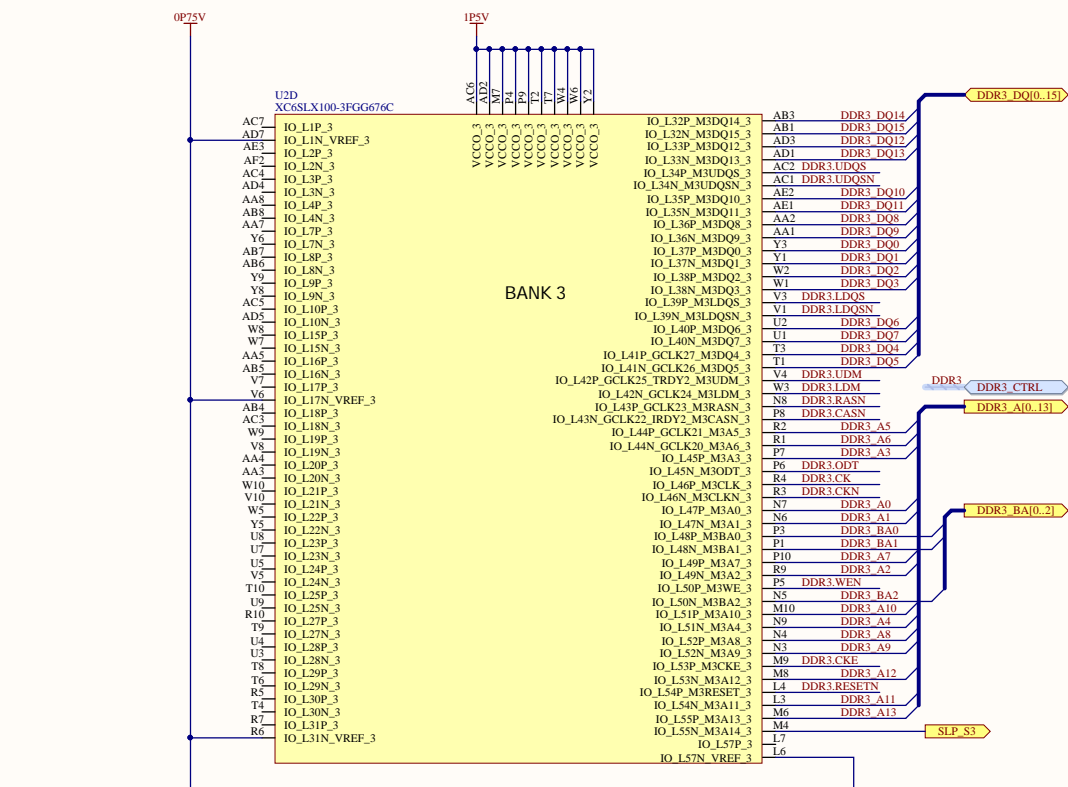


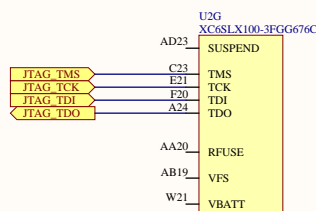
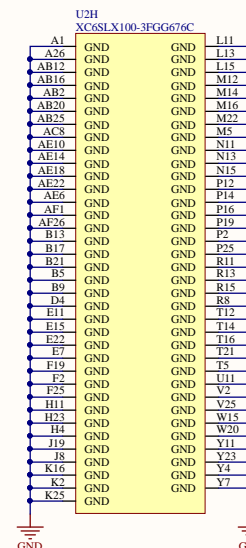
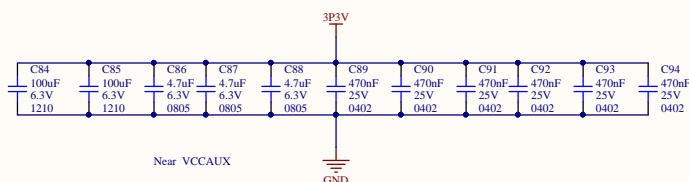
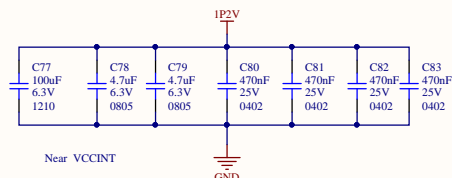
Near Bank 2



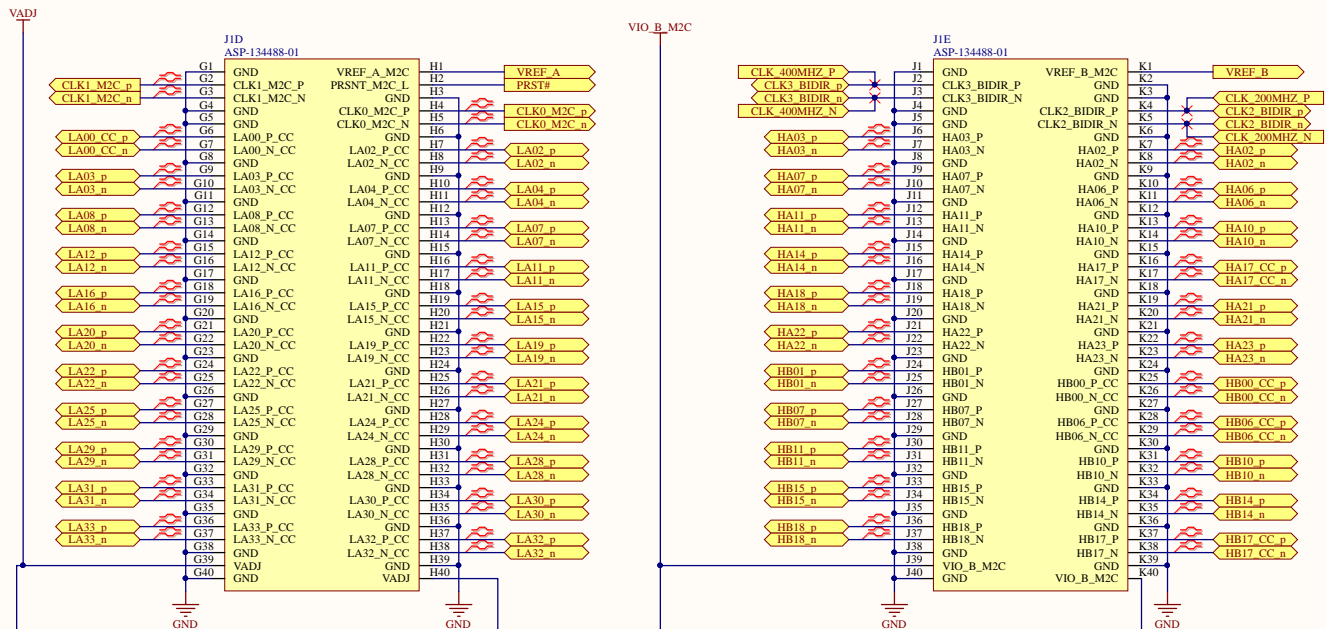
Near Bank 3

- CK
- CKN
- CKE
- CSN
- RASN
- CASN
- WEN
- ODT
- LDQS
- LDQSN
- UDQS
- UDQSN
- RESETN
- UDM
- LDM

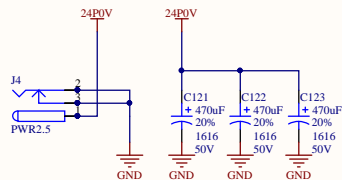
Sheet Name		FPGA Bank2-3	
Project Title		CARTE-MERE	
Global Project		S7CAS-PLEIADES	
Size	Group	Revision	
11x17	CARTE-MERE	1.000	
Date	2019-01-09	Sheet	2 of 13
Filename		Designers	
S7CAS-PLEIADES-CARTE-MERE_P02_FPGA_B2B3.SchDoc		Thomas Roy Jean-Francois Bilodeau Simon Milhomme Emile Laplante	



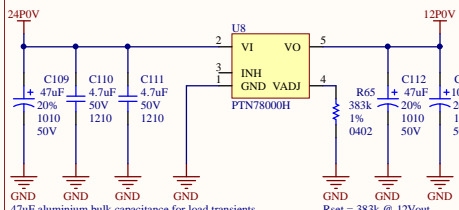
Sheet Name		FPGA Bank4-5	
Project Title		CARTE-MERE	
Global Project		S7CAS-PLEIADES	
Size	Group	Revision	
11x17	CARTE-MERE	1.000	
Date	2019-01-09	Sheet	3 of 13
Filename		Designers	
S7CAS-PLEIADES-CARTE-MERE_P02_FPGA_B4B5.SchDoc		Thomas Roy Jean-François Bilodeau Simon Milhomme Émile Laplante	



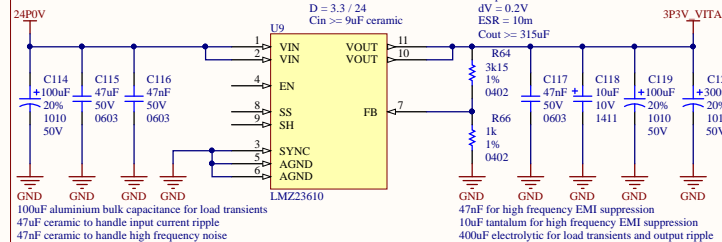
Sheet Name				Connecteur FMC			
Project Title				CARTE-MERE			
Global Project				S7CAS-PLEIADES			
Size		Group		Revision			
11x17		CARTE-MERE		1.000			
Date			Sheet		of		
2019-01-09			4		13		
Filename					Designers		
S7CAS-PLEIADES-CARTE-MERE_P02_CONNECTORS.SchDoc					Thomas Roy Jean-François Bilodeau Simon Milhomme Émilie Laplante		



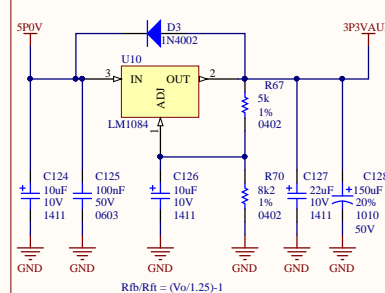
12P0V
12V @ 325 mA
83% efficiency
0.65W at 25°C Ambient



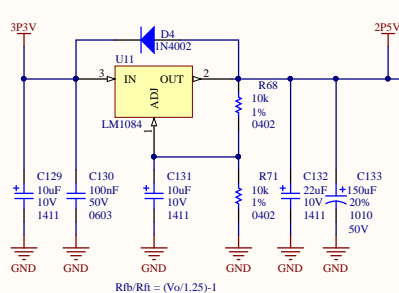
3P3V_VITA
3V3 @ 9A
83% efficiency
6W at 25°C Ambient



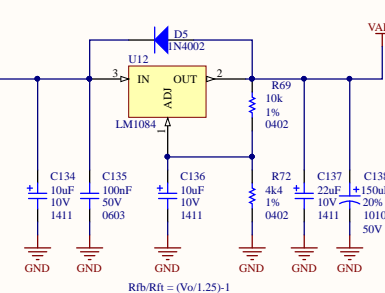
3P3VAUX
3.3V @ 20 mA
66% efficiency
0.034W, 26°C at 25°C Ambient



2P5V
2.5V @ 4A
75% efficiency
3.2W, 97°C at 25°C Ambient



VADJ
1.8V @ 4A
72% efficiency
2.8W, 88°C at 25°C Ambient



Power for VITA connector

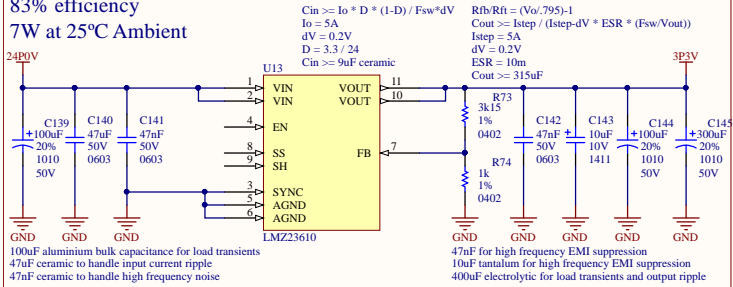


Sheet Name			
Alimentation connecteur FMC			
Project Title			
CARTE-MERE			
Global Project			
S7CAS-PLEIADES			
Size	Group		Revision
11x17	CARTE-MERE		1.000
Date	Sheet		of
2019-01-09	5		13
Filename			Designers
S7CAS-PLEIADES-CARTE-MERE_P02_POWER.SchDoc			Thomas Roy Jean-Francois Bilodeau Simon Milhomme Emile Laplante

3P3V

3V3 @ 10A

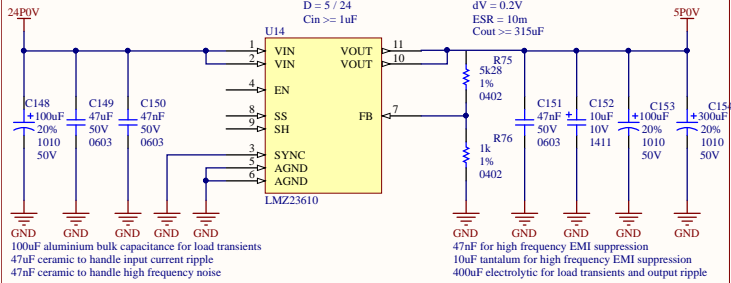
83% efficiency
7W at 25°C Ambient



5P0V

5V @ 1A

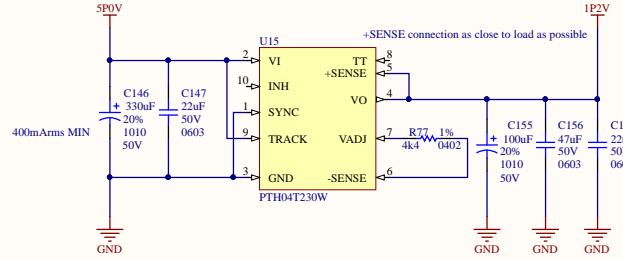
75% efficiency
1.75W at 25°C Ambient



1P2V

1.2V @ 2A

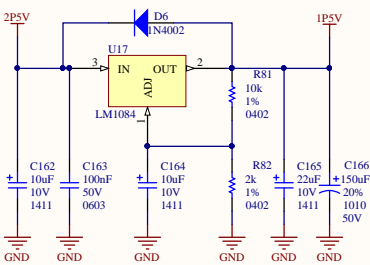
88% efficiency
0.035W at 25°C Ambient



1P5V

1.5V @ 1A

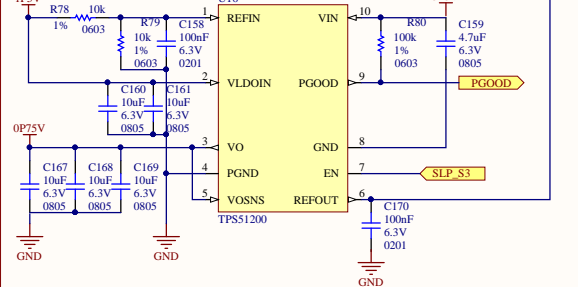
75% efficiency
3.2W, 97°C at 25°C Ambient



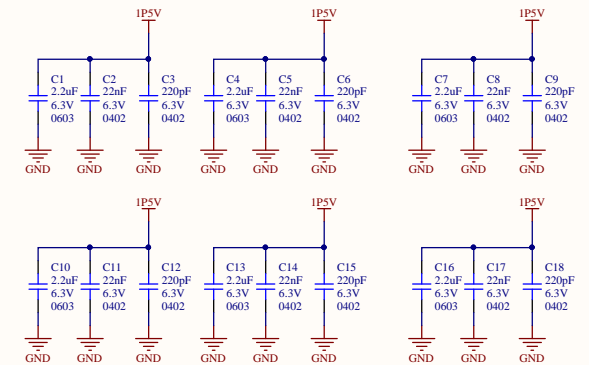
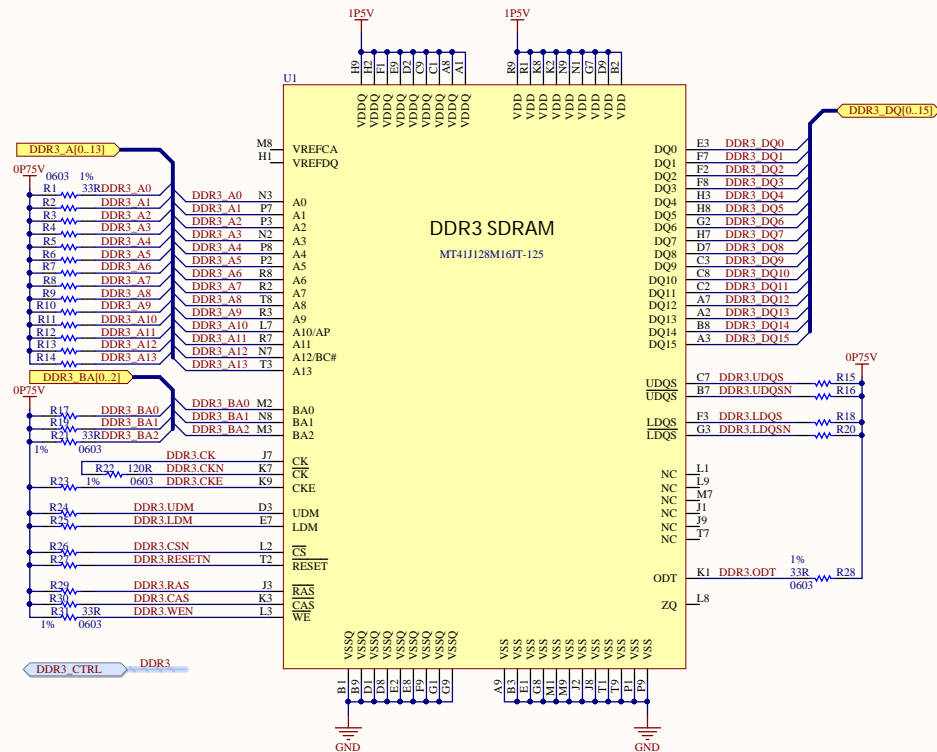
0P75V

0.75V @ 25mA

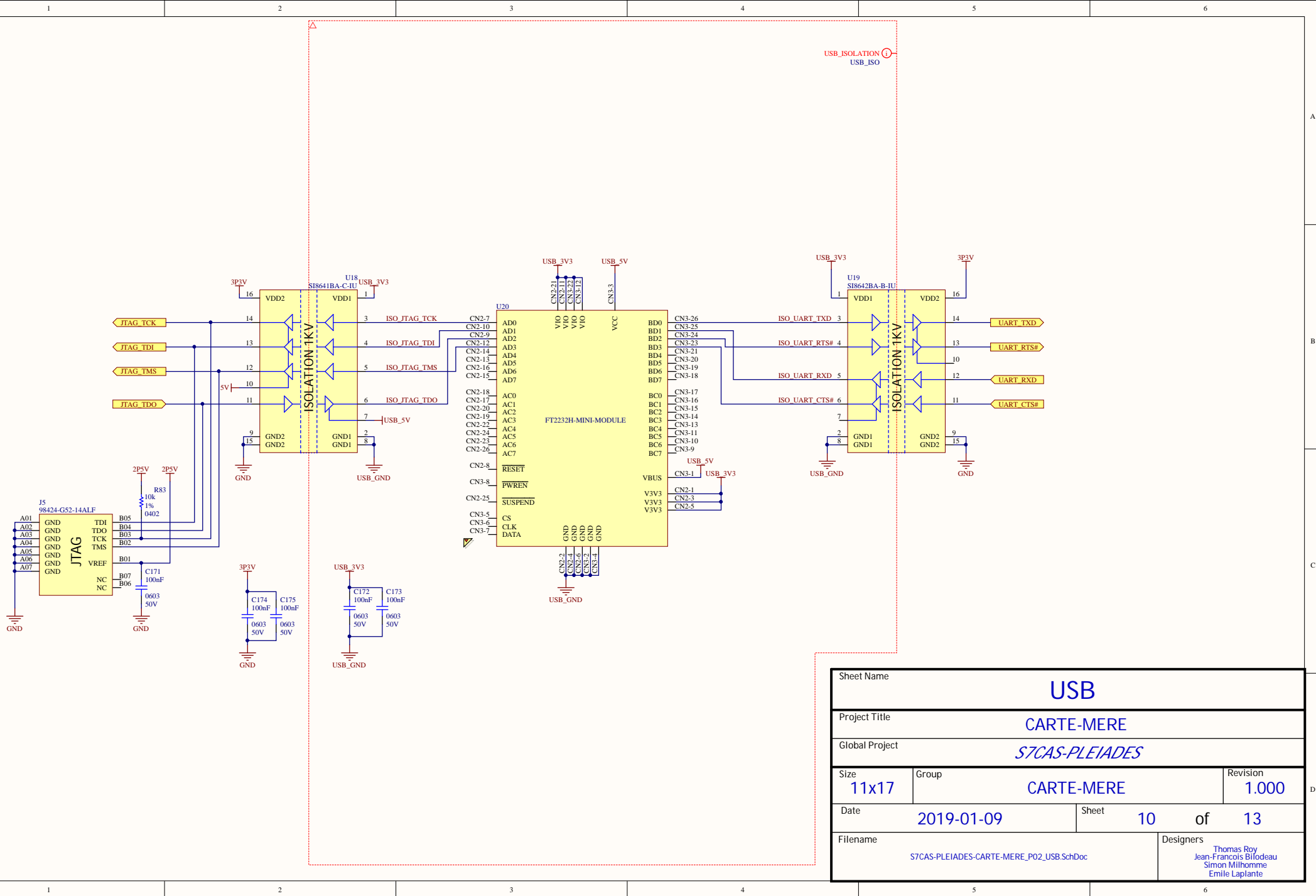
88% efficiency
0.037W at 25°C Ambient



Sheet Name		Alimentation carte-mère	
Project Title		CARTE-MERE	
Global Project		S7CAS-PLEIADES	
Size	Group	Revision	
11x17	CARTE-MERE	1.000	
Date	2019-01-09	Sheet	6 of 13
Filename		Designers	
S7CAS-PLEIADES-CARTE-MERE_P02_POWER_CARRIER.SchDoc		Thomas Roy Jean-Francois Bilodeau Simon Milhomme Emile Laplante	

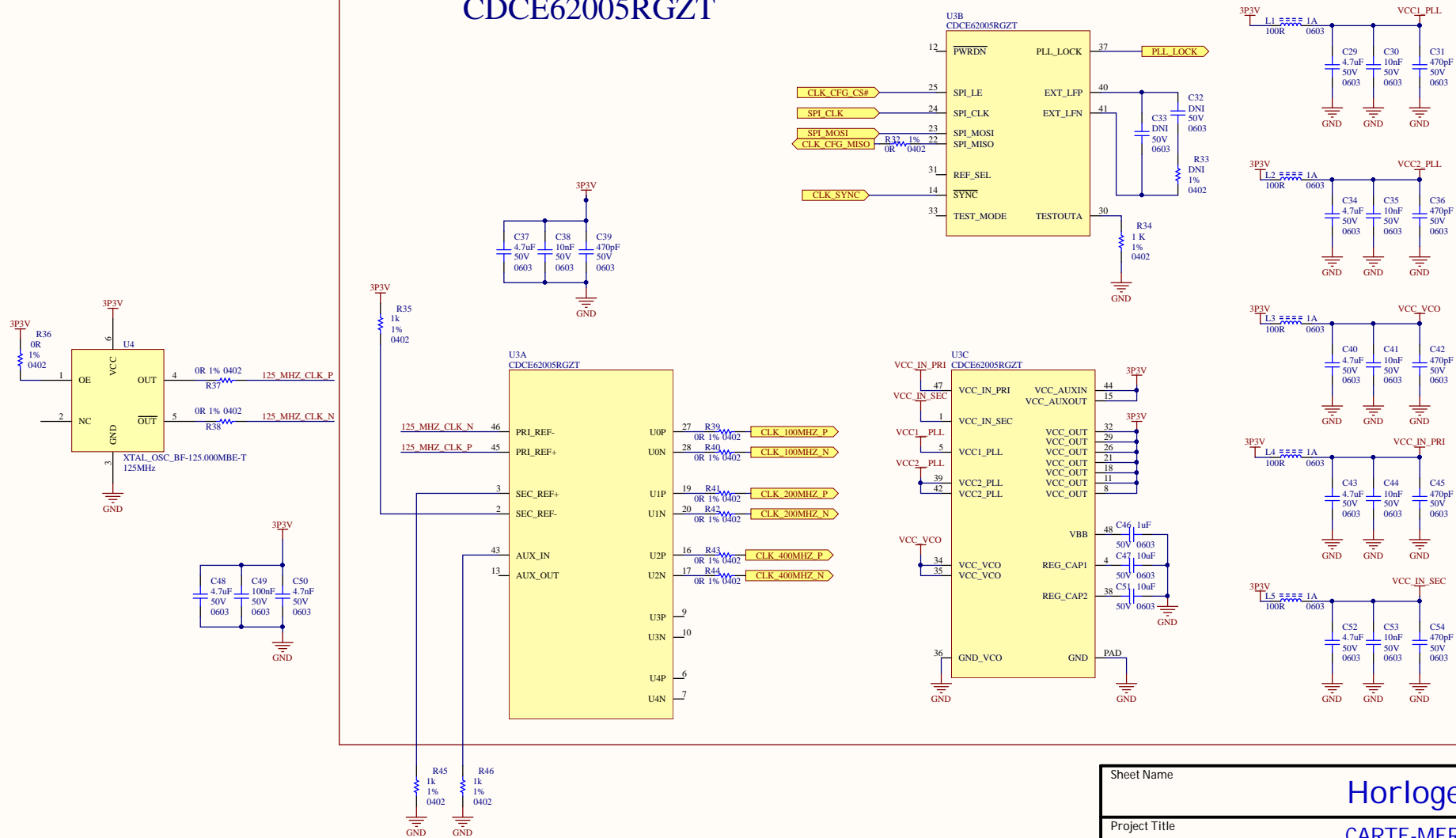


Sheet Name			
DDR3			
Project Title			
CARTE-MERE			
Global Project			
S7CAS-PLEIADES			
Size	Group		Revision
11x17	CARTE-MERE		1.000
Date	2019-01-09		Sheet 7 of 13
Filename			Designers
S7CAS-PLEIADES-CARTE-MERE_P02_DDR3.SchDoc			Thomas Roy Jean-François Bilodeau Simon Milhomme Emile Laplante

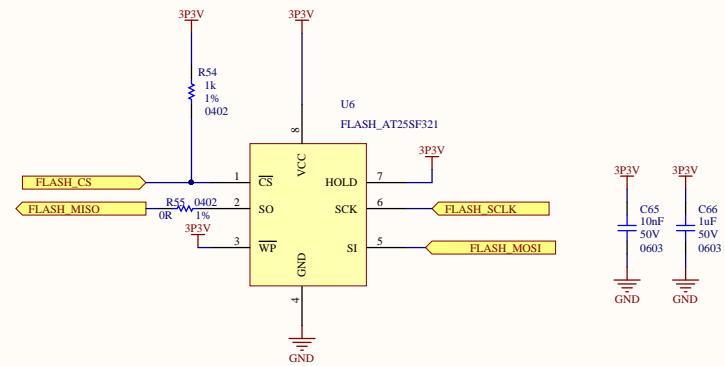


Sheet Name		USB	
Project Title		CARTE-MERE	
Global Project		S7CAS-PLEIADES	
Size	Group	Revision	
11x17	CARTE-MERE	1.000	
Date	2019-01-09	Sheet	10 of 13
Filename		Designers	
S7CAS-PLEIADES-CARTE-MERE_P02_USB.SchDoc		Thomas Roy Jean-Francois Bilodeau Simon Milhomme Emile Laplante	

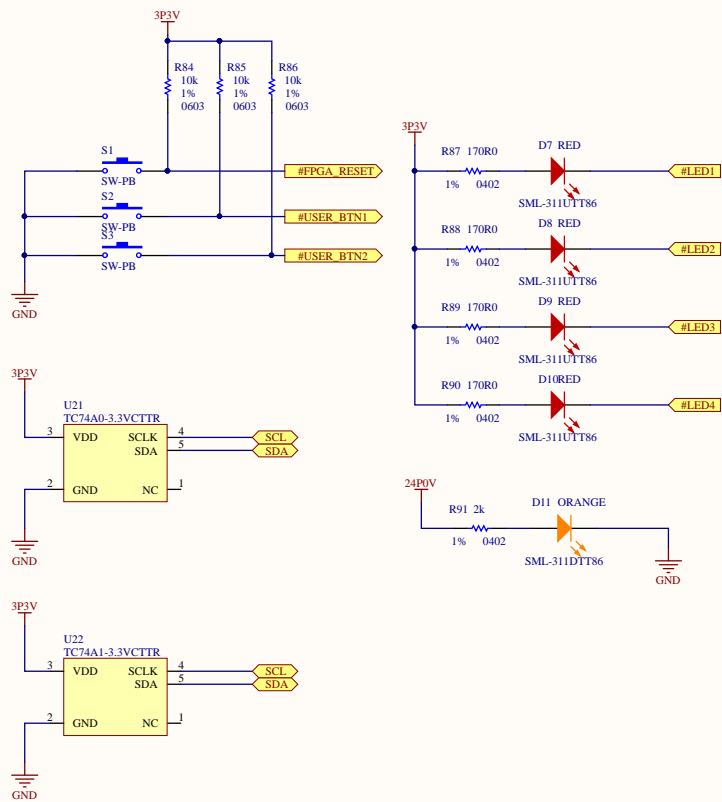
CDCE62005RGZT



Sheet Name		Horloge	
Project Title		CARTE-MERE	
Global Project		S7CAS-PLEIADES	
Size	Group	Revision	
11x17	CARTE-MERE	1.000	
Date	2019-01-09	Sheet	11 of 13
Filename		Designers	
S7CAS-PLEIADES-CARTE-MERE_P02_CLOCKS.SchDoc		Thomas Roy Jean-Francois Bilodeau Simon Milhomme Emile Laplante	



Sheet Name		Flash	
Project Title		CARTE-MERE	
Global Project		S7CAS-PLEIADES	
Size	Group	Revision	
11x17	CARTE-MERE	1.000	
Date	2019-01-09	Sheet	12 of 13
Filename		Designers	
S7CAS-PLEIADES-CARTE-MERE_P02_FLASH.SchDoc		Thomas Roy Jean-Francois Bilodeau Simon Milhomme Emile Laplante	



Sheet Name		User IO			
Project Title		CARTE-MERE			
Global Project		S7CAS-PLEIADES			
Size	Group			Revision	
11x17	CARTE-MERE			1.000	
Date	2019-01-09		Sheet	13	of 13
Filename			Designers		
S7CAS-PLEIADES-CARTE-MERE_P02_USER_IO.SchDoc			Thomas Roy Jean-Francois Bilodeau Simon Milhomme Emile Laplante		