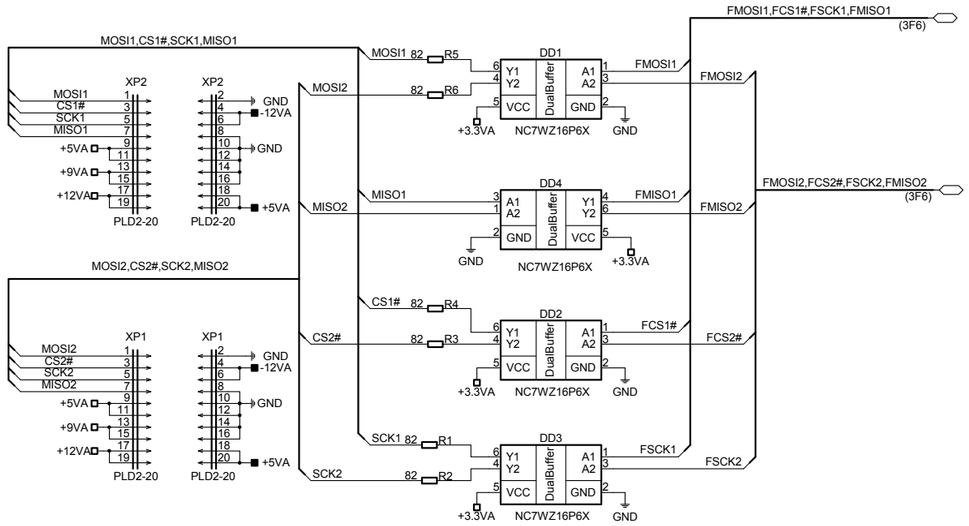
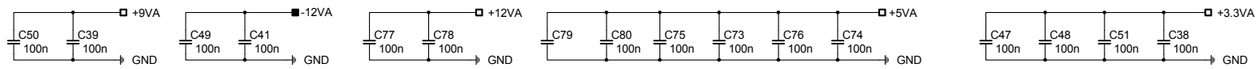
FXPUPI-B-01M-PCB Э3

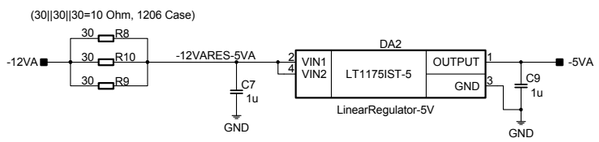
RF Blocks SPI Interfaces





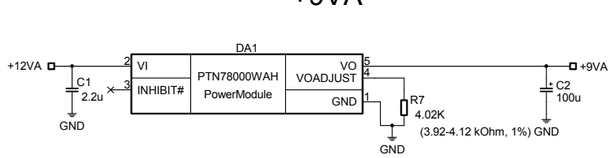
Reference Clock Comparator Power Supply

-5VA

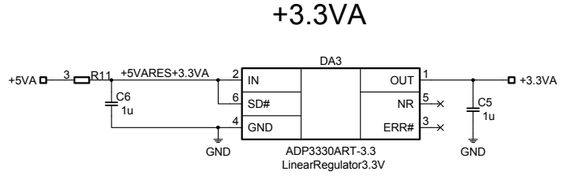


RF Blocks Auxiliary Power Supply

+9VA



+3.3VA



Изм	Лист	№ докум.	Подп.	Дата
Разраб.		Поляков		23.06.2008
Пров.		Бобкович		
Т. контр		Голубинский		
Н. контр				
Утв.		Поляков		

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FXPUPI-B-01M-PCB Э3

LastChangedDate:: 2008-06-20 21:14:53 +040#

LastChangedRevision: 14 LastChangedBy: apolv

FXPUPI-B SyncFXP Universal Pi-U, Backplane Side Схема электрическая принципиальная	Арт. . . .	Масса .	Масштаб 1:4
	Лист 01	Листов 05	
FR-4	ООО "Адвантех" (Advantex LLC)		

Перв. примен. FXPUPI-00M-PCB

Справ. № .

Подп. и дата

Инв. № дубл. .

Взам. инв. № .

Подп. и дата

Инв. № подл. .

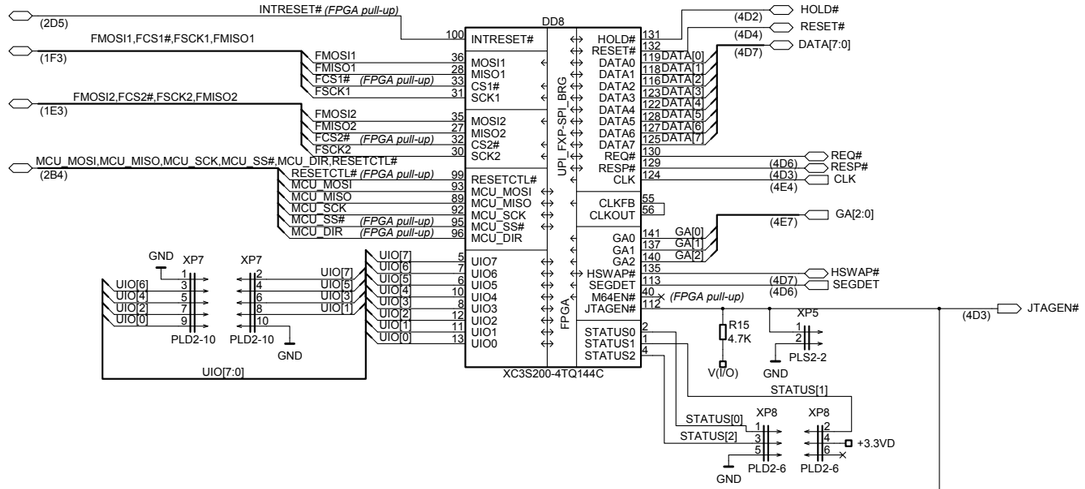
HeadURL: https://hyper.advantex.ru/svn/fxpupi/trunk/PCB/FXPUPI-B/BorderData.asc

H=8ND; V=6LA

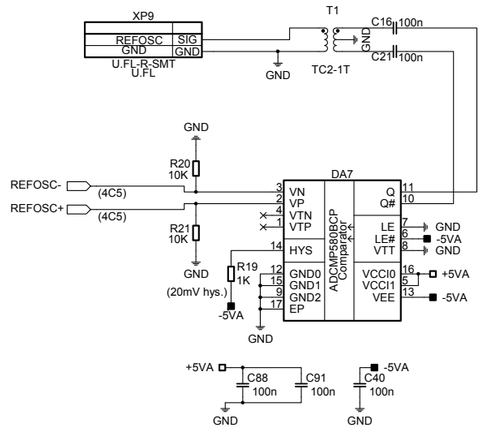
A3

FXPUPI-B-01M-PCB 33

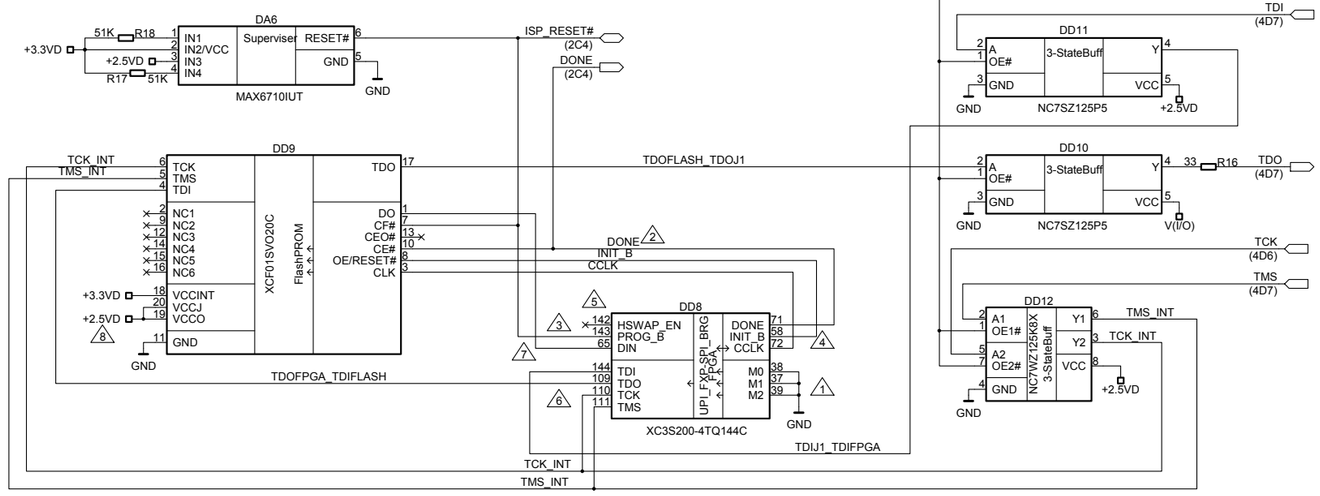
FPGA FXP to SPI Bridge



Backplane Reference Frequency



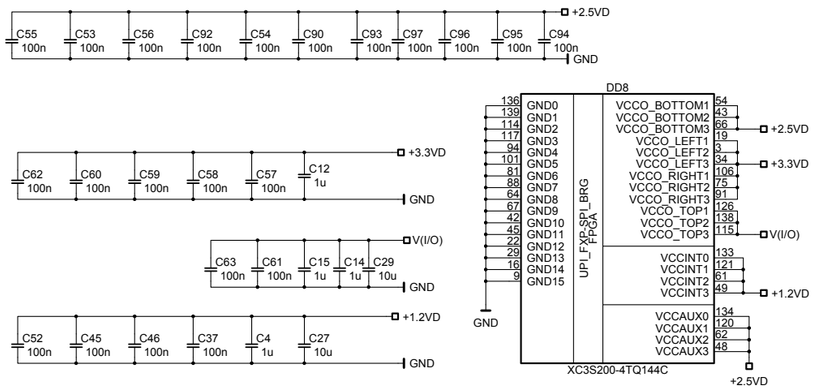
Configuration & JTAG



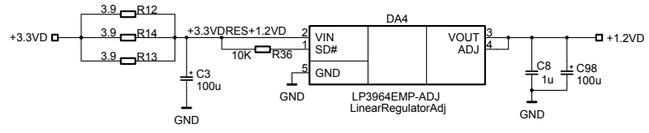
Notes:

1) Set Pull-down for M[2:0] pins in bitstream options to minimize power consumption via +2.5VD (Vccaux) after configuration
2) Set Drive or Pull-up bitstream option for DONE pin
3) Set ProgPin option to Pull-up after conf. (int. pulled-up to Vccaux during configuration)
4) Int. pulled-up during configuration. Set Persist:yes option to reserve the pin after configuration. If not it becomes user I/O pin. The pin has VCCO_4 or VCCO_BOTTOM power supply.
5) Int. pulled-up during configuration; defined by HswapenPin BitGen option after configuration.
6) All JTAG pins have int. pull-ups during configuration; defined by BitGen options after (should be pulled-up).
7) DIN pin has VCCO_4 supply rail.
8) Flash VCCO pin and FPGA VCCO_4 must have the same power supply voltage

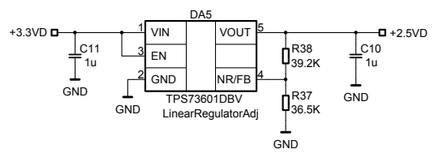
FPGA Power Supply



+1.2VD (VCCINT)



+2.5VD (VCCAUX)



HeadURL: https://hyper.advantex.ru/svn/fxpupi/trunk/PCB/FXPUPI-B/BorderData.asc

Изм.	Лист	№ докум.	Подп.	Дата	FXPUPI-B-01M-PCB Э3	Лист
					LastChangedDate:: 2008-06-20 21:14:53 +040#	03
					LastChangedRevision: 14 LastChangedBy: apolv	

Подп. и дата | Инв. № дубл. | Взам. инв. № | Подп. и дата | Инв. № подл.

H=8ND; V=6LA