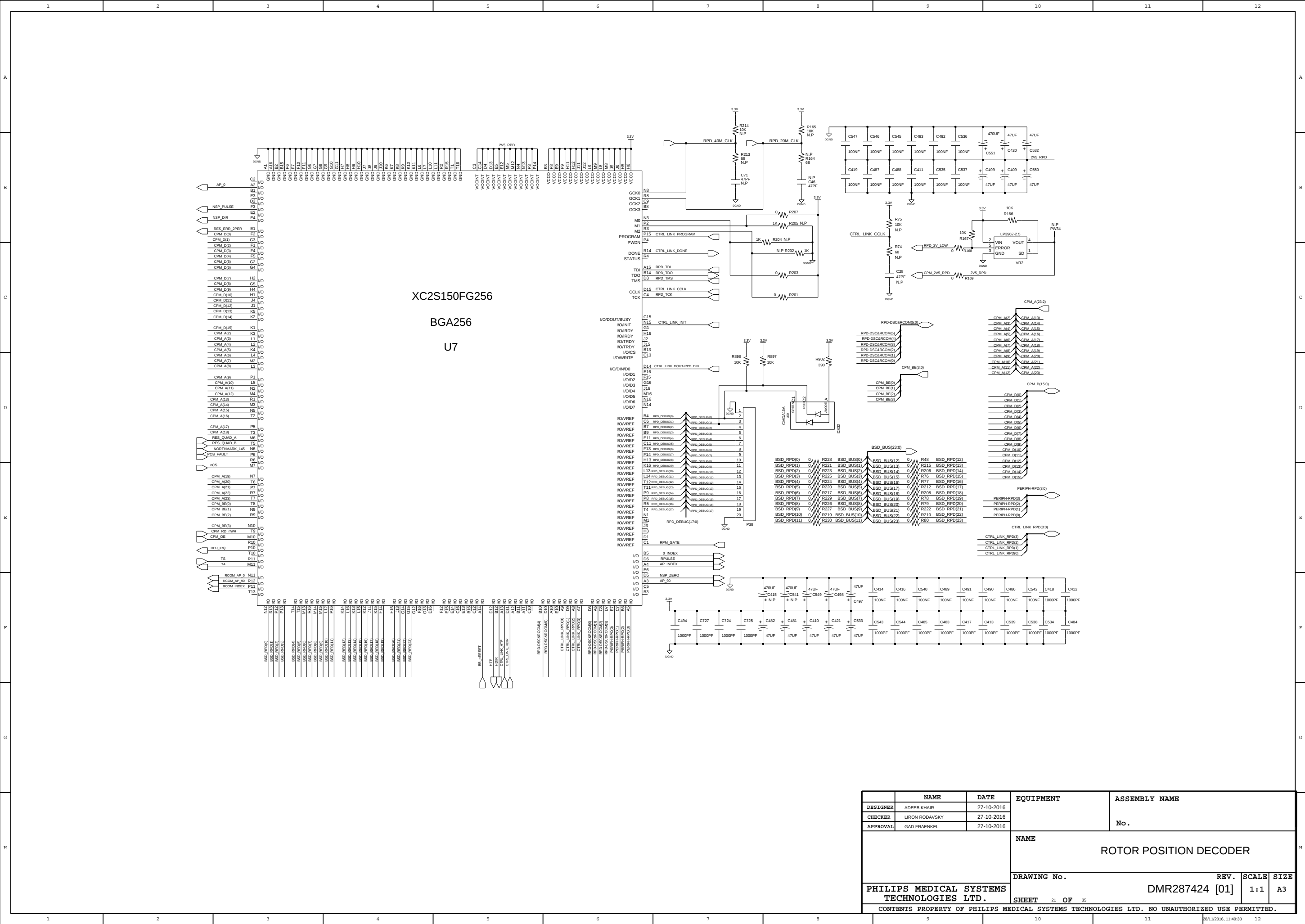
CTRL LINK
SHEET 19,20



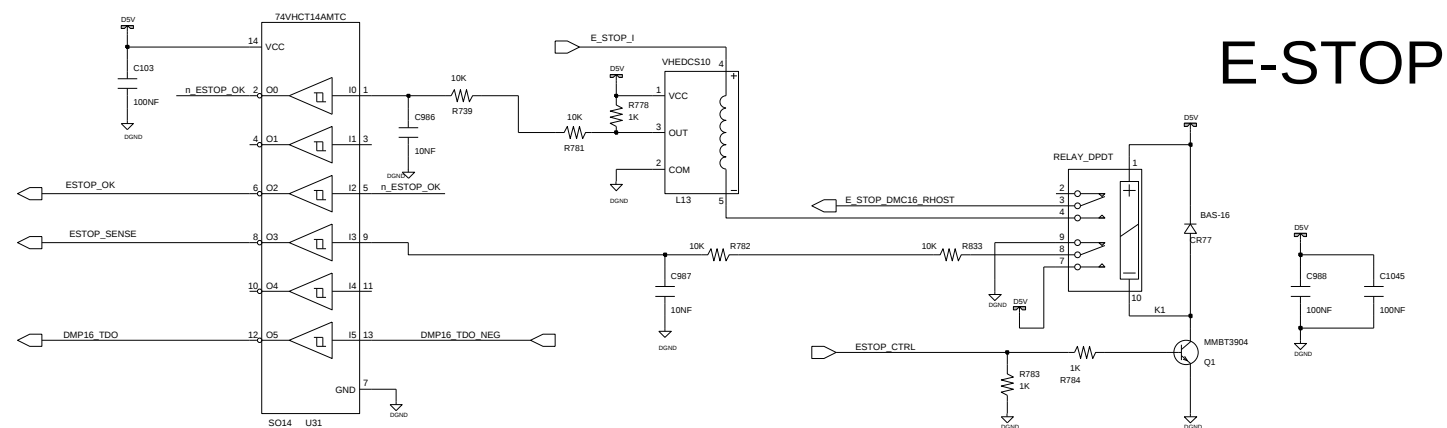
RPD
SHEET 21



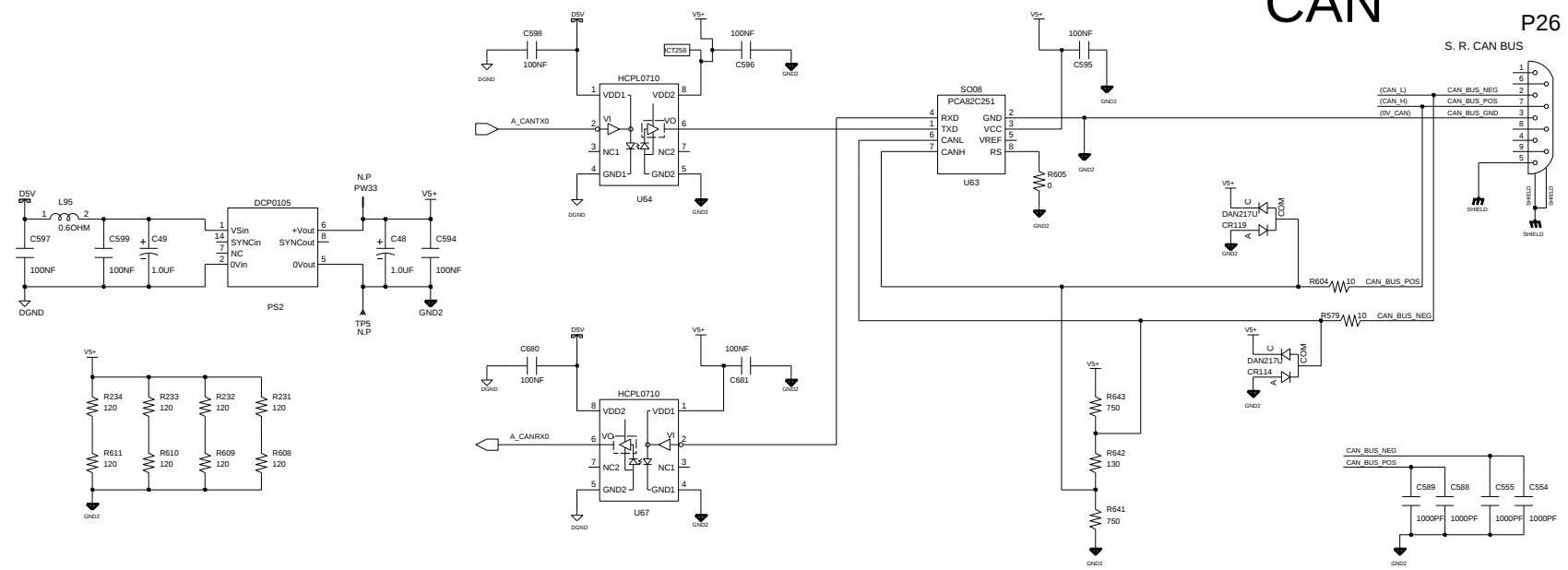
	NAME	DATE	EQUIPMENT	ASSEMBLY NAME				
DESIGNER	ADEEB KHAIR	27-10-2016		No.				
CHECKER	LIRON RODAVSKY	27-10-2016						
APPROVAL	GAD FRAENKEL	27-10-2016						
			NAME					
			CTL_LINK & RPD FPGAs					
PHILIPS MEDICAL SYSTEMS TECHNOLOGIES LTD.			DRAWING No.		REV.	SCALE	SIZE	
			459800121111		B	1:1	A3	
			SHEET 18 OF 35					
CONTENTS PROPERTY OF PHILIPS MEDICAL SYSTEMS TECHNOLOGIES LTD. NO UNAUTHORIZED USE PERMITTED.								



NAME	DATE	EQUIPMENT	ASSEMBLY NAME
DESIGNER	ADEEB KHAIR	27-10-2016	
CHECKER	LIRON RODAVSKY	27-10-2016	
APPROVAL	GAD FRAENKEL	27-10-2016	No.
NAME		ROTOR POSITION DECODER	
DRAWING No.		REV.	SCALE
PHILIPS MEDICAL SYSTEMS TECHNOLOGIES LTD.		DMR287424 [01]	1:1
SHEET		21 OF 35	A3
CONTENTS PROPERTY OF PHILIPS MEDICAL SYSTEMS TECHNOLOGIES LTD. NO UNAUTHORIZED USE PERMITTED.			

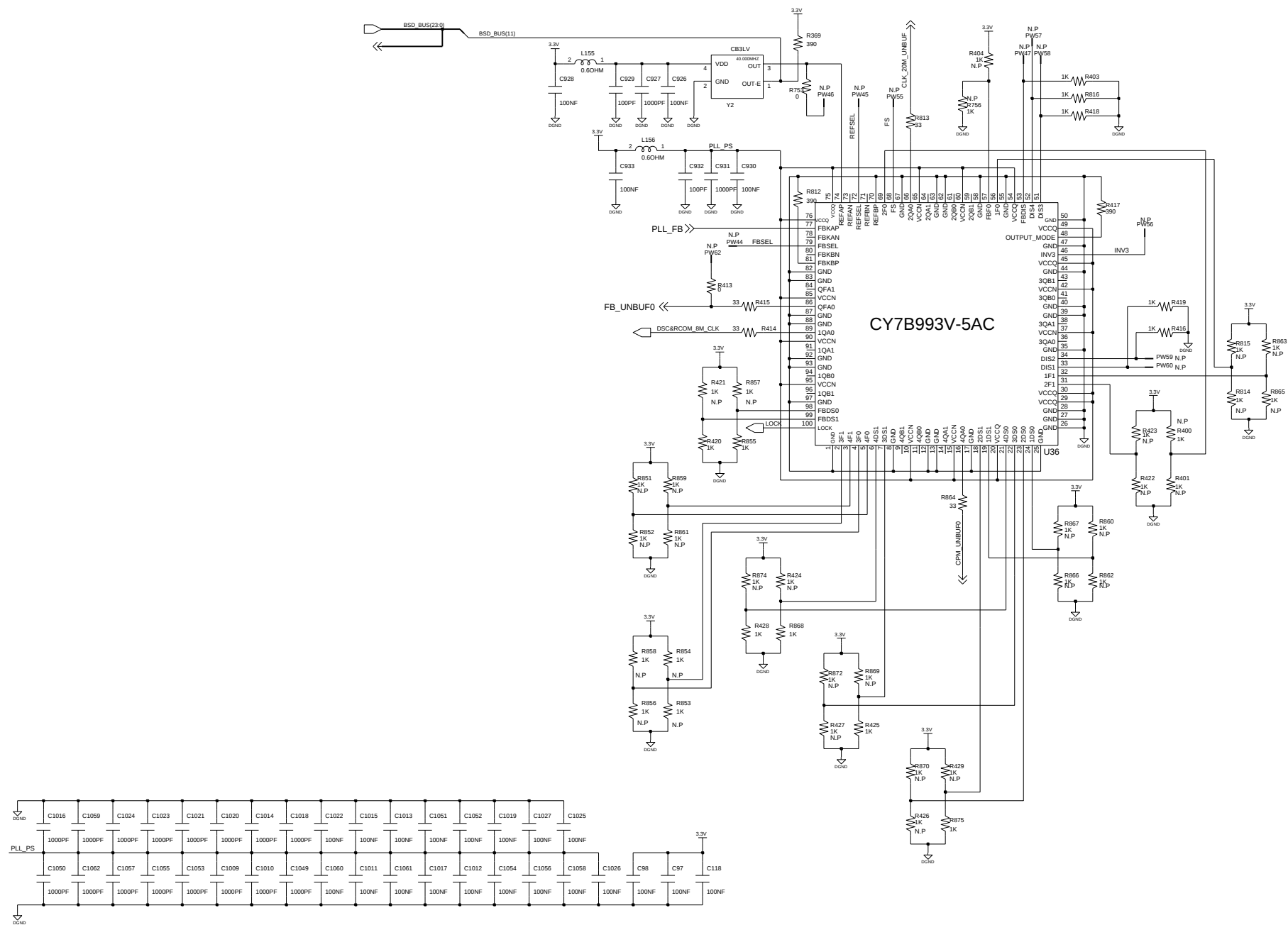


E-STOP

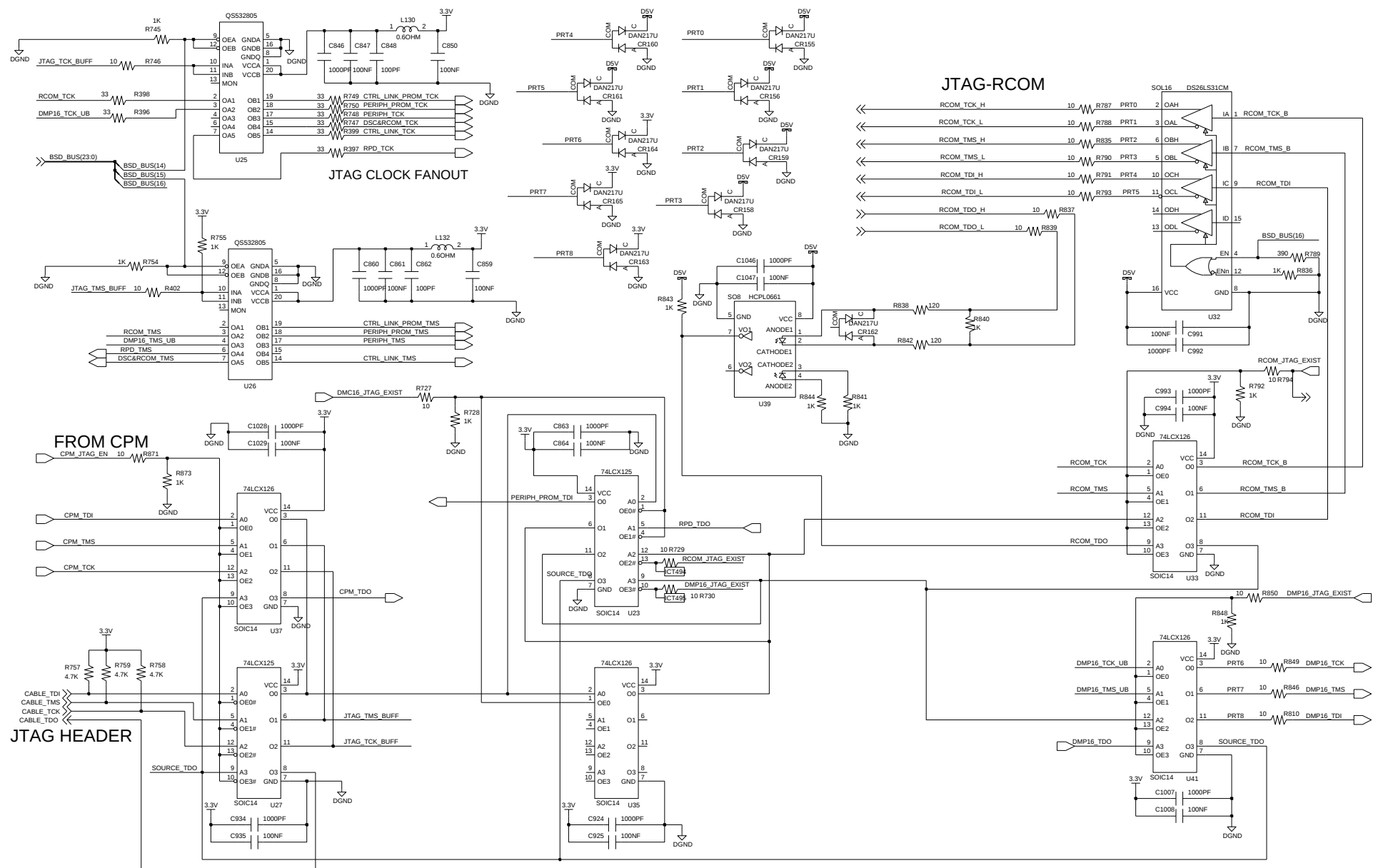


CAN

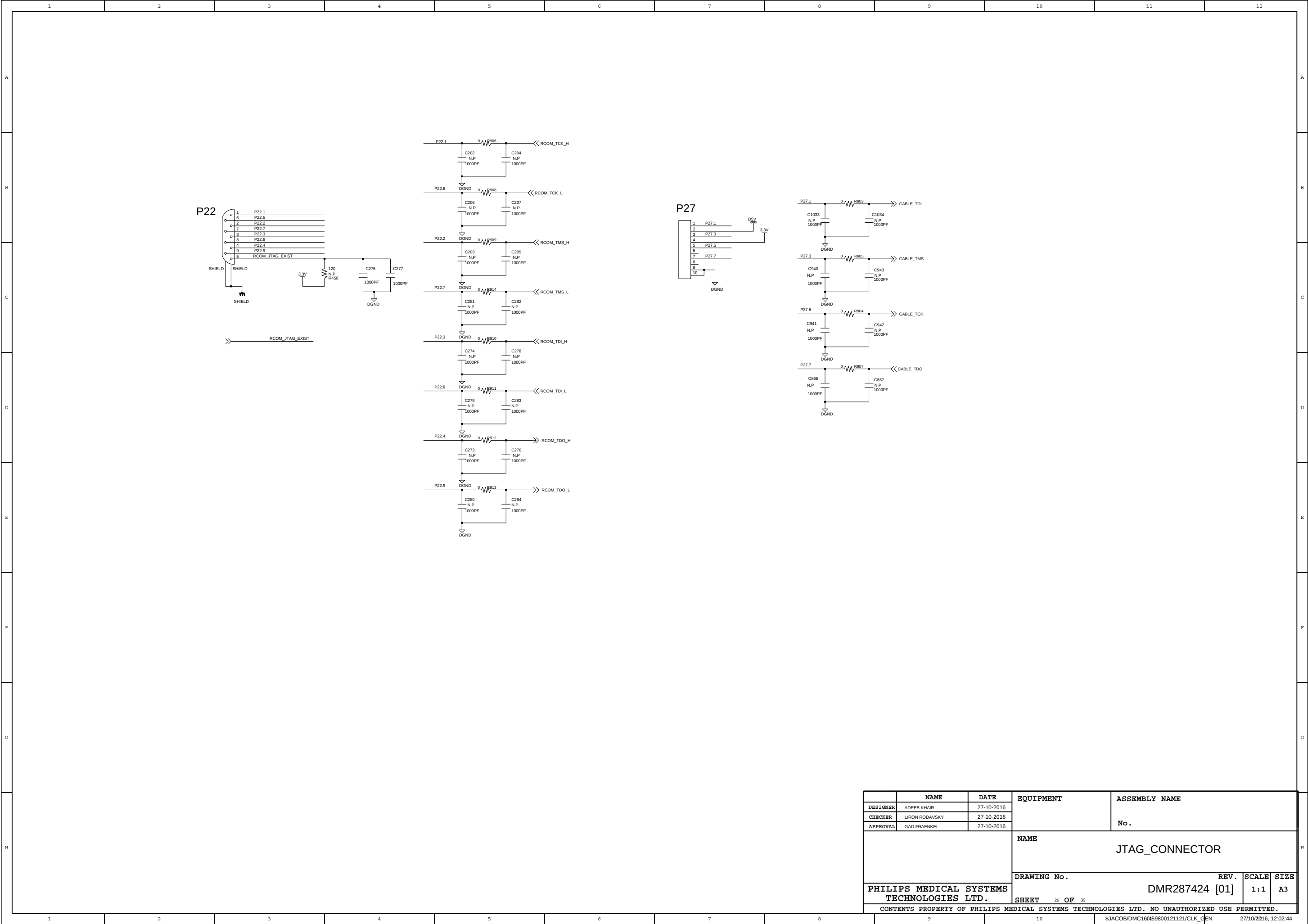
	NAME	DATE	EQUIPMENT	ASSEMBLY NAME			
DESIGNER	ADEEB KHAIR	27-10-2016		No.			
CHECKER	LIRON RODAVSKY	27-10-2016					
APPROVAL	GAD FRAENKEL	27-10-2016					
			NAME				
			ESTOP & CAN BUS				
PHILIPS MEDICAL SYSTEMS TECHNOLOGIES LTD.			DRAWING No.		REV.	SCALE	SIZE
					DMR287424 [01]	1:1	A3
			SHEET 22 OF 35				
CONTENTS PROPERTY OF PHILIPS MEDICAL SYSTEMS TECHNOLOGIES LTD. NO UNAUTHORIZED USE PERMITTED.							



NAME	DATE	EQUIPMENT	ASSEMBLY NAME
DESIGNER	ADEEB KHAIR	27-10-2016	
CHECKER	LIRON RODAVSKY	27-10-2016	
APPROVAL	GAD FRAENKEL	27-10-2016	
		NAME	CLOCK GENERATOR
		DRAWING No.	DMR287424 [01]
		REV.	1:1
		SCALE	A3
		SIZE	
PHILIPS MEDICAL SYSTEMS TECHNOLOGIES LTD.			
SHEET 23 OF 35			
CONTENTS PROPERTY OF PHILIPS MEDICAL SYSTEMS TECHNOLOGIES LTD. NO UNAUTHORIZED USE PERMITTED.			

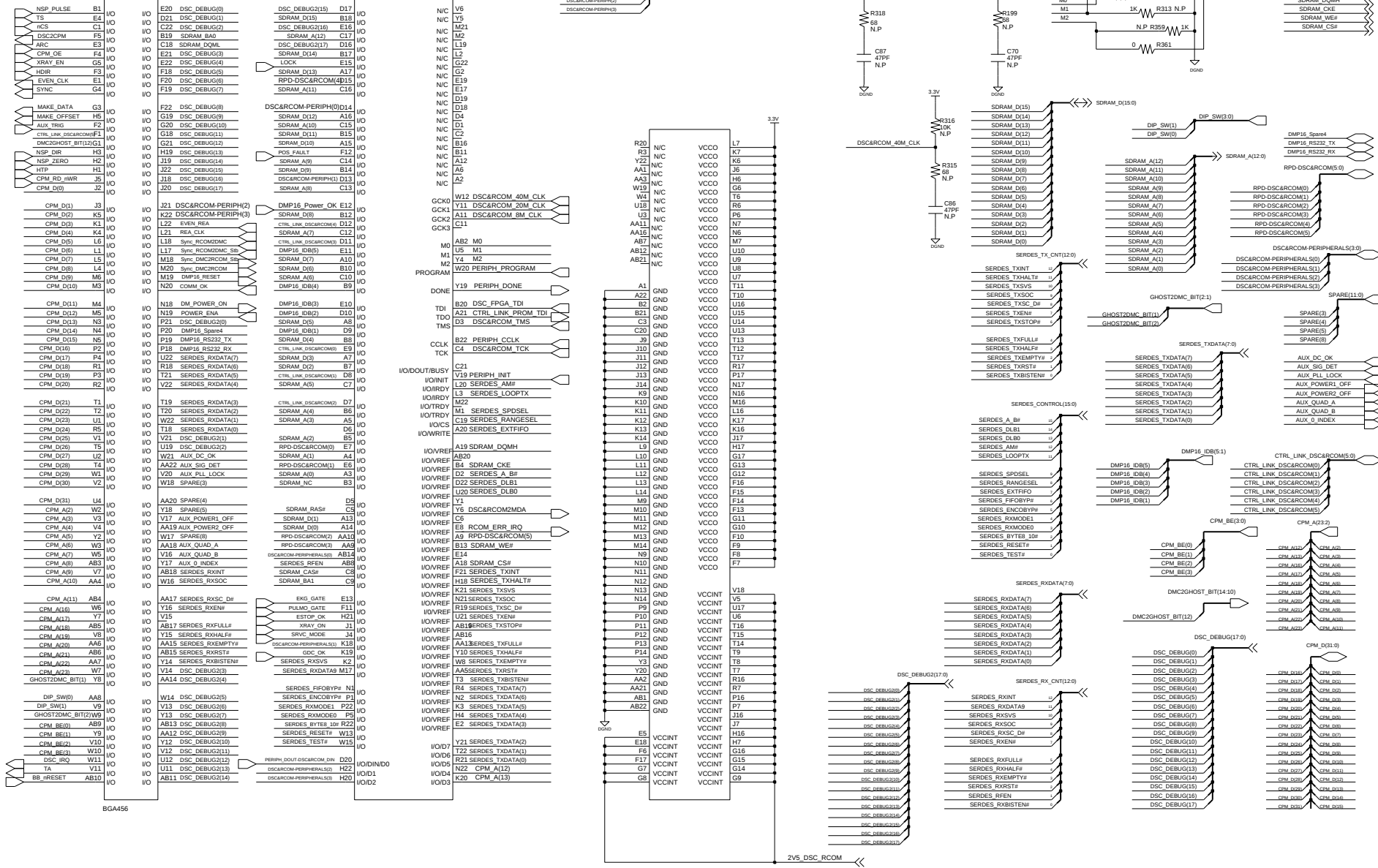


DESIGNER	NAME	DATE	EQUIPMENT	ASSEMBLY NAME
ADEEB KHAIR		27-10-2016		
CHECKER	LIRON RODAVSKY	27-10-2016		No.
APPROVAL	GAD FRAENKEL	27-10-2016		
			NAME	JTAG INTERFACE
			DRAWING No.	REV. SCALE SIZE
			DMR287424 [01]	1:1 A3
			SHEET 25 OF 35	
CONTENTS PROPERTY OF PHILIPS MEDICAL SYSTEMS TECHNOLOGIES LTD. NO UNAUTHORIZED USE PERMITTED.				

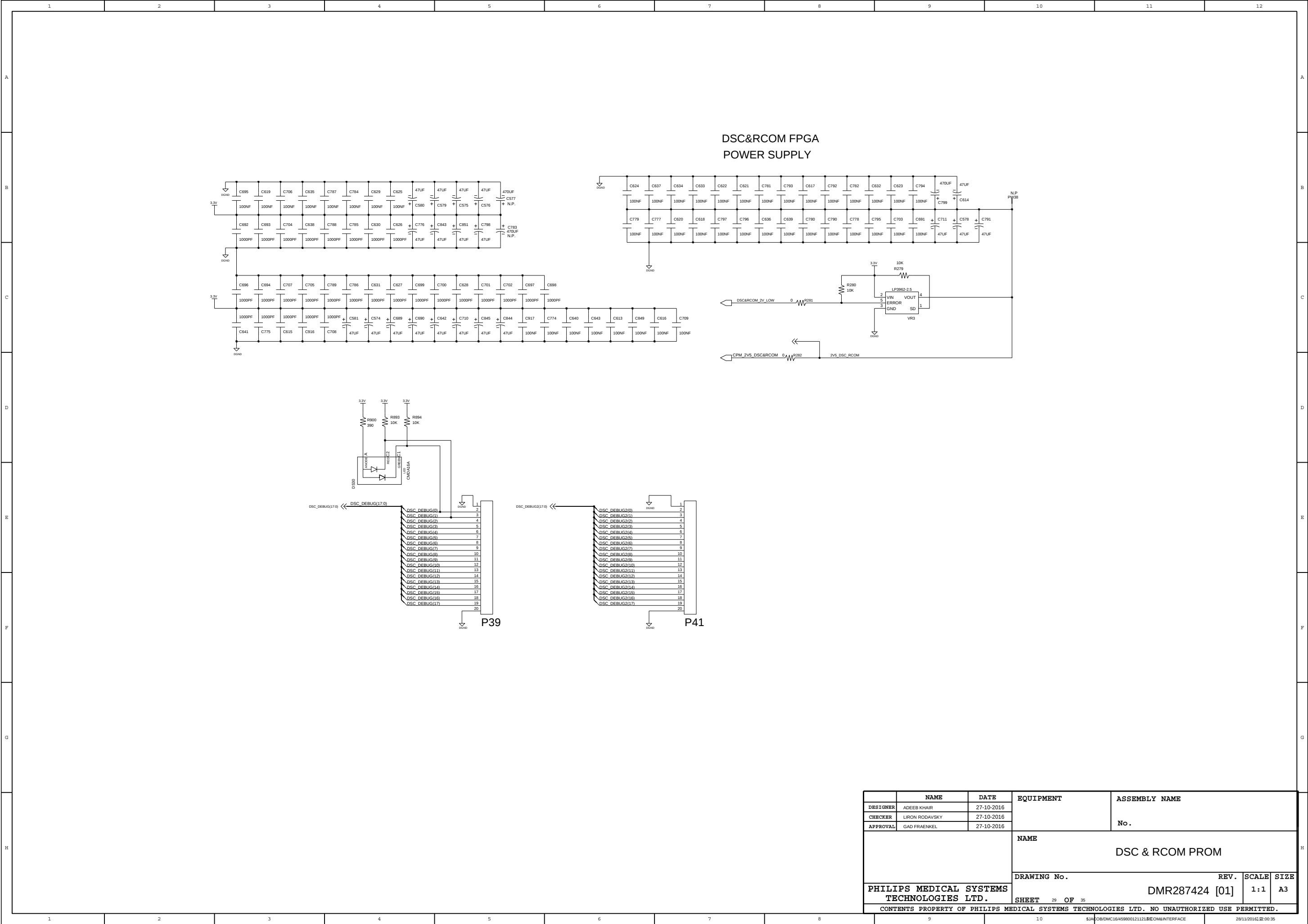


	NAME	DATE	EQUIPMENT	ASSEMBLY NAME					
DESIGNER	ADEEB KHAIR	27-10-2016		No.					
CHECKER	LIRON RODAVSKY	27-10-2016							
APPROVAL	GAD FRAENKEL	27-10-2016							
			NAME						
			JTAG_CONNECTOR						
PHILIPS MEDICAL SYSTEMS TECHNOLOGIES LTD.			DRAWING No.				REV.	SCALE	SIZE
			DMR287424				[01]	1:1	A3
			SHEET 26 OF 35						
CONTENTS PROPERTY OF PHILIPS MEDICAL SYSTEMS TECHNOLOGIES LTD. NO UNAUTHORIZED USE PERMITTED.									

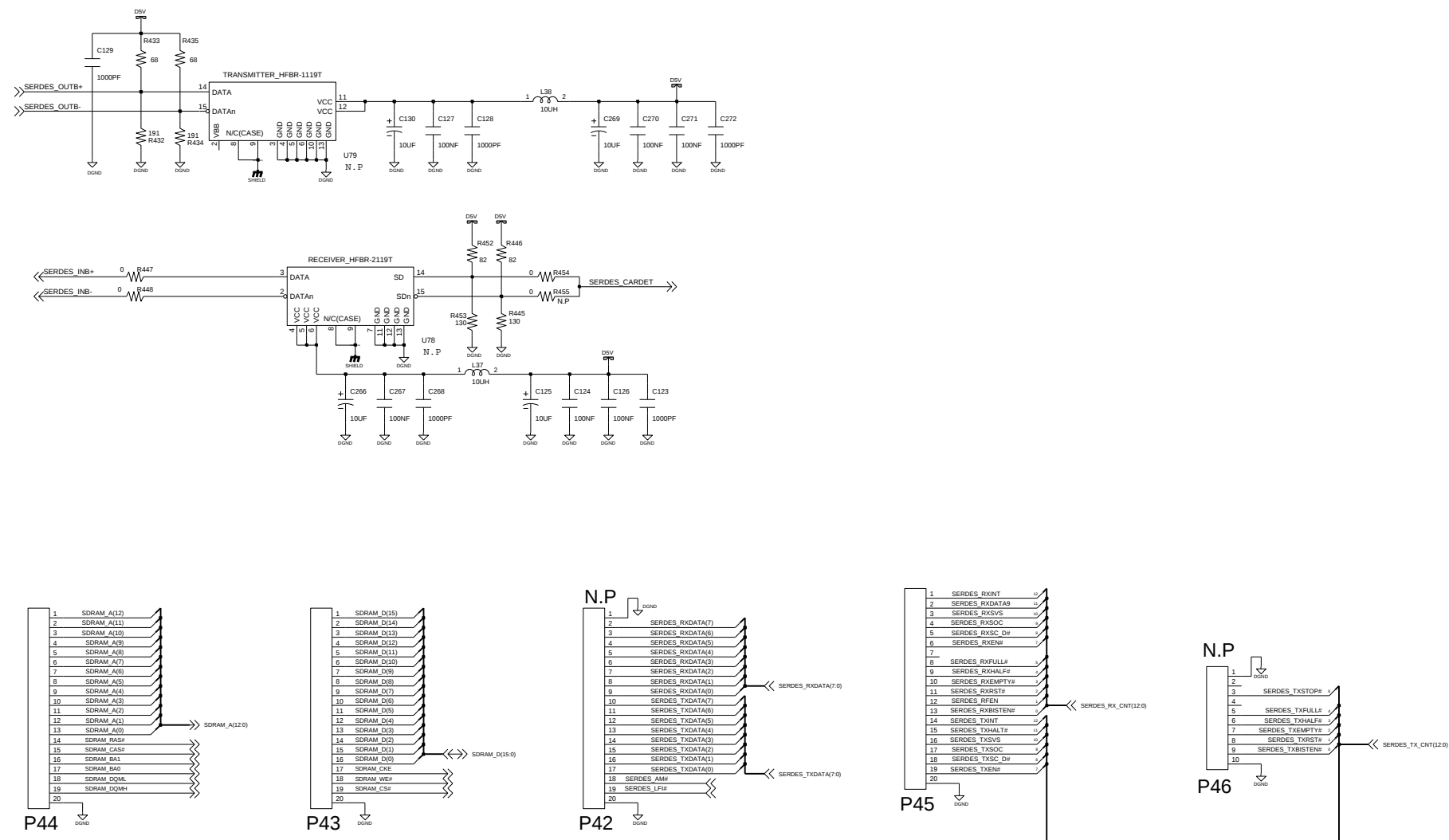
U15 XC2S200FG456



NAME		DATE	EQUIPMENT	ASSEMBLY NAME		
DESIGNER	ADEEB KHAIR	27-10-2016		No.		
CHECKER	LIRON RODAVSKY	27-10-2016				
APPROVAL	GAD FRAENKEL	27-10-2016				
			NAME			
			DSC & RCOM FPGA			
			DRAWING No.			
PHILIPS MEDICAL SYSTEMS TECHNOLOGIES LTD.			REV.			
			DMR287424 [01]			
			SCALE	SIZE		
			1:1	A3		
SHEET			28 OF 35			
CONTENTS PROPERTY OF PHILIPS MEDICAL SYSTEMS TECHNOLOGIES LTD. NO UNAUTHORIZED USE PERMITTED.						

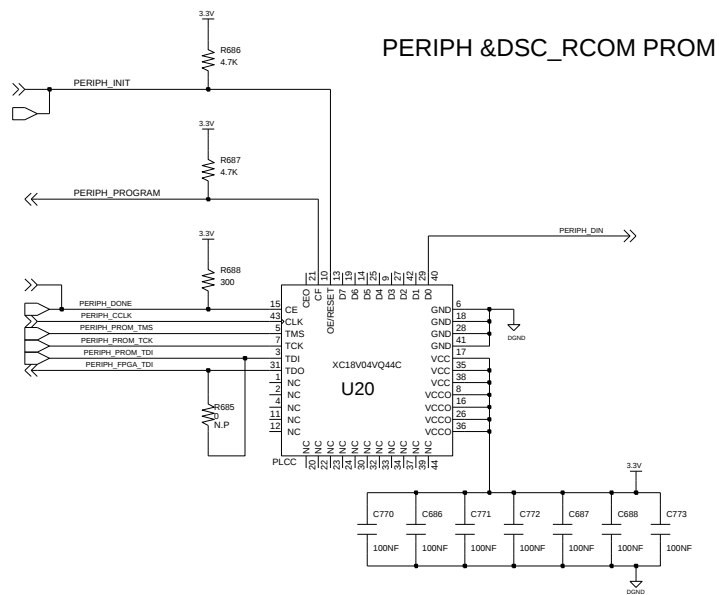


	NAME	DATE	EQUIPMENT	ASSEMBLY NAME
DESIGNER	ADEEB KHAIR	27-10-2016		
CHECKER	LIRON RODAVSKY	27-10-2016		
APPROVAL	GAD FRAENKEL	27-10-2016		
			NAME	DSC & RCOM PROM
			DRAWING No.	REV. SCALE SIZE
PHILIPS MEDICAL SYSTEMS TECHNOLOGIES LTD.			SHEET 29 OF 35	DMR287424 [01] 1:1 A3
CONTENTS PROPERTY OF PHILIPS MEDICAL SYSTEMS TECHNOLOGIES LTD. NO UNAUTHORIZED USE PERMITTED.				

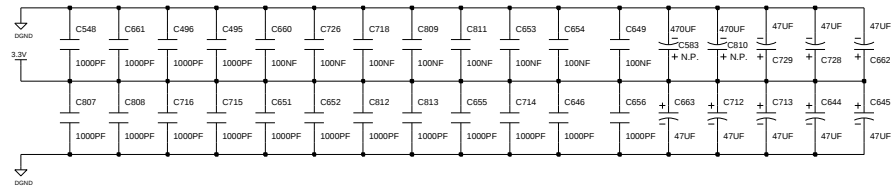
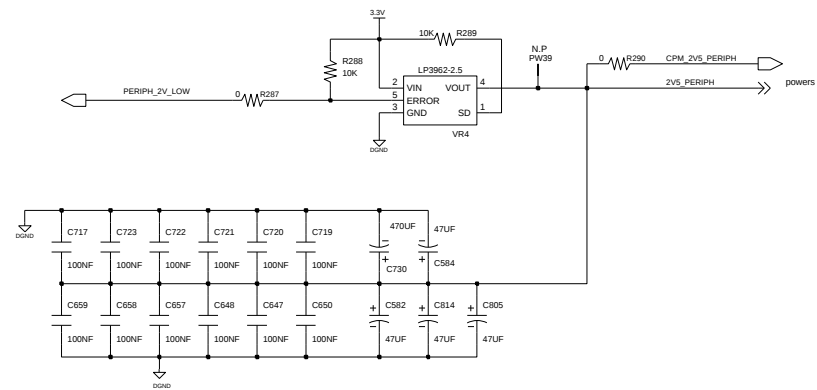


SDRAM & SERDES DEBUG CONNECTORS

	NAME	DATE	EQUIPMENT	ASSEMBLY NAME
DESIGNER	ADEEB KHAIR	27-10-2016		
CHECKER	LIRON RODAVSKY	27-10-2016		
APPROVAL	GAD FRAENKEL	27-10-2016		No.
			NAME	
			HOTLINK CONNECTIONS	
			DRAWING No.	REV. SCALE SIZE
			DMR287424 [01]	1:1 A3
			SHEET 31 OF 35	
			PHILIPS MEDICAL SYSTEMS TECHNOLOGIES LTD.	
			CONTENTS PROPERTY OF PHILIPS MEDICAL SYSTEMS TECHNOLOGIES LTD. NO UNAUTHORIZED USE PERMITTED.	



PERIPH FPGA
POWER SUPPLY



DESIGNER	NAME	DATE	EQUIPMENT	ASSEMBLY NAME
ADEEB KHAIR		27-10-2016		
CHECKER	NAME	DATE	EQUIPMENT	ASSEMBLY NAME
LIRON RODAVSKY		27-10-2016		
APPROVAL	NAME	DATE	EQUIPMENT	ASSEMBLY NAME
GAD FRAENKEL		27-10-2016		
			NAME	PERIPH_PROM
			DRAWING No.	REV. SCALE SIZE
			DMR287424 [01]	1:1 A3
			SHEET 33 OF 35	
CONTENTS PROPERTY OF PHILIPS MEDICAL SYSTEMS TECHNOLOGIES LTD. NO UNAUTHORIZED USE PERMITTED.				

