

+5V,6A  
Adaptor

ISL91211BIKZ

Buck1

Buck2

Buck3

Buck4

0.9V/0.95V/1.0V

1.0V

1.2V

0.6V

1.8V

3.3V/2.5V

ISL80030

ISL80030

Xilinx Artix-7  
XC7A25T,XC7A25T,XC7A35T,  
XC7A50T,XC7A75T,XC7A100T

VCCINT

VCCBRAM

VMGTAVCC

VMGTAVTT

VCCAUX,  
VCCADC

VCCO[0..]  
1.2V to 3.3V

VCC\_IO

DDR Memory

VDD, VDDQ

VTT, VREFA

Title

Power Tree

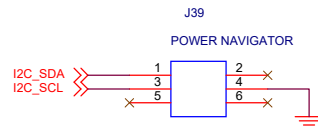
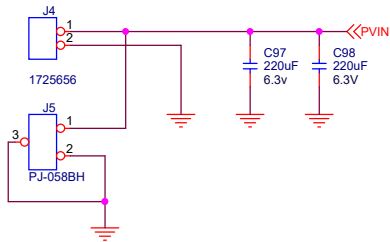
Size  
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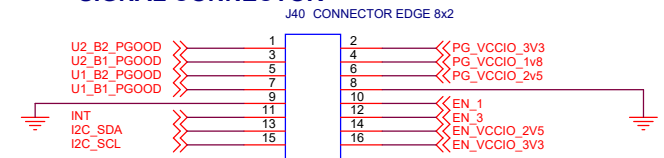
Rev  
A

Date: Tuesday, January 28, 2020

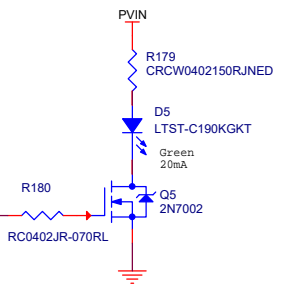
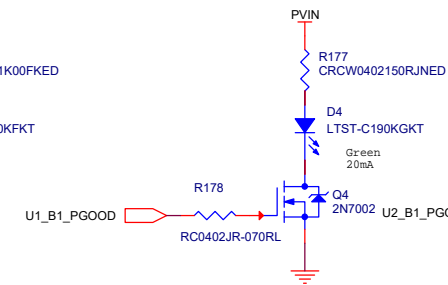
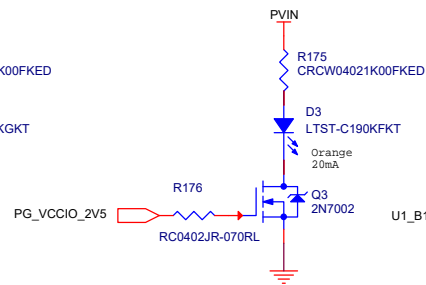
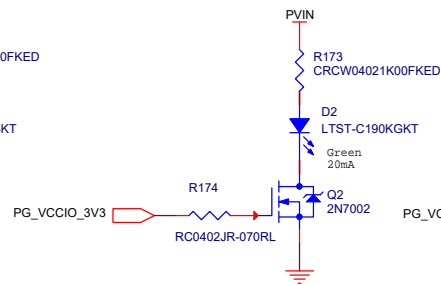
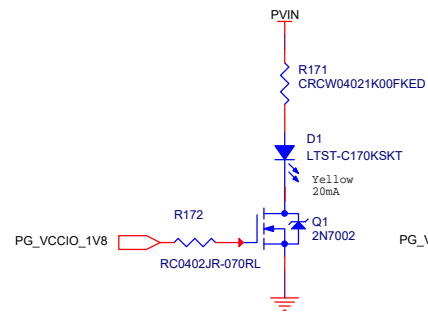
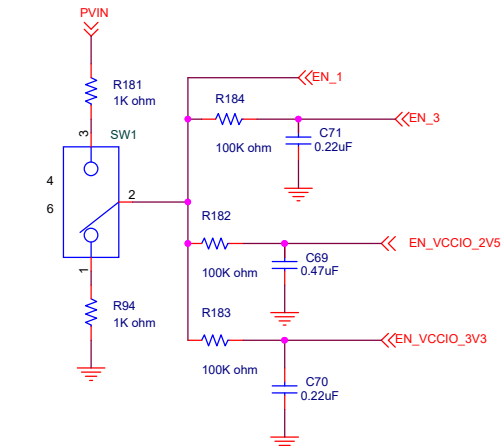
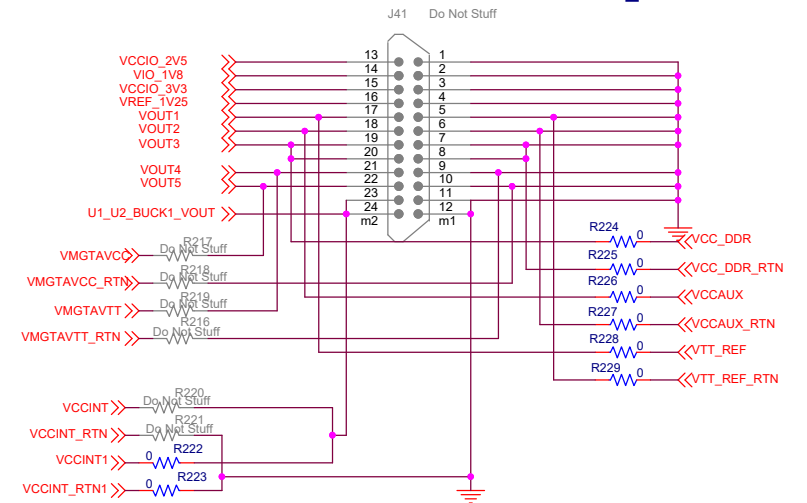
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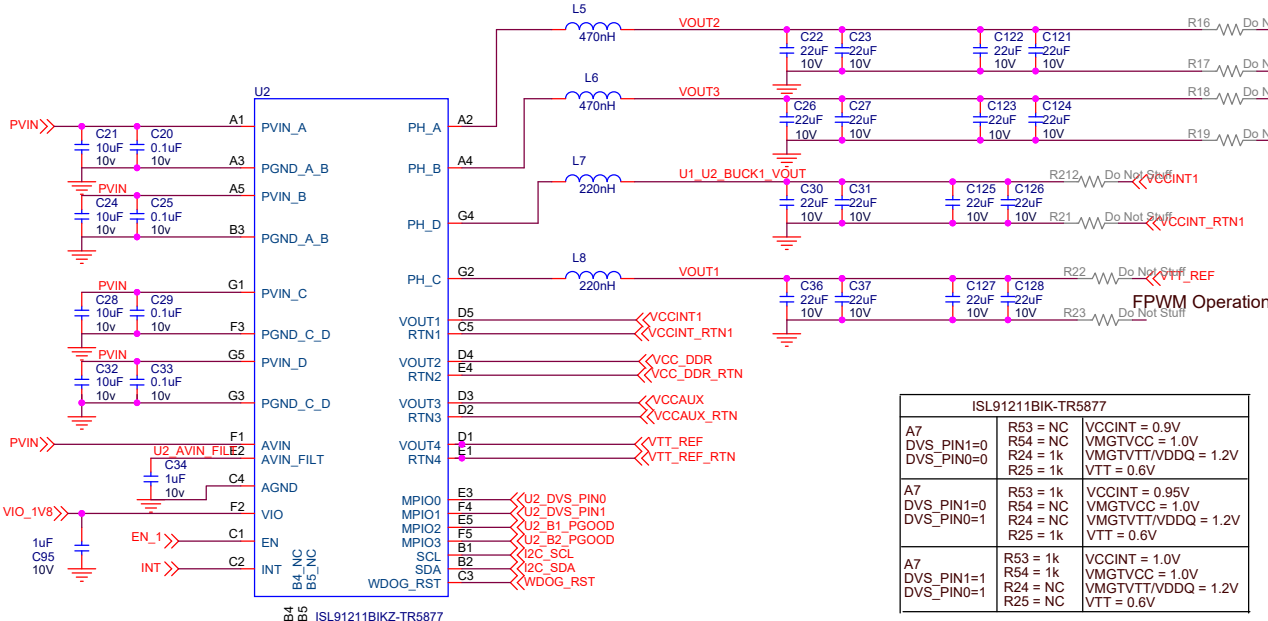
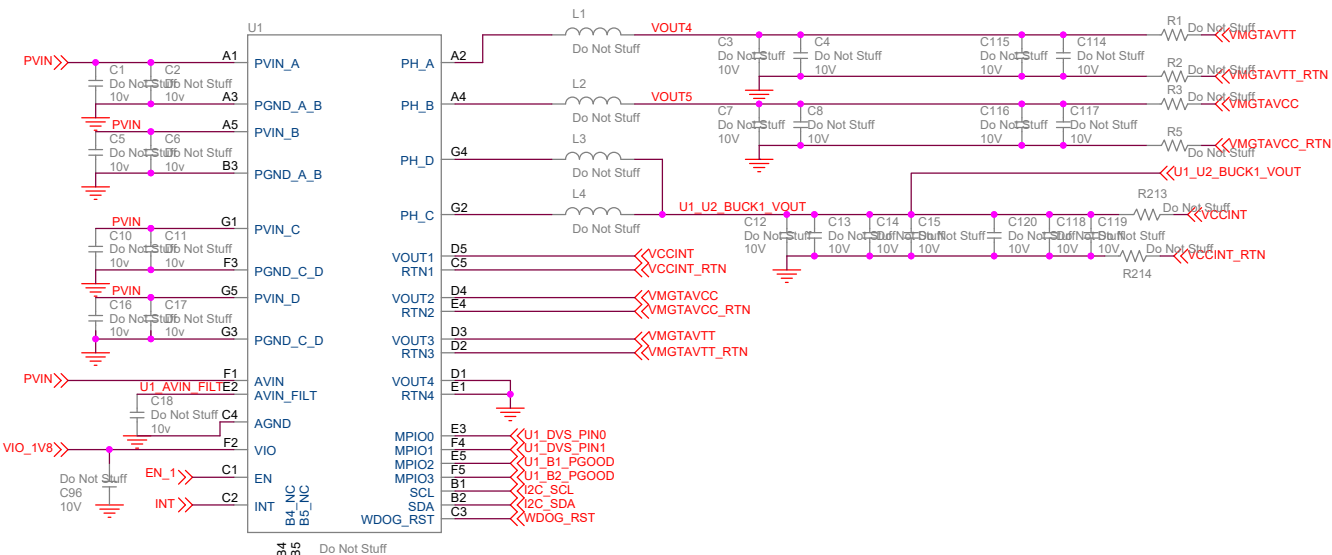
## SIGNAL CONNECTOR



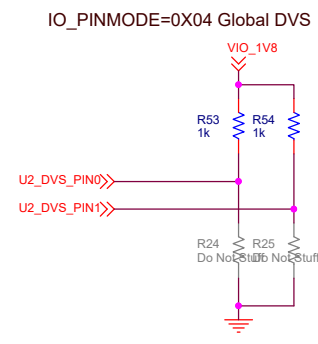
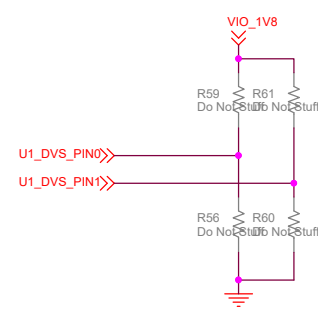
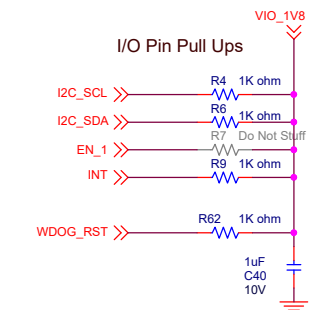
## POWER CONNECTOR MOLEX PART NUMBER: 442060007\_sd



Title		
HardWare		
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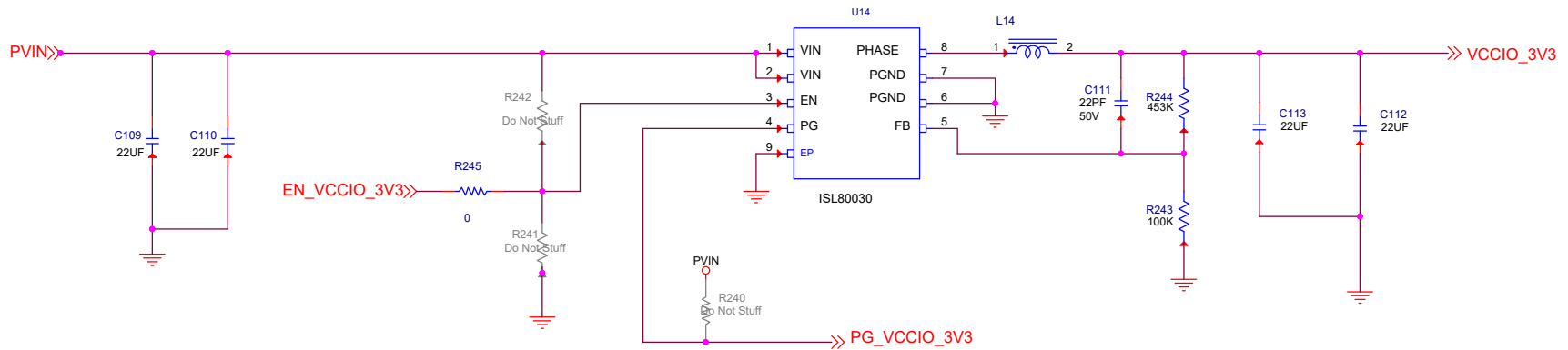


ISL91211BIK-TR5877		
A7 DVS_PIN1=0 DVS_PIN0=0	R53 = NC R54 = NC R24 = 1k R25 = 1k	VCCINT = 0.9V VMGTAVCC = 1.0V VMGTAVTT/VDDQ = 1.2V VTT = 0.6V
A7 DVS_PIN1=0 DVS_PIN0=1	R53 = 1k R54 = NC R24 = NC R25 = 1k	VCCINT = 0.95V VMGTAVCC = 1.0V VMGTAVTT/VDDQ = 1.2V VTT = 0.6V
A7 DVS_PIN1=1 DVS_PIN0=1	R53 = 1k R54 = 1k R24 = NC R25 = NC	VCCINT = 1.0V VMGTAVCC = 1.0V VMGTAVTT/VDDQ = 1.2V VTT = 0.6V



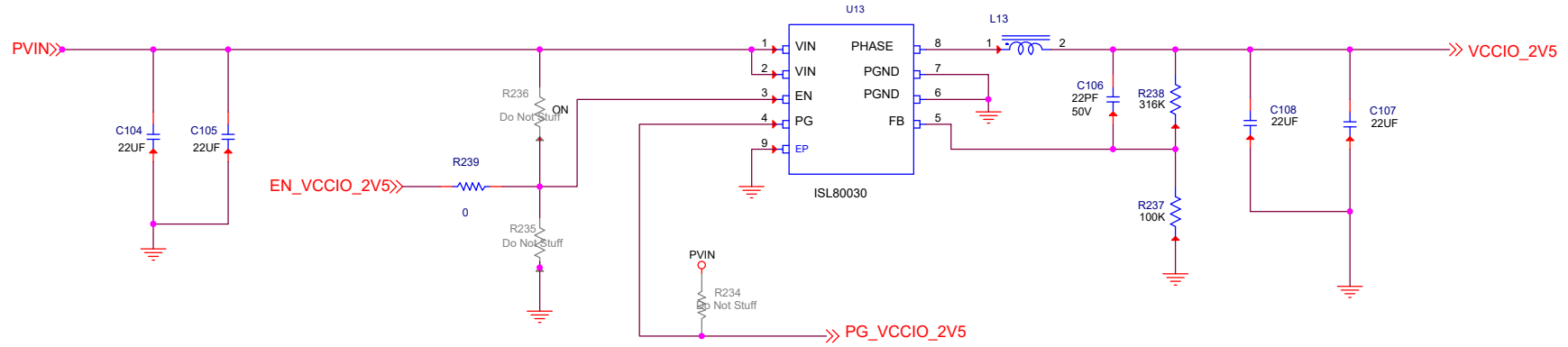
Title		
<b>ISL91211AIKZ/BKIZ</b>		
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# ISL80030 SINGLE OUTPUT FOR VCCIO 3.3V



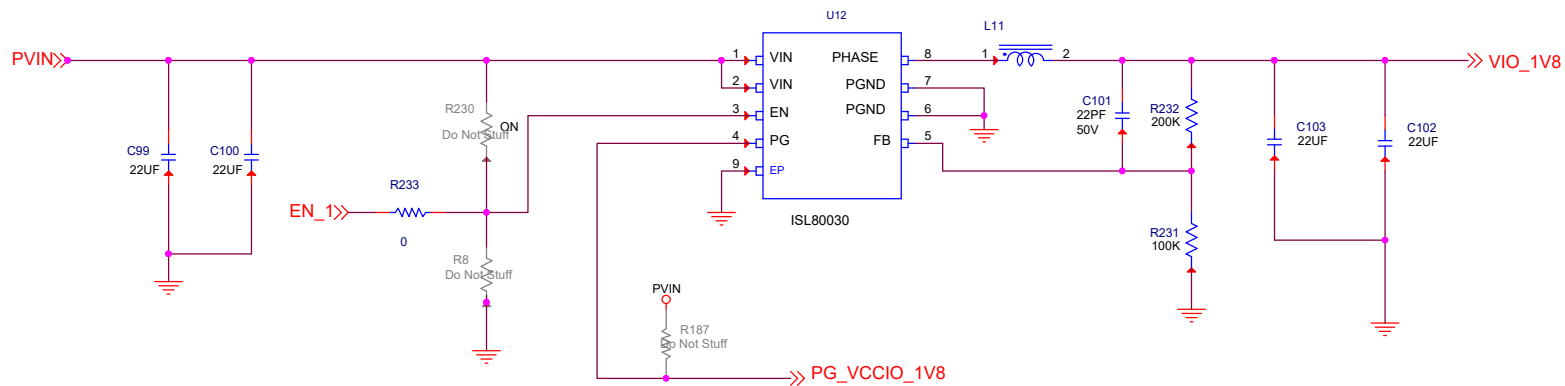
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# ISL80030 SINGLE OUTPUT FOR VCCIO 2.5V



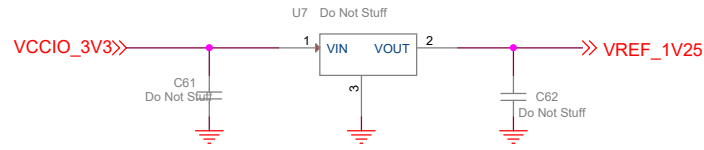
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## ISL80030 SINGLE OUTPUT FOR VCCIO 1.8V

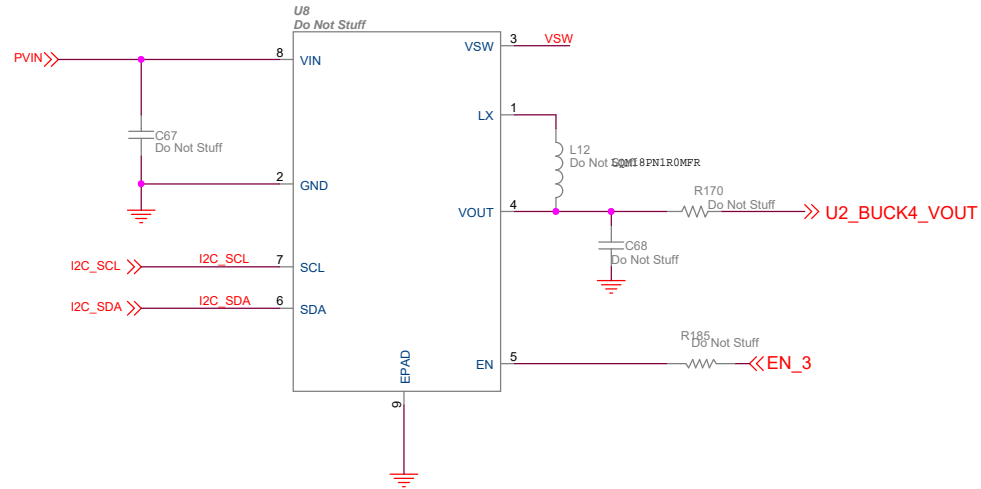


Title				
<b>ISL80030-SINGLE-1.8V</b>				
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ISL21010DFH312 for 1.25V reference to FPGA ADC



ISL9123IRN for VTT\_REF - FPWM



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ISL21010DFH312		
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