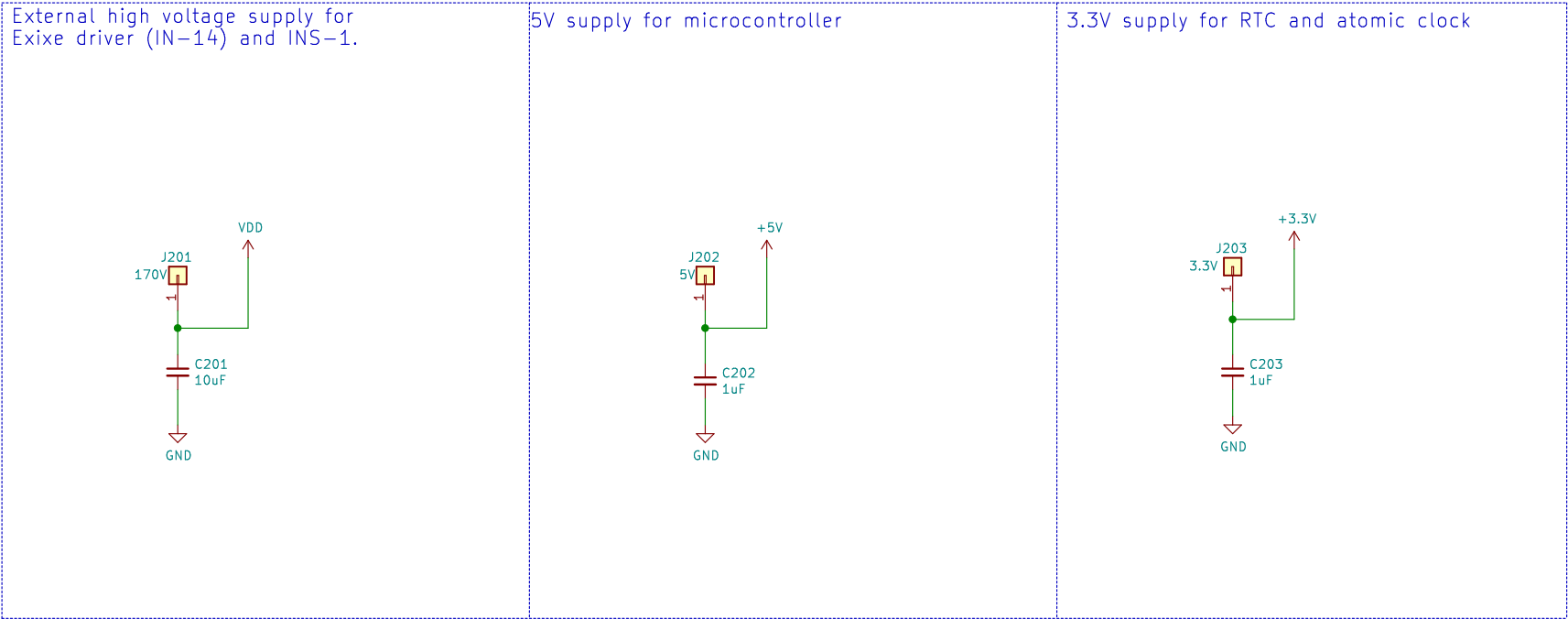


1	2	3	4	5	6
A	<div>Sheet: Power</div> <div>File: Power.sch</div>				A
B	<div>Sheet: Indicators_BinaryClock</div> <div>File: Indicators_BinaryClock.sch</div>				B
C	<div>Sheet: CPU_Time</div> <div>File: CPU_Time.sch</div>				C
D	<div>Sheet: Exixe14</div> <div>File: Exixe14.sch</div>				D
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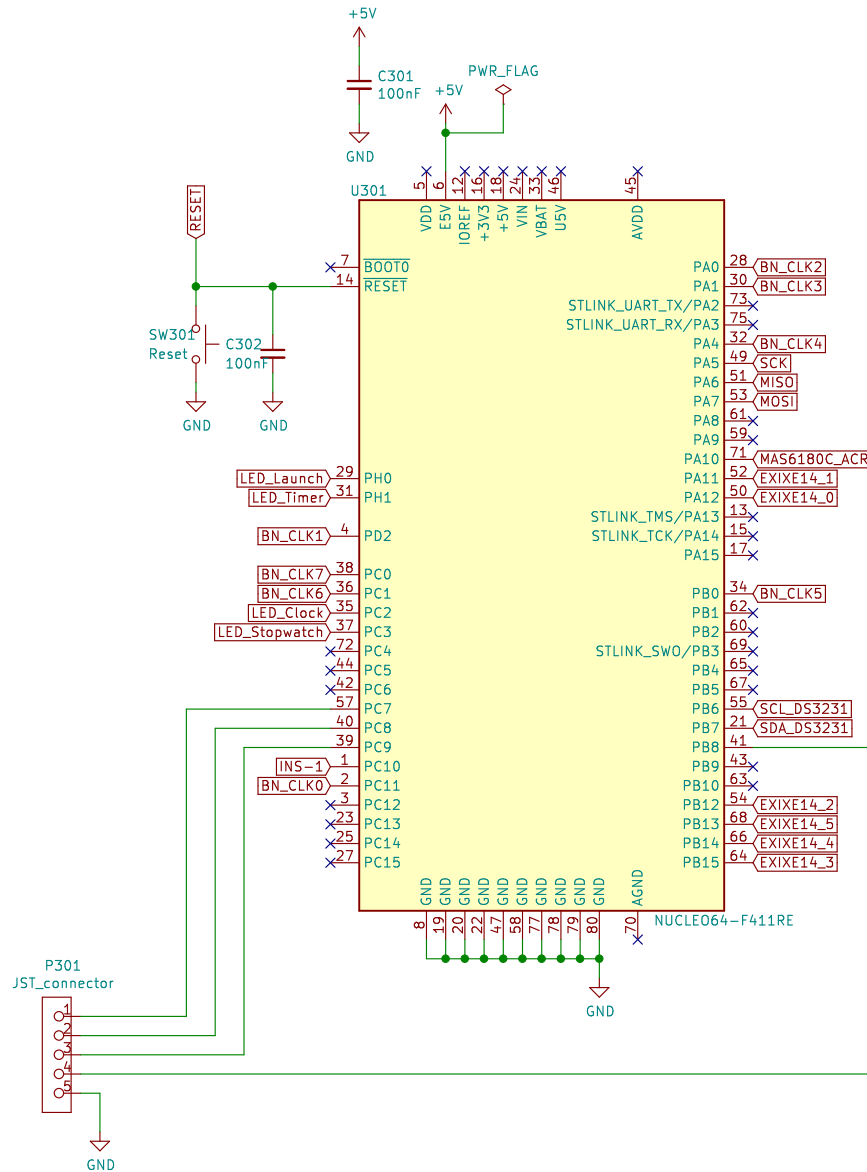
Author: Pundeep Hundal		
Co-author: Sichun Xu		
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University of Alberta (AlbertaSat)		
Sheet: /		
File: Electrical.sch		
Title: Nixie Tube Clock Host Board		
Size: A4	Date: 2021-04-26	Rev: v01.2
KiCad E.D.A. eeschema (5.1.9)-1		Id: 1/5

All three power inputs are derived from High Voltage Power Supply Unit.

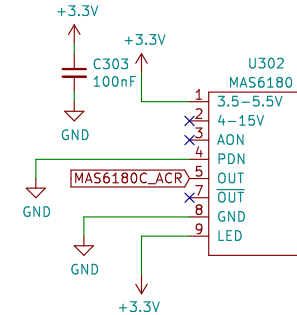


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Co-author: Sichun Xu		
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University of Alberta (AlbertaSat)		
Sheet: /Power/		
File: Power.sch		
Title: Nixie Tube Clock Host Board		
Size: A4	Date: 2021-04-26	Rev: v01.2
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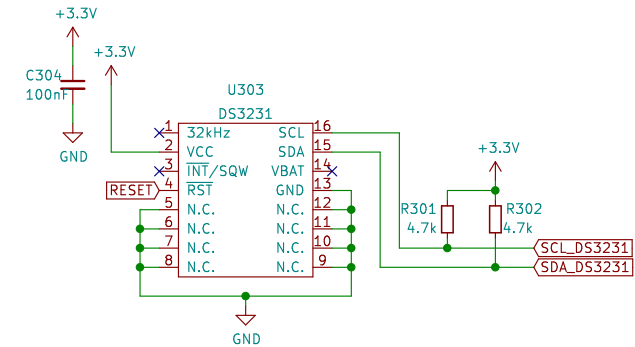
STM64-F401RE Nucleo Board



MAS6180 AM-Receiver with Antenna (or WWVB atomic clock receiver)



DS3231 RTC (with 32k EEPROM)



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Sheet: /CPU_Time/
File: CPU_Time.sch

Title: Nixie Tube Clock Host Board

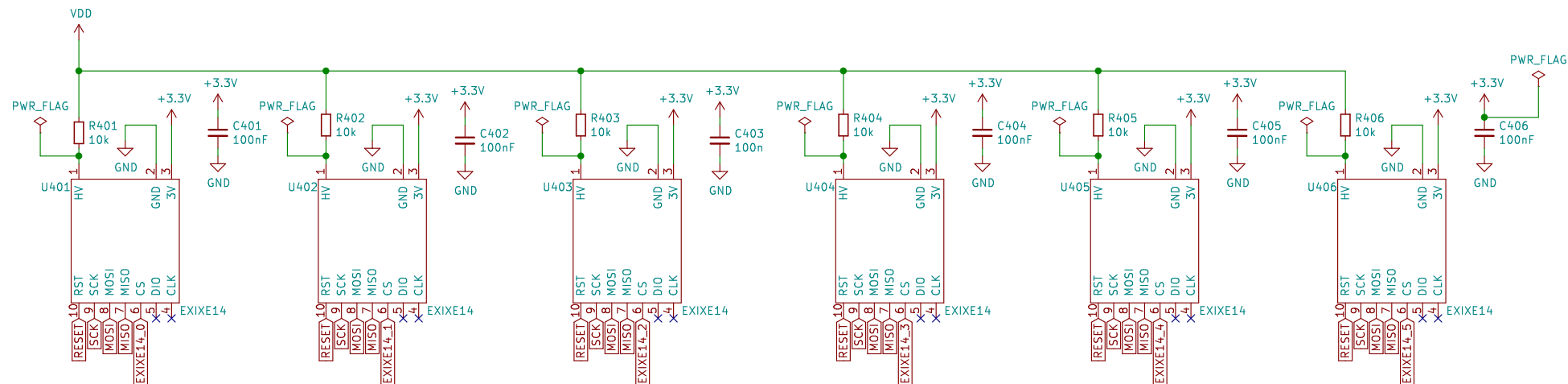
Size: A4 Date: 2021-04-26

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Rev: v01.2

Id: 3/5

Exixe-14 drivers for IN-14 tubes



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Sheet: /Exixe14/

File: Exixe14.sch

Title: Nixie Tube Clock Host Board

Size: A4

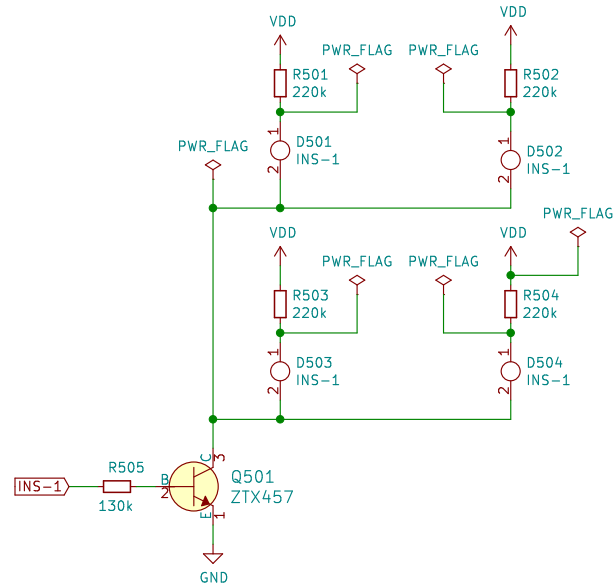
Date: 2021-04-26

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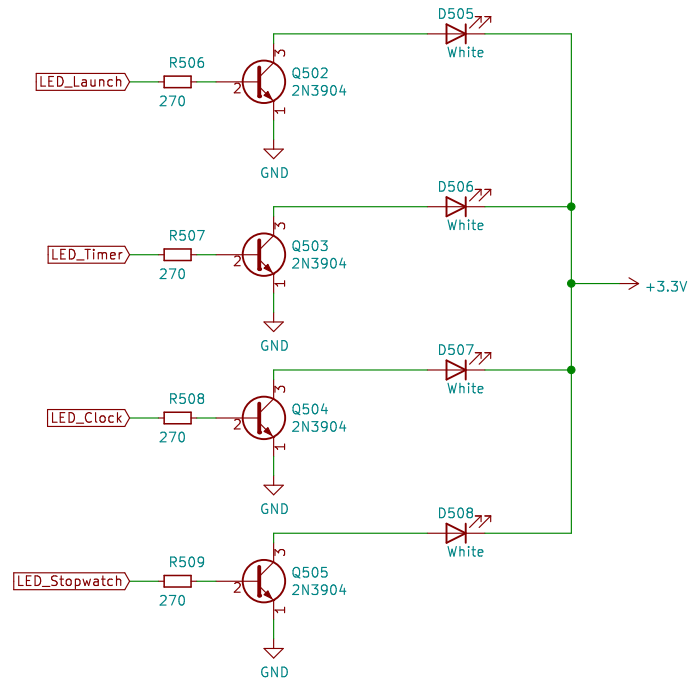
Rev: v01.2

Id: 4/5

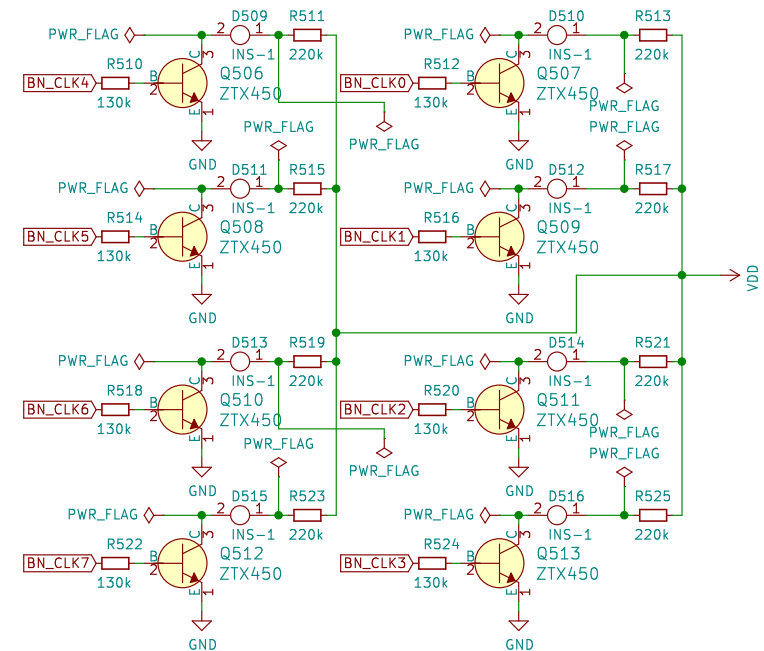
INS-1 Colon Indicators



Panel Mounting LEDs (Model: 5586403027F)



INS-1 Binary Clock



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Co-author: Sichun Xu
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Sheet: /Indicators_BinaryClock/
File: Indicators_BinaryClock.sch

Title: Nixie Tube Clock Host Board

Size: A4 Date: 2021-04-26

KiCad E.D.A. eeschema (5.1.9)-1

Rev: v01.2

Id: 5/5