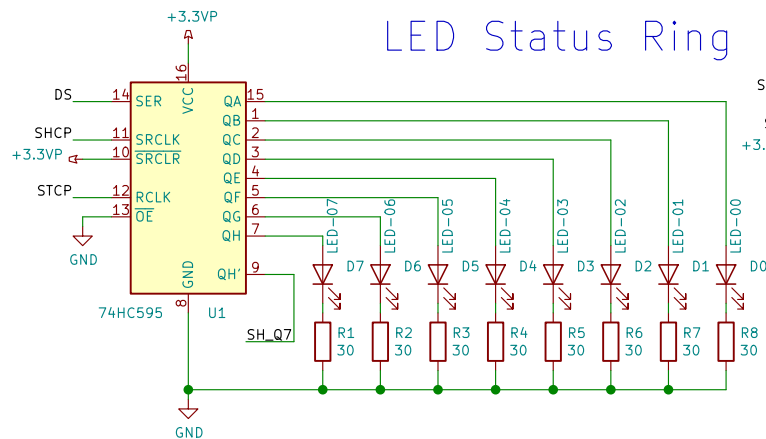
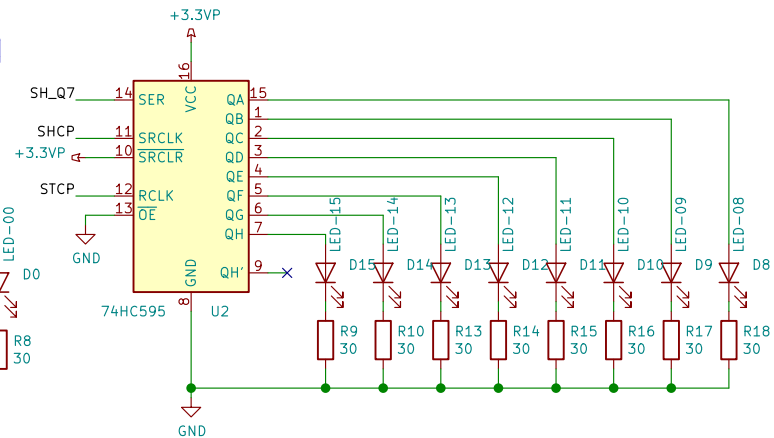
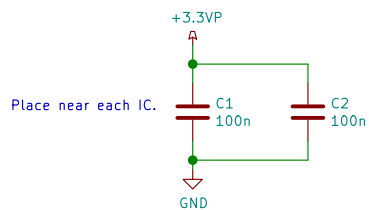




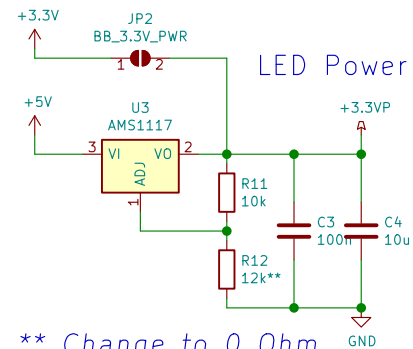
## LED Status Ring



DS ———— DS  
SHCP ———— SHCP  
STCP ———— STCP



## LED Power Supply



*\*\* Change to 0 Ohm  
if using AMS1117-3.3*

WARNING – NOT YET VALIDATED!

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Sheet: /LED Ring/

File: led-ring.sch

**Title: LED Ring**

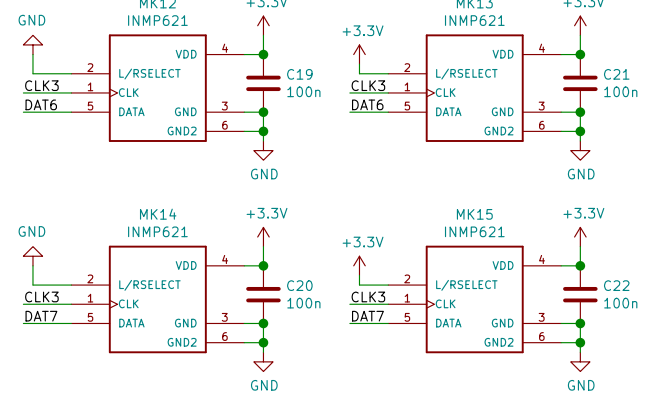
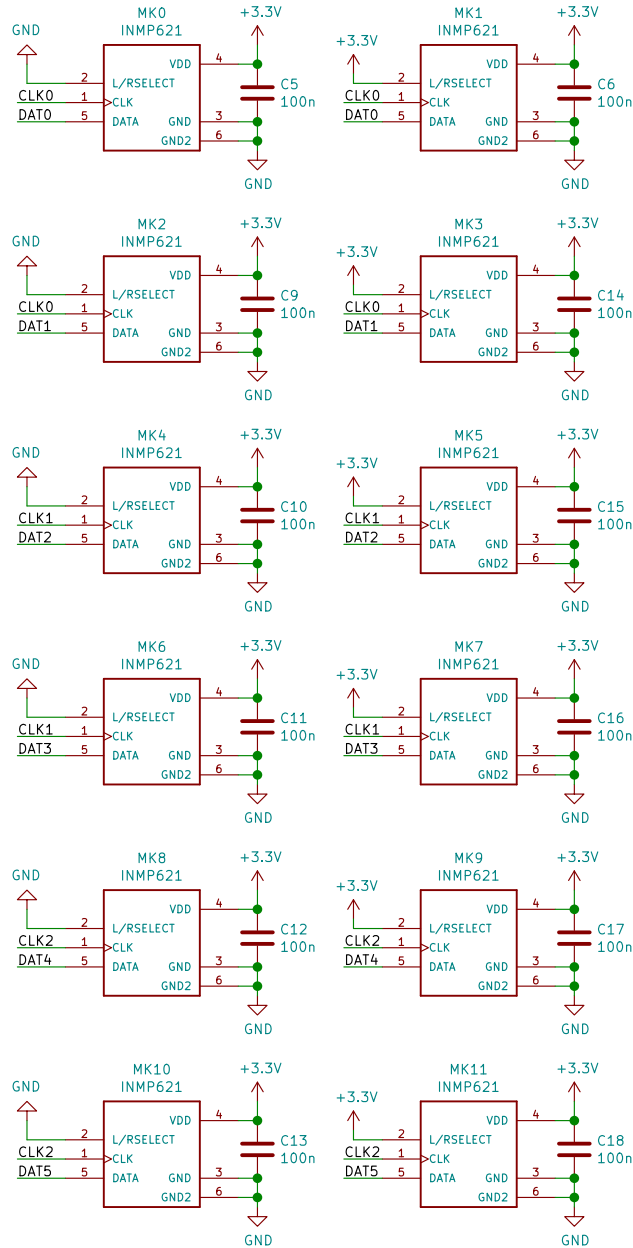
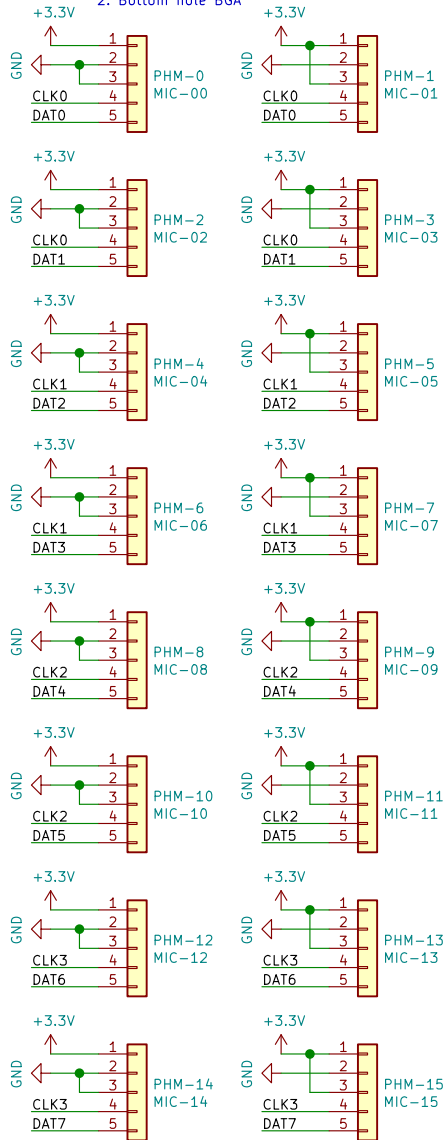
Size: A4 Date: 2020-04-05

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**Rev: 1.0-rc4**

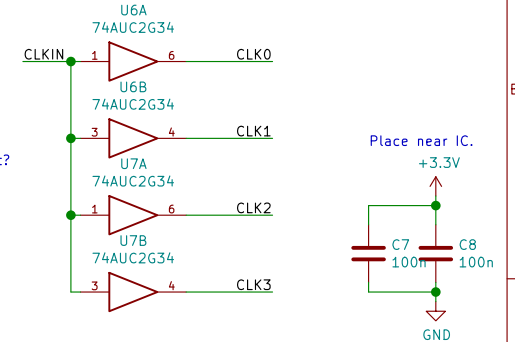
Id: 2/3

Two placement variants per microphone:  
1. Pin Header  
2. Bottom hole BGA

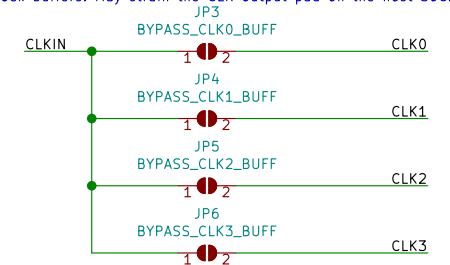


DAT0  
DAT1  
DAT2  
DAT3  
DAT4  
DAT5  
DAT6  
DAT7  
CLKIN

Buffer power supply.  
Why KiCad symbol has forced a hidden VCC net?  
VCC



Bypass the clock buffers. May strain the CLK output pad on the host SoC.



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Sheet: /Microphone Headers/  
File: mic-headers.sch

Title: PDM Microphones

Size: A4 Date: 2020-04-05

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Rev: 1.0-rc4

Id: 3/3