

Permitimos que funciones desde la batería
(conectado a 3v7) o alimentado directamente
desde el conector USB (5V)

La resistencia de 0R1 servirá para medir el
consumo midiendo el voltaje entre 3v7 y 3v7m
y multiplicándolo por 0. Como mucho caerán unos 40mV en ella.

Para una salida de 3V3
R1 = R2 * 7.04878
R2 debe estar entre 10k y 200k
Si R2 = 10k, R1 = 70.4878k --> 71.5k (E48)
Con lo que VOUT = 3.3415 V

TP 1. Datalogger for IoT

USB-Power PCB0-Power-USB

Óscar.M, Pablo.V, Ruben.S, Andrés.M

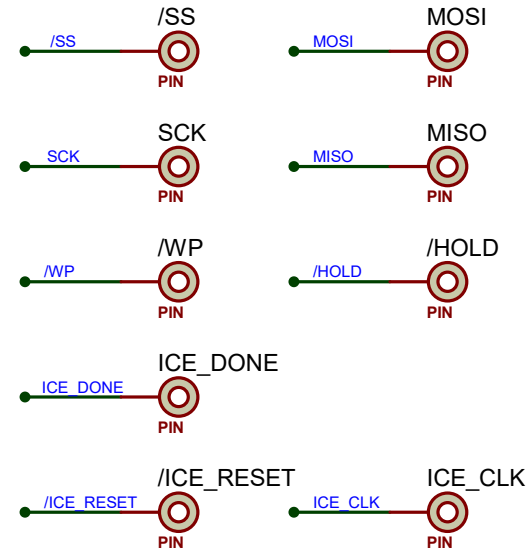
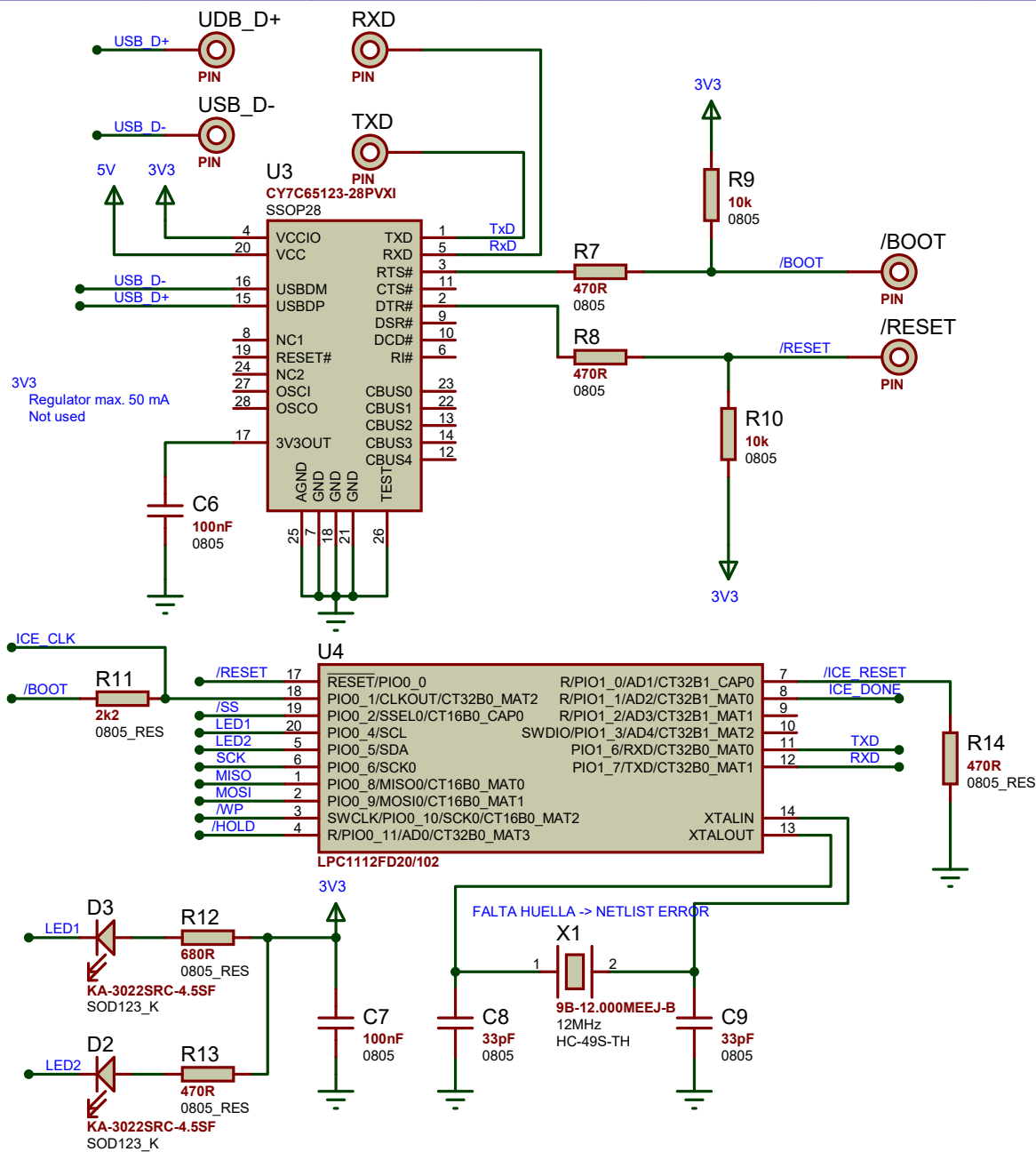
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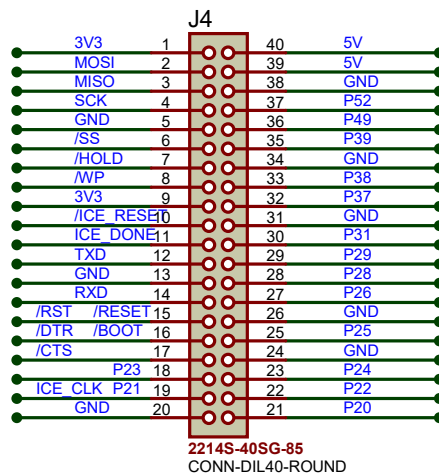
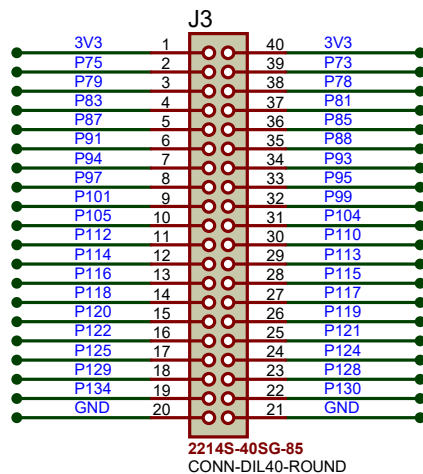
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USB-Serial, Microcontroller PCB0-Power-USB			
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**Conectores
PCB0-Power-USB**

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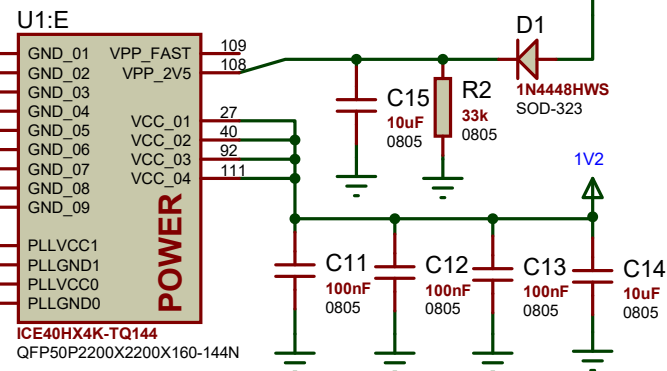
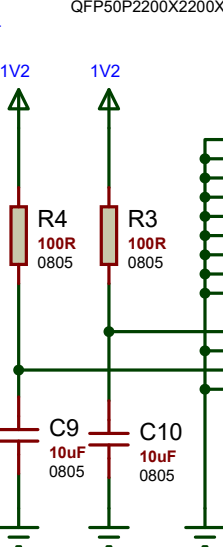
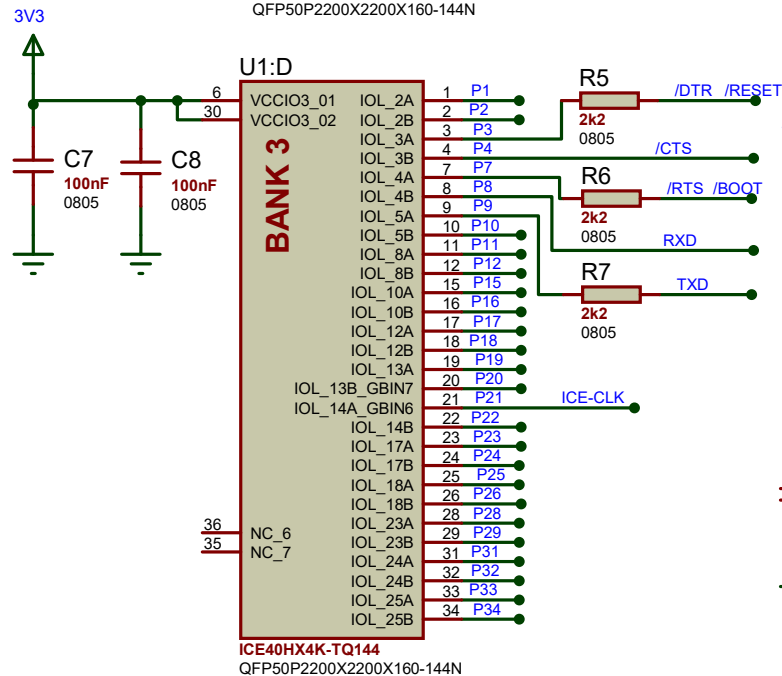
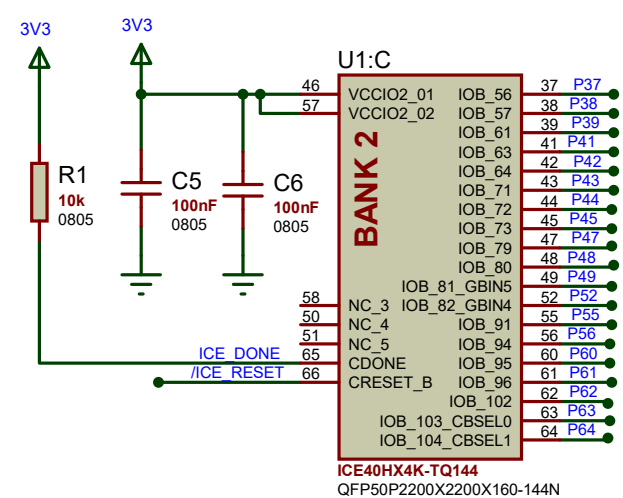
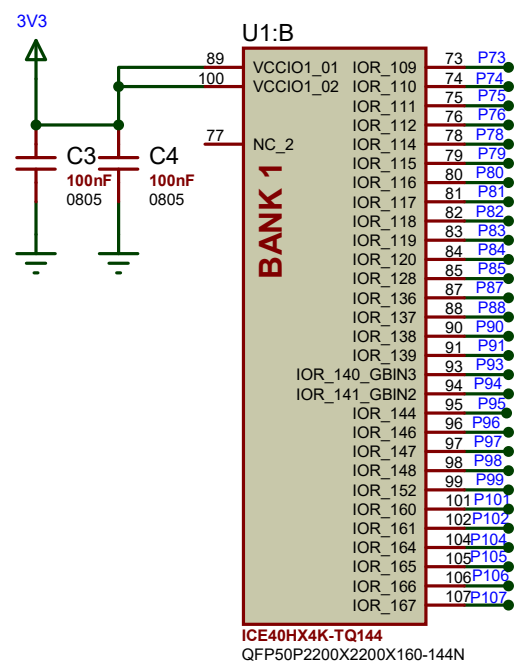
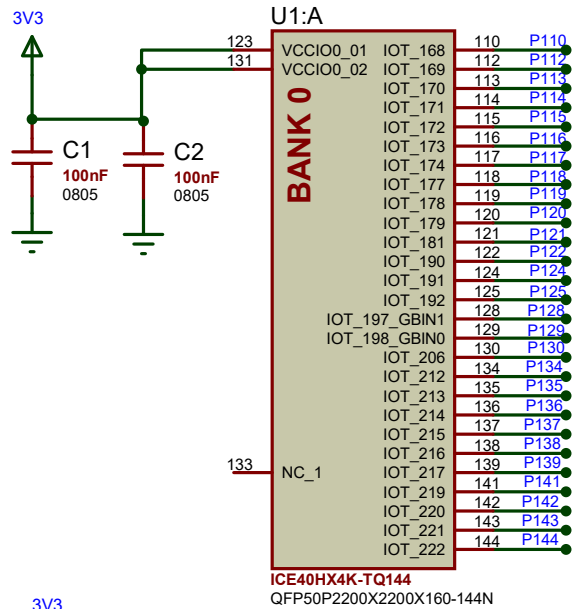
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FPGA
PCB1-FPGA

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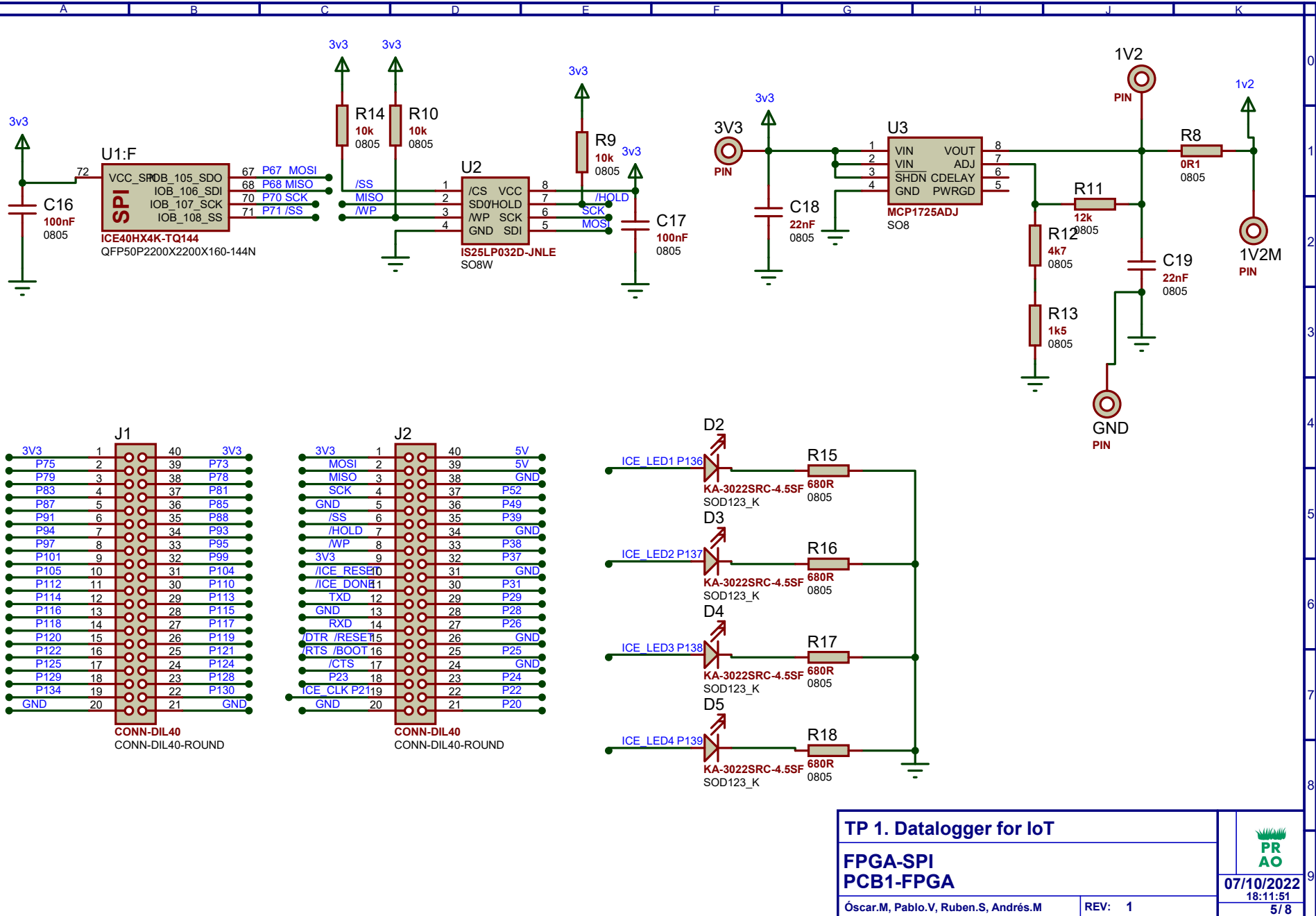
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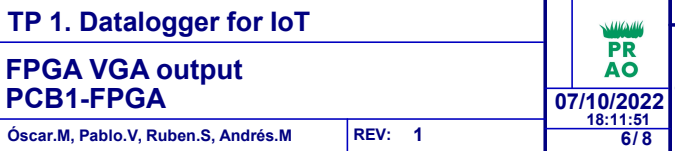


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	A	B	C	D	E	F	G	H	J	K	
0											0
1											1
2											2
3											3
4											4
5											5
6											6
7											7
8											8
9											9
	A	B	C	D	E	F	G	H	J	K	

TP 1. Datalogger for IoT	
PCB2-Sensors PCB2-Sensors	
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	A	B	C	D	E	F	G	H	J	K	
0											0
1											1
2											2
3											3
4											4
5											5
6											6
7											7
8											8
9											9
	A	B	C	D	E	F	G	H	J	K	

TP 1. Datalogger for IoT					
PCB3-Wireless PCB3-Wireless					
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