

Vincennes University  
Technology Division  
Electronics Department  
Vincennes, Indiana 47591

Title: ELEC130 Project Board

Size:

A

Document No:

0001

Rev:

3.0

Date: 12/18/2017

David Frame

Sheet 1 of 5

AstableVCC

5v

C7  
100nF

R22  
50 %

R24  
100Ω

U1Discharge

R23  
50 %

R26  
100Ω

D2  
1N4148

U1Thresh

C8  
10nF

C9  
10nF

U6

VCC

OUT

DIS

THR

TRI

CON

GND

1

LM555CM

AstableOutput

J23

LED7  
LED\_yellow

R25  
330Ω



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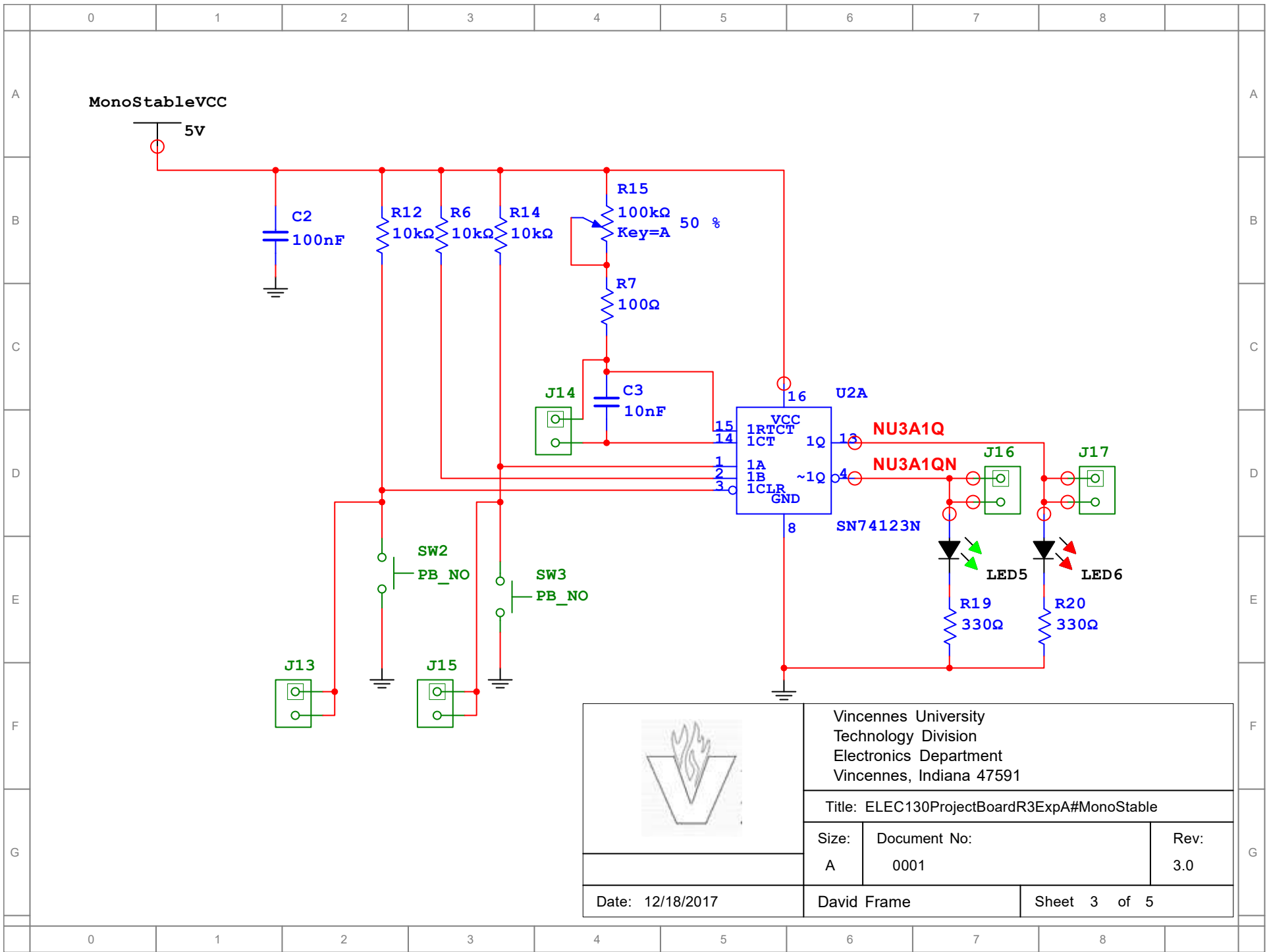
Rev:

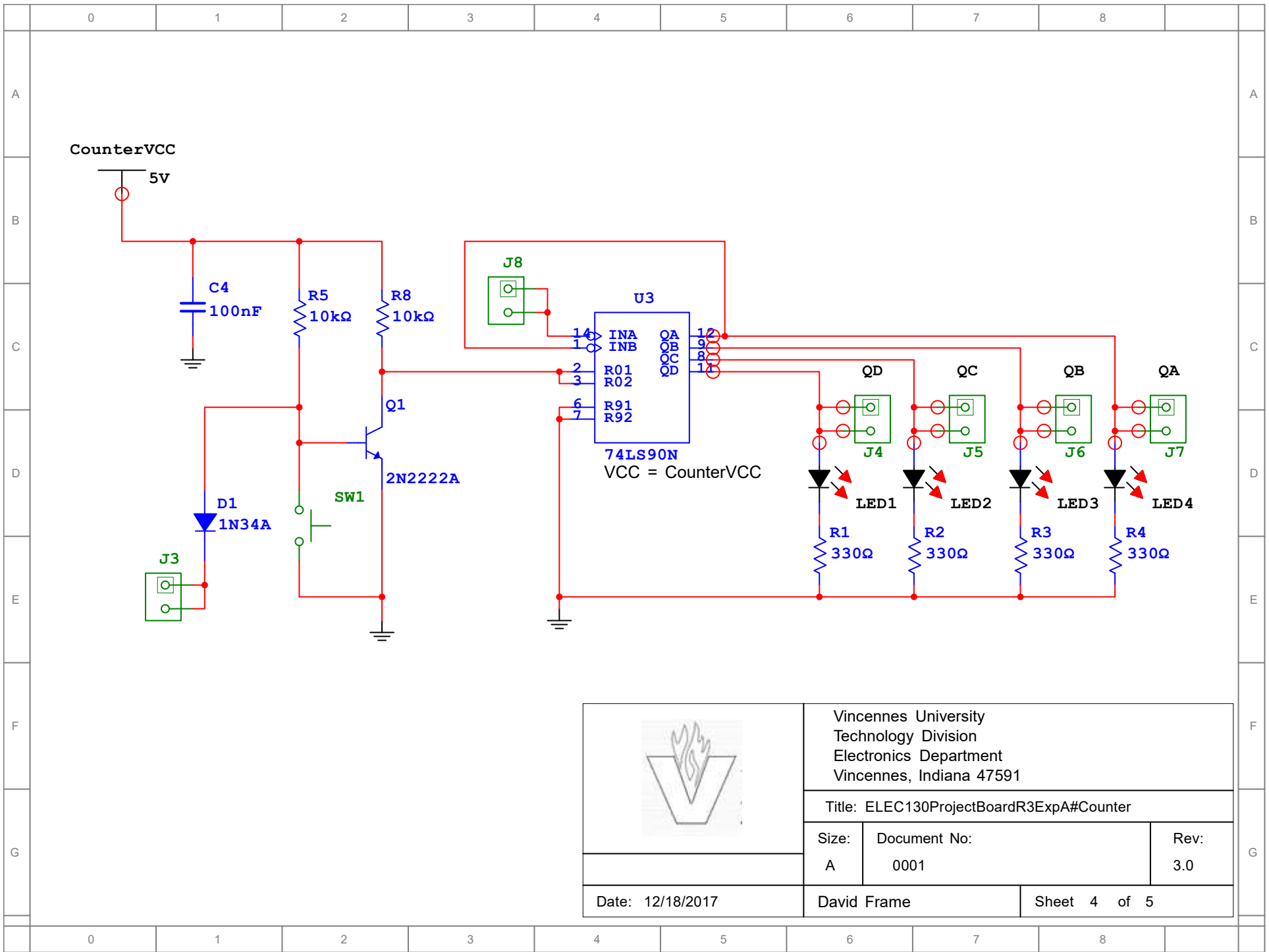
3.0

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HexDisplayVCC

5V

C6  
100nF

INA

INB

INC

IND

J12

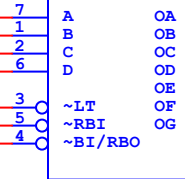
J11

J10

J9

R9  
10kΩ

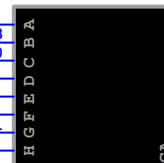
U4



7447N

VCC = HexDisplayVCC

U5



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