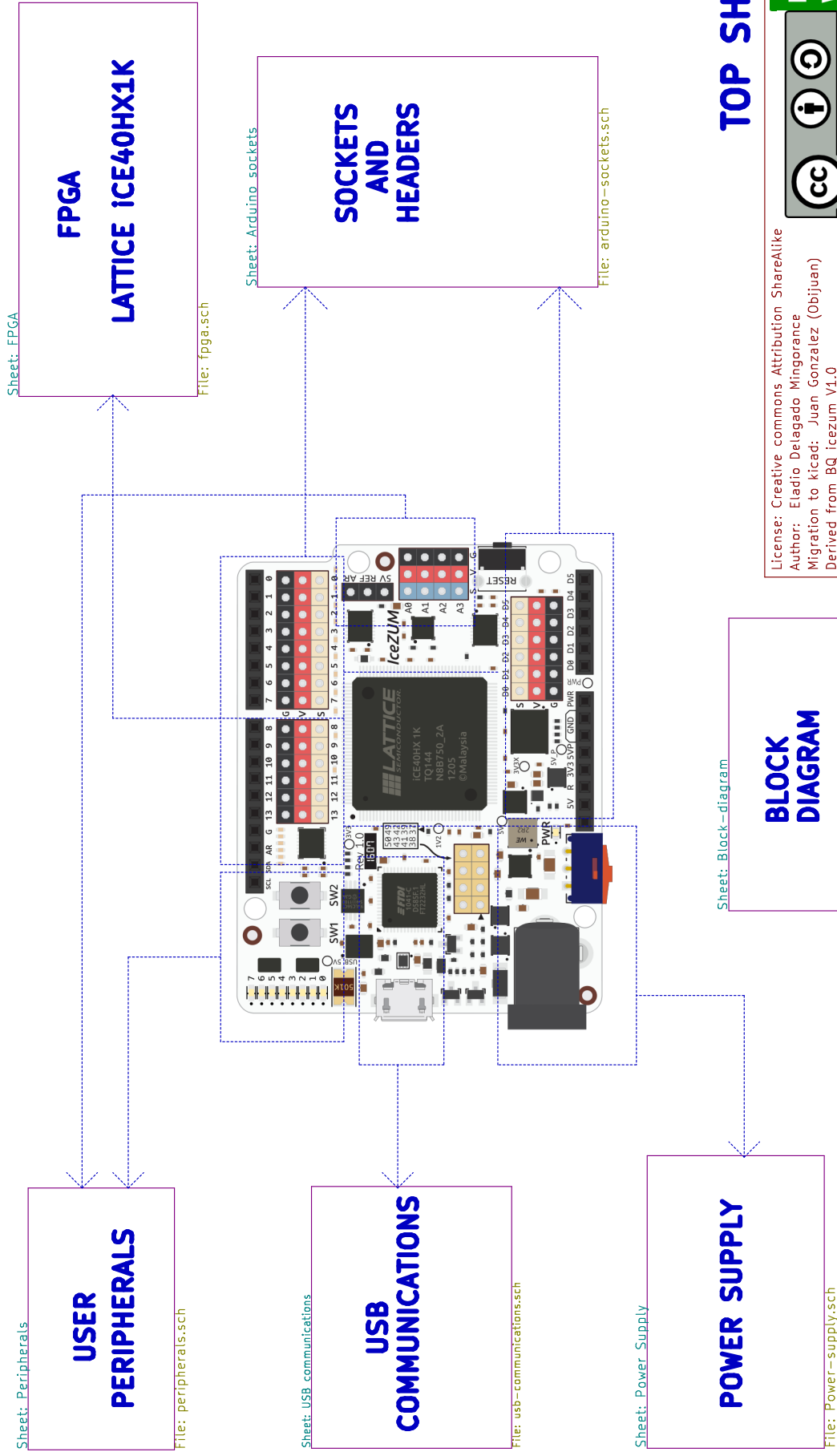


# ICEZUM ALHAMBRA BOARD

OpenFPGAs made easy



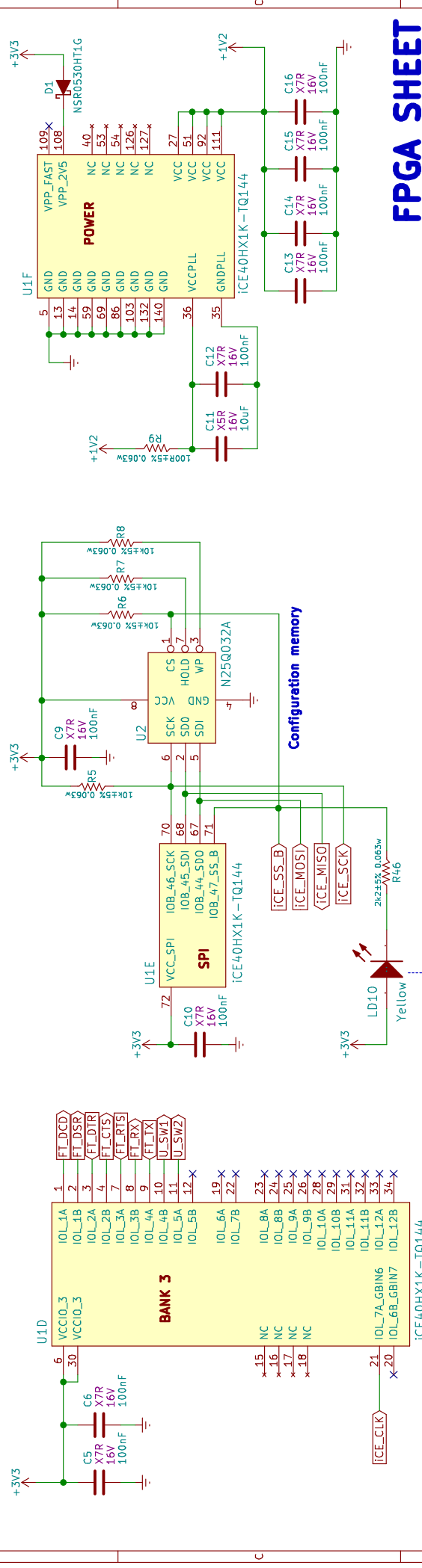
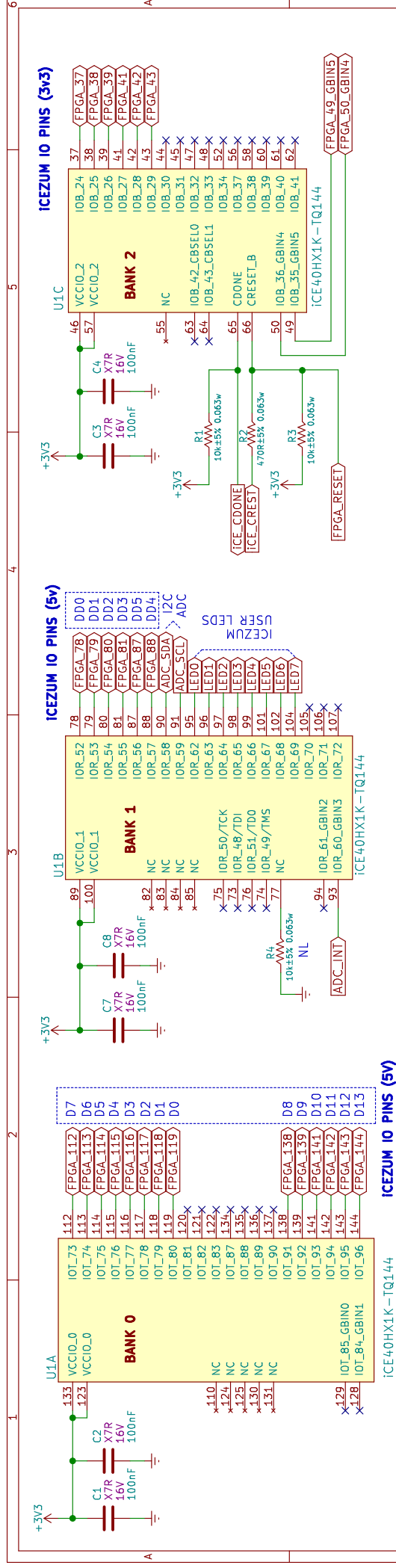
## TOP SHEET

License: Creative commons Attribution ShareAlike  
Author: Eladio Delgado Mingorance  
Migration to kicad: Juan Gonzalez (Objjuan)  
Derived from BQ Icezum V1.0  
**FPGA Wars**

Sheet: /  
File: icezum.sch

**Title: IceZUM Alhambra FPGA board (TOP SHEET)**

Size: A4 | Date: 2017-11-06 | **Rev: V1.1K**  
KiCad E.D.A. | kicad no-vcs-found-e5c4cfc61ubuntui6.04.1 | Id: 1/7



# FPGA SHEET

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Author: Eladio Delgado Mingorance

Migration to kicad: Juan Gonzalez (Obijuan)

Derived from BQ icezum V1.0

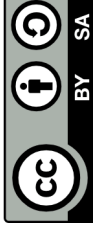
## FPGAwards

Sheet: /FPGA/

Title: IceZUM Alhambra FPGA board

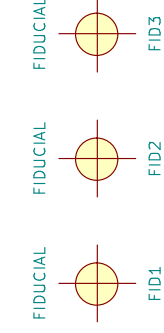
Size: A4	Date: 2017-11-06
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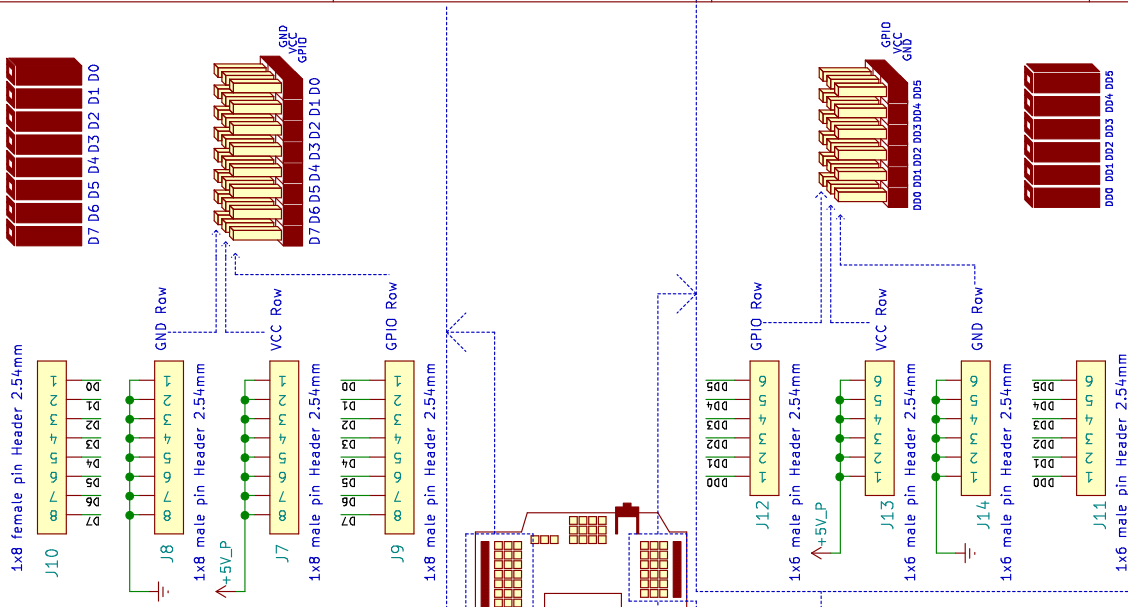
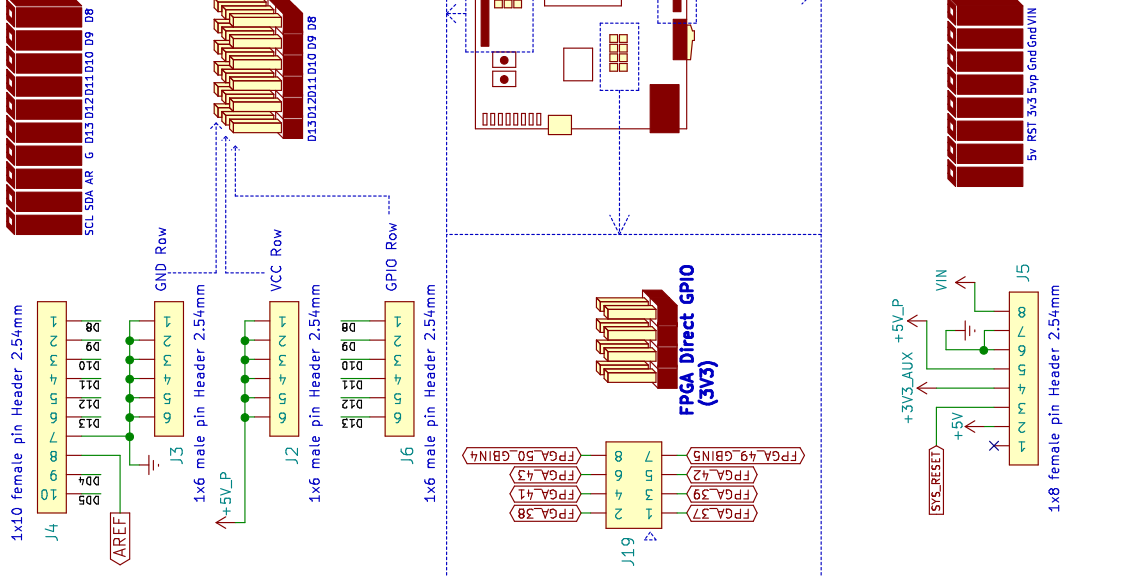
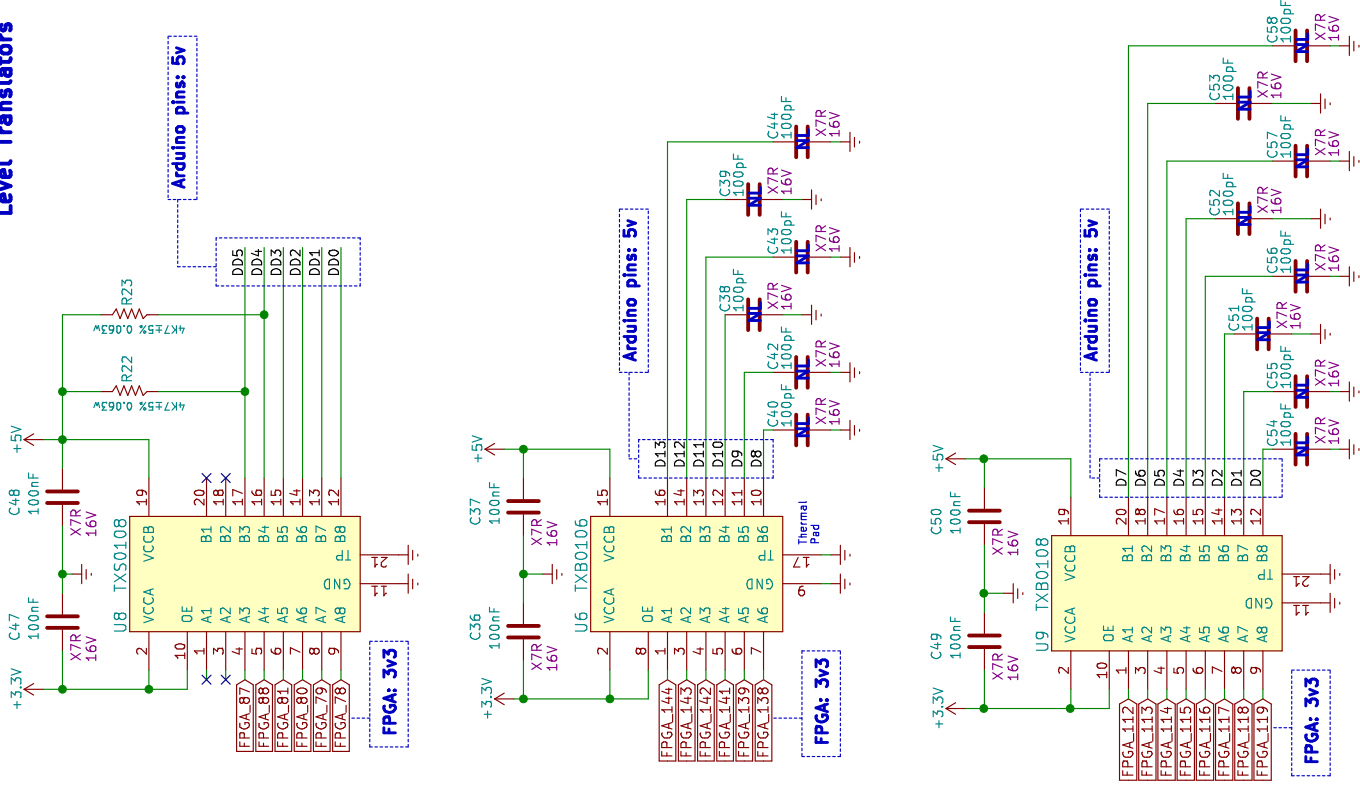
FPGA wars

BY SA

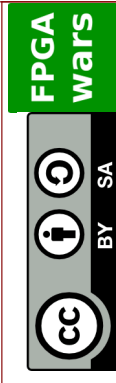


- LED lights up on access to FPGA configuration memory:
- memory is being programmed by FTDI
- memory is being read by FPGA after reset or power-on

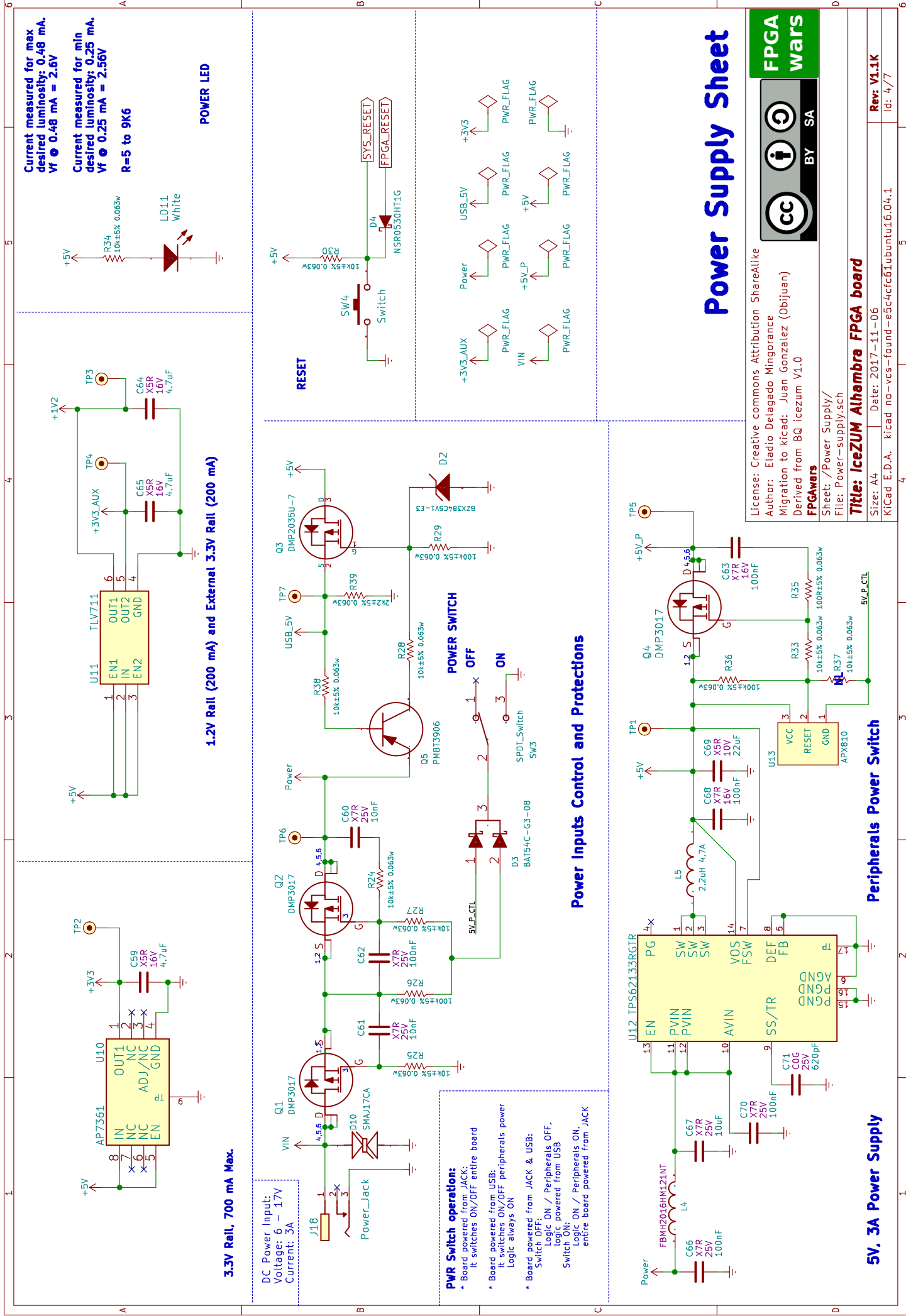
## Level Translators



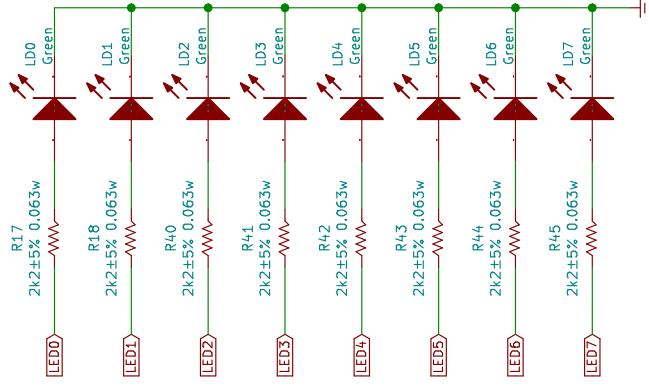
## Sockets and Headers Sheet



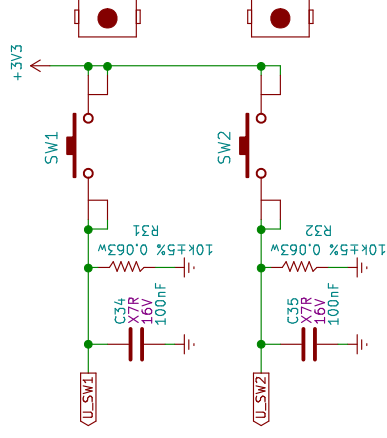
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<b>Title: IceZUM Alhambra FPGA board</b>	
Size: A4	Date: 2017-11-06
KiCad E.D.A. kicad no-vcs-found-e5c4fc61ubuntui6.04.1	
Rev: V1.1K	
Id: 3/7	



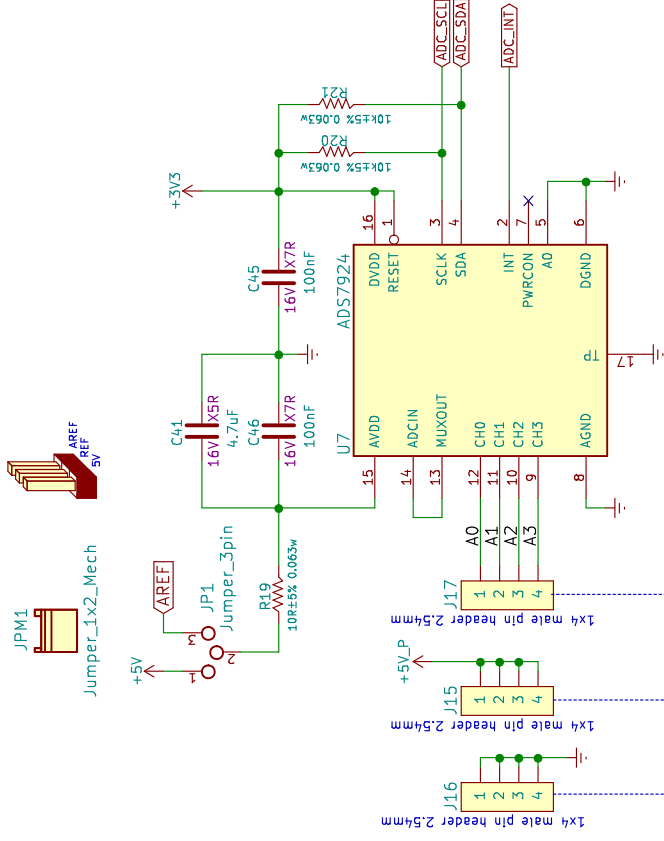
## User LEDs



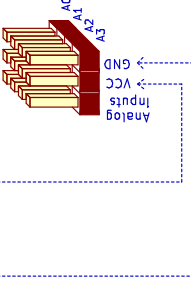
## User Switches



## Jumper\_1x2\_Mech

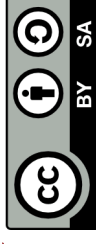


## 4-Channel I2C ADC



# Peripherals SHEET

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 Migration to kicad: Juan Gonzalez (Obijuan)  
 Derived from BQ Icezum V1.0  
**FPGA**



Sheet: /Peripherals/  
 File: peripherals.sch

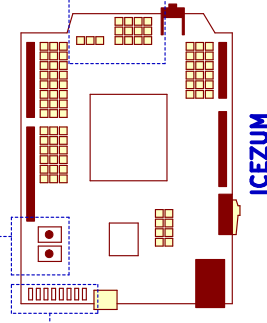
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Size: A4 Date: 2017-11-06

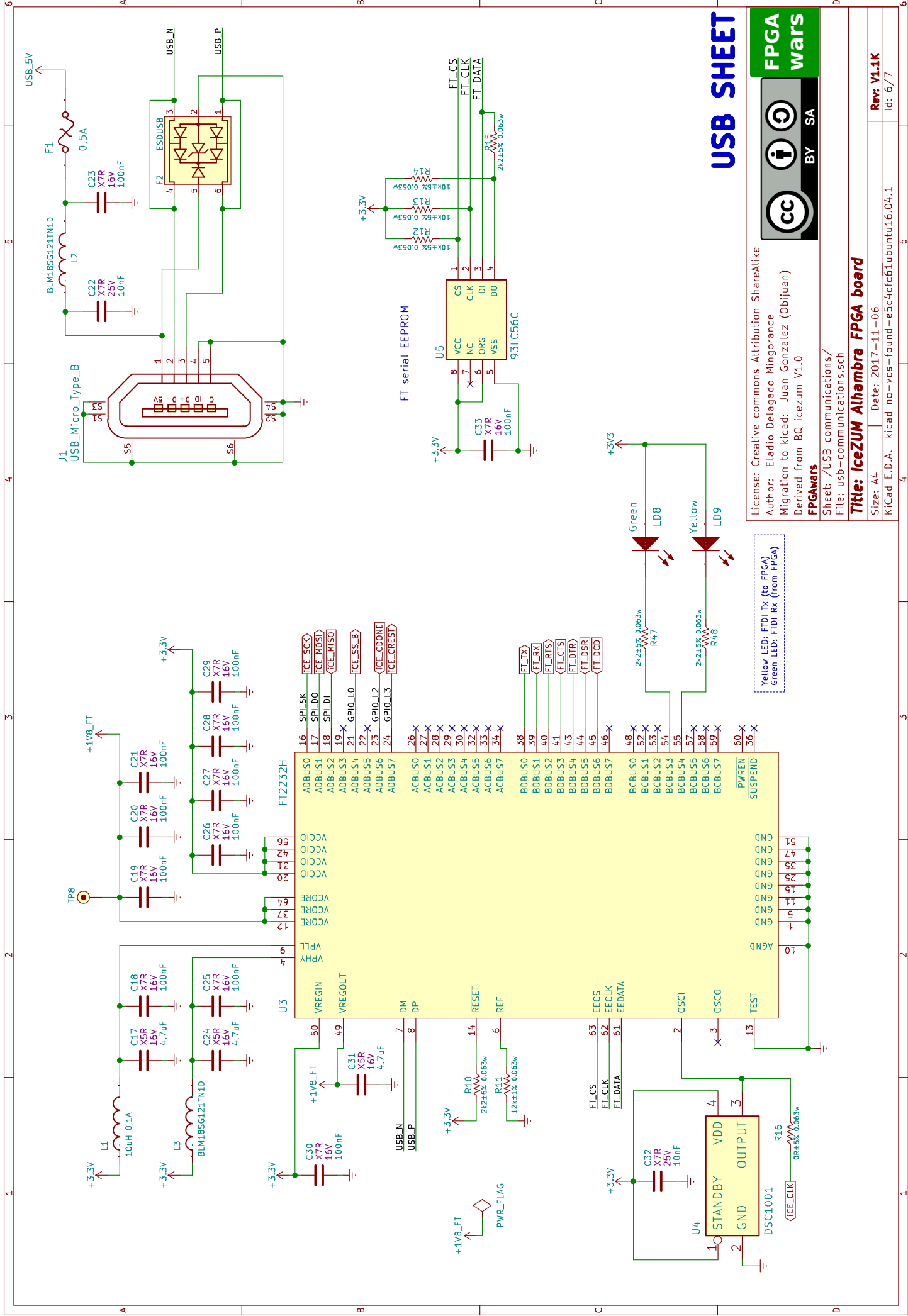
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**Rev: V1.1K**

Id: 5/7



**ICEZUM**



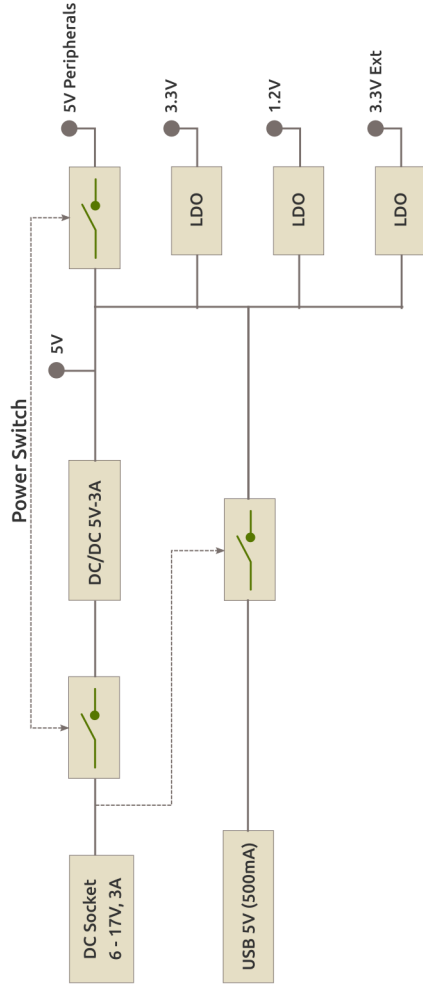
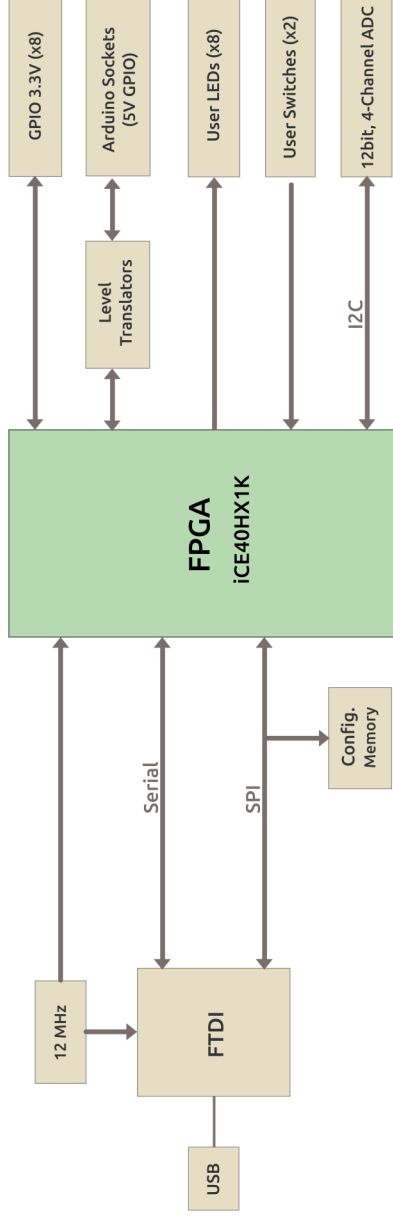
# USB SHEET

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Migration to kicad: Juan Gonzalez (Objjuan)  
Derived from BQ Icezum V1.0

**FPGAwars**

CC BY SA

Sheet: /USB communications/ File: usb-communications.sch	
<b>Title: IceZUM Alhambra FPGA board</b>	
Size: A4	Date: 2017-11-06
KiCad E.D.A. kicad no-vcs-found-e5c4cfc61ubuntui6.04.1	
Rev: V1.1K	
Id: 6/7/7	



# Block Diagram sheet

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 Migration to kicad: Juan Gonzalez (Objjuan)  
 Derived from BQ icezum V1.0  
**FPGA**  
**wars**

Sheet: /Block-diagram/ File: block-diagram.sch	
<b>Title: IceZUM Alhambra FPGA board</b>	
Size: A4	Date: 2017-11-06
KiCad E.D.A.	kicad no-vcs-found-e5c4cfc61ubuntul6.04.1
Rev: <b>V1.1K</b> Id: 7/77	