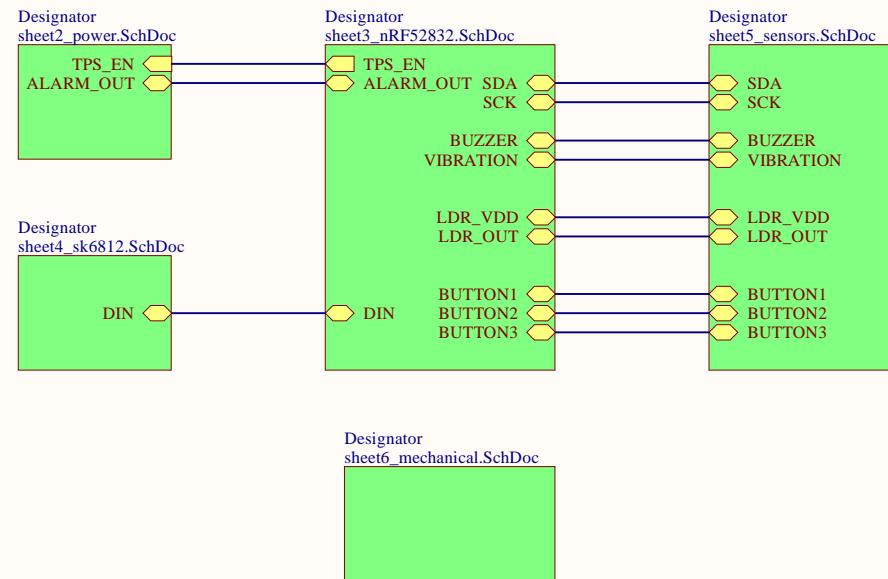
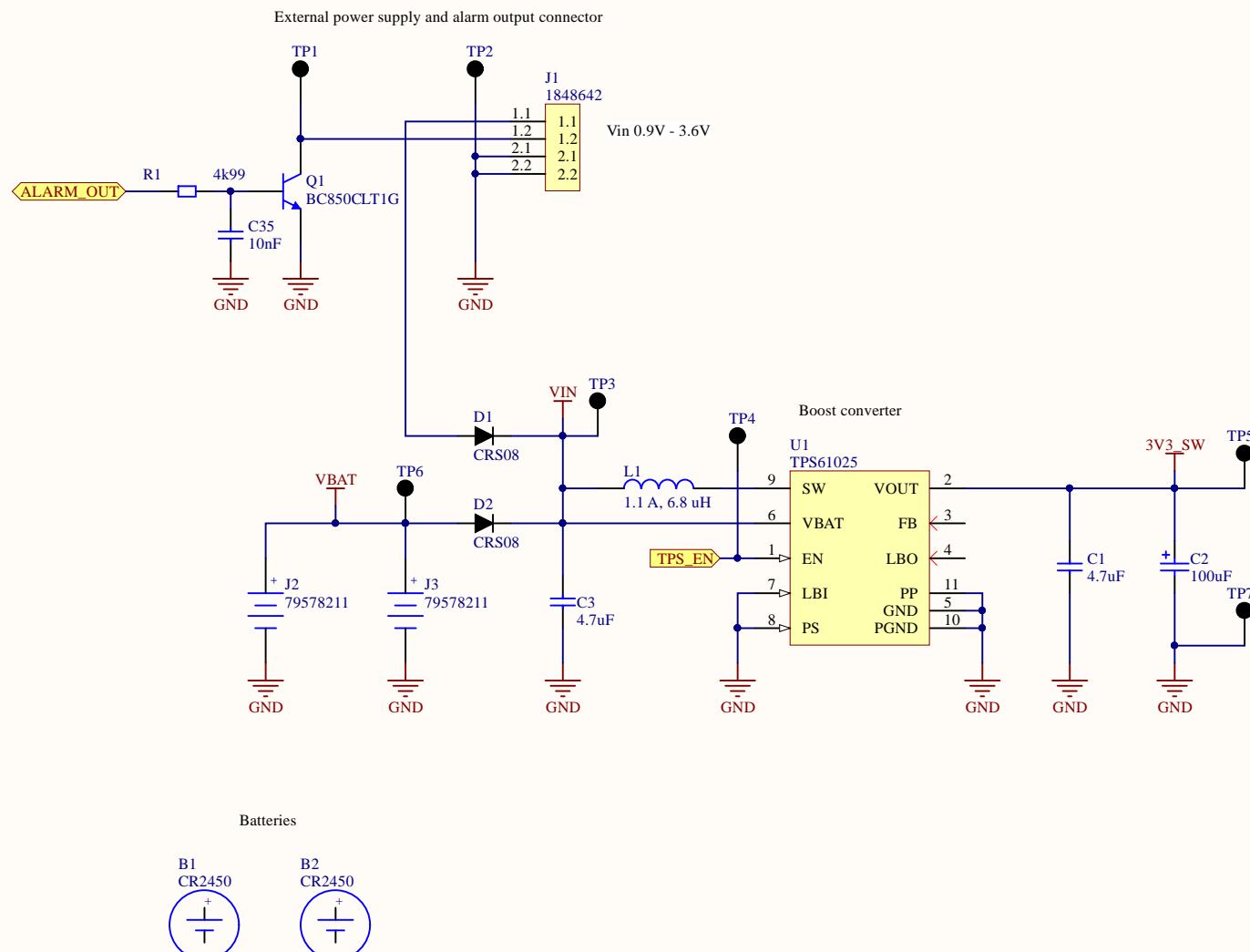


# World of Technology and Science gadget 2018: Proximo

Sheet 1: Overview  
 Sheet 2: Power  
 Sheet 3: nRF52832  
 Sheet 4: sk6812  
 Sheet 5: Sensors  
 Sheet 6: Mechanical



# Power



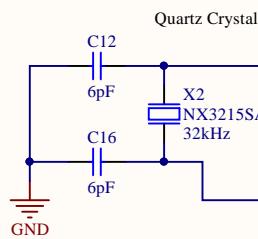
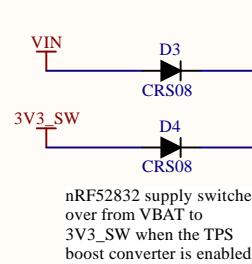
Title **Proximo: Power**

Size: A4	Number: 1	Revision: 1.0
Date: 5-6-2018	Time: 16:21:25	Sheet 2 of 6

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# Nordic Semiconductor nRF52832

A



VIBRATION

LDR\_VDD

LDR\_OUT

RxD

TxD

P0.00/XL1

P0.01/XL2

P0.02/AIN0

P0.03/AIN1

P0.04/AIN2

P0.05/AIN3

P0.06

P0.07

P0.08

P0.09

P0.10

GNDPAD

C6 & C7: Eratta 138:  
Radio Spurious  
emission on GPIO  
exceeds limits in  
radiated testC6  
12pFC7  
12pFC8  
12pFC10  
12pFC13  
100nFC14  
100pFC15  
100pFC16  
100pFC17  
0.7pFC18  
0.7pF

DNP

RF

NC

NC

A1  
Proant2400

B

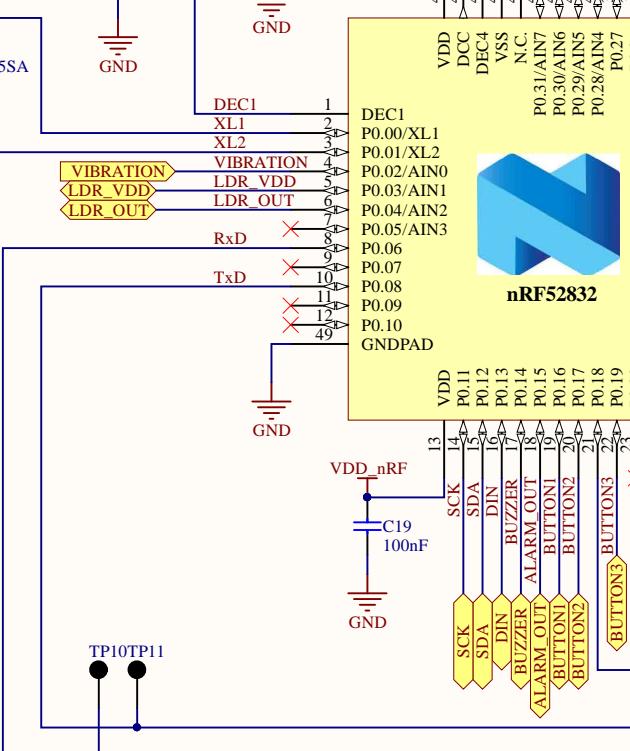
B

C

C

D

D



TP10TP11

Title Proximo: nRF52832

Size: A4

Number: 1

Revision: 1.0

Date: 5-6-2018

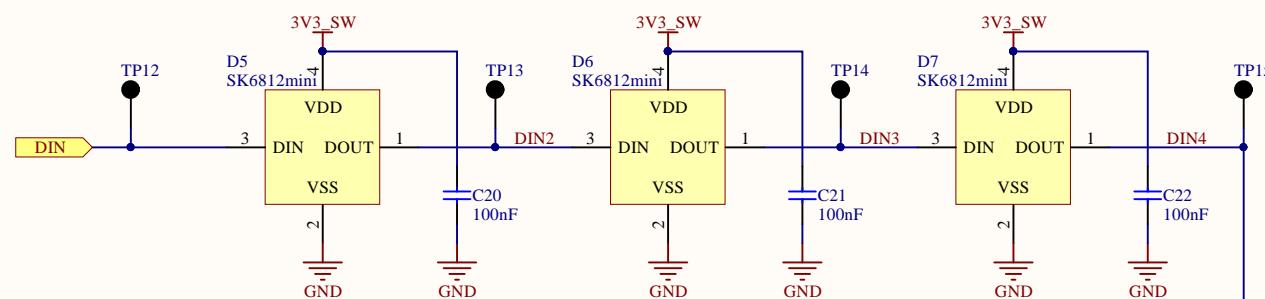
Time: 16:21:26

Sheet 3 of 6

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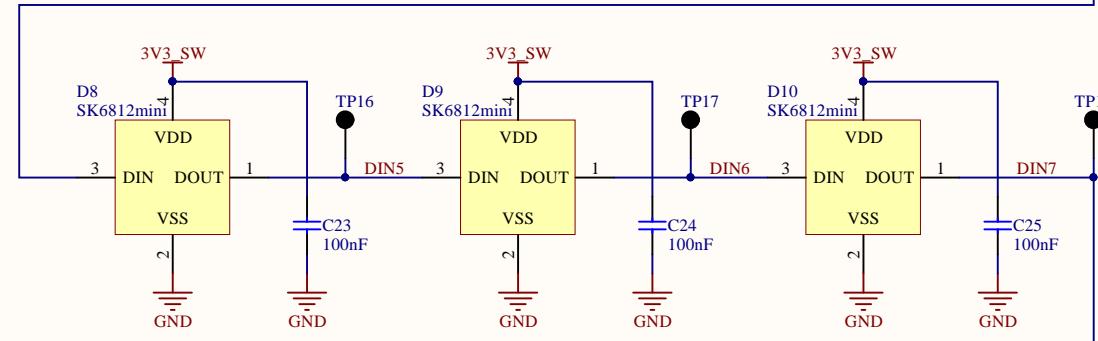
# SK6812 Matrix

A



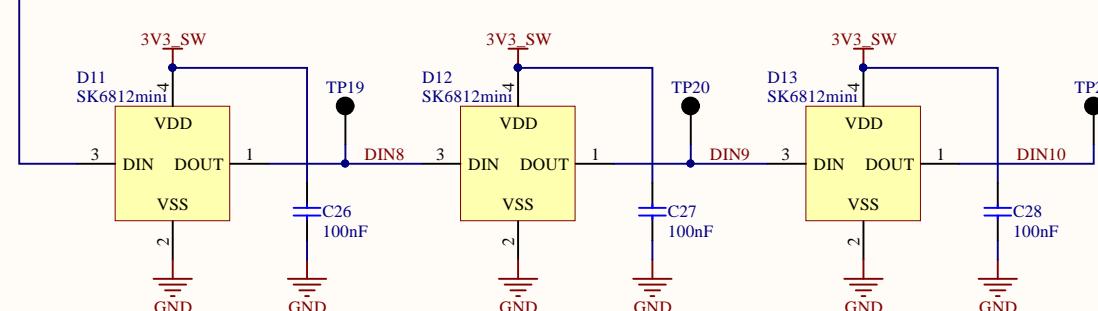
A

B



B

C



C

D

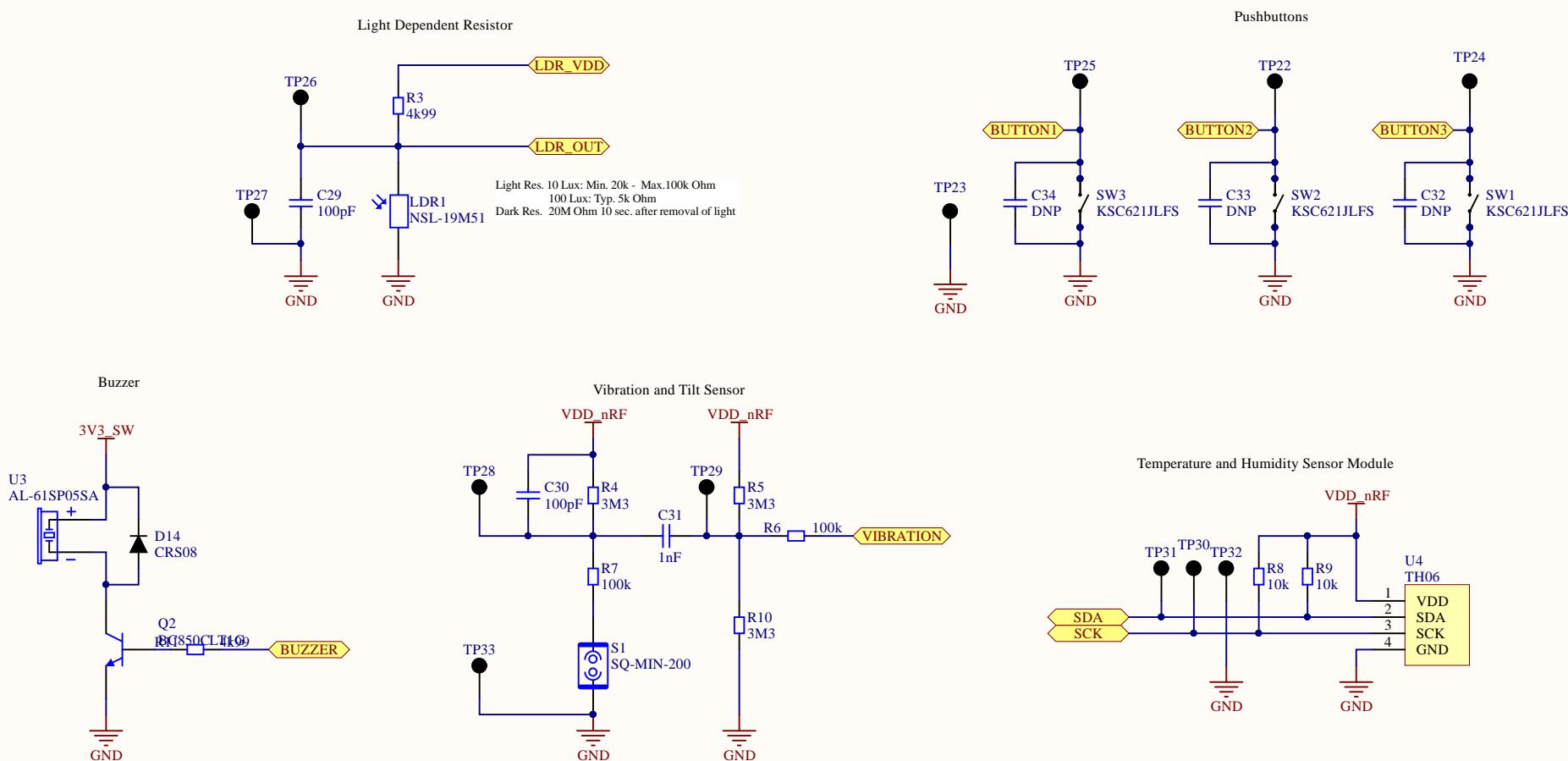
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Size: A4	Number: 1	Revision: 1.0
Date: 5-6-2018	Time: 16:21:27	Sheet 4 of 6

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# Sensors



Title **Proximo: Sensors**

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Date: 5-6-2018	Time: 16:21:27	Sheet 5 of 6

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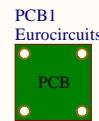
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# Mechanical Parts

A  
B  
C  
D

Fiducials

F1 F2 F3 F4



A  
B  
C  
D

Enclosure



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Size: A4	Number: 1	Revision: 1.0		
Date: 5-6-2018	Time: 16:21:31	Sheet 6 of 6		