

	1	2	3	4	5	6
A	<div>Sheet: Power</div> <div>File: Power.sch</div>				<div>Sheet: ECBus</div> <div>File: ECBus.sch</div>	
B	<div>Sheet: Indications</div> <div>File: Indications.sch</div>		<div>Sheet: uController</div> <div>File: uController.sch</div>		<div>Sheet: PCMBus</div> <div>File: PCMBus.sch</div>	
C	<div>Sheet: Baseband</div> <div>File: Baseband.sch</div>	<div>Sheet: IO</div> <div>File: IO.sch</div>			<div>Sheet: Serial2WiFi</div> <div>File: Ser2WiFi.sch</div>	
D	<div>Sheet: I2C</div> <div>File: I2C.sch</div>	<div>Sheet: RS232</div> <div>File: RS232.sch</div>		<div>SOFTWARE: <a href="https://github.com/cstroie/Arabell300">https://github.com/cstroie/Arabell300</a> <a href="https://github.com/hegars/300BaudModem">https://github.com/hegars/300BaudModem</a> IN DEVELOPMENT <a href="https://pcb.hegars.com/">https://pcb.hegars.com/</a></div> <div>Sheet: / File: 300BaudModem.sch</div> <div><b>Title: 300 Baud Audio FSK Modem</b></div> <div>Size: A4Date: 2021-07-08Rev: 0.1</div> <div>KiCad E.D.A. kicad (5.1.9)-1Id: 1/11</div>		
	1	2	3	4	5	6

RST\_Request

Signaling-RINGDOWN

Signaling-OFFHOOK

I2C-SDL

I2C-SDA

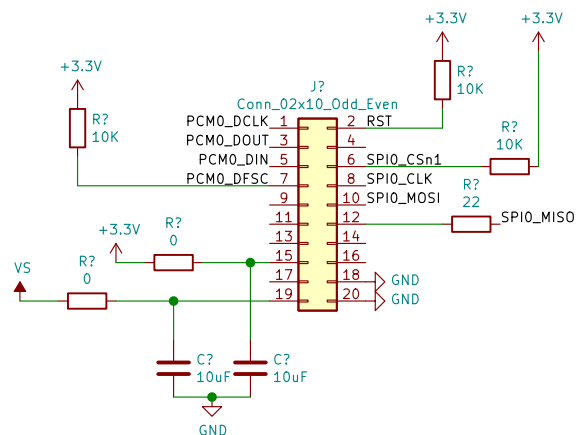
Baseband-OUT

Baseband-IN

Baseband to PCM transcoder

+5V  
GND

PCM0\_DFSC  
PCM0\_DIN  
PCM0\_DOUT  
PCM0\_DCLK



SOFTWARE: <https://github.com/cstroie/Arabell300>  
<https://github.com/hegars/300BaudModem>  
IN DEVELOPMENT  
<https://pcb.hegars.com/>

Sheet: /PCMBus/  
File: PCMBus.sch

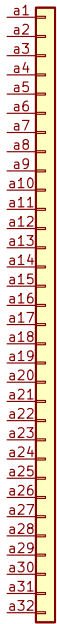
**Title: 300 Baud Audio FSK Modem**

Size: A4 Date: 2021-07-08

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

Rev: 0.1

Id: 2/11



J?  
DIN41612\_01x32\_A

SOFTWARE: <https://github.com/cstroie/Arabell300>  
<https://github.com/hegars/300BaudModem>  
IN DEVELOPMENT  
<https://pcb.hegars.com/>

Sheet: /ECBus/  
File: ECBus.sch

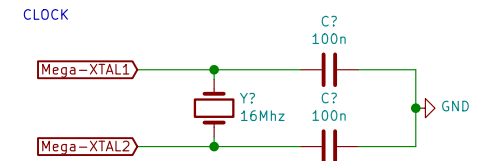
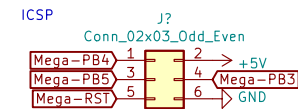
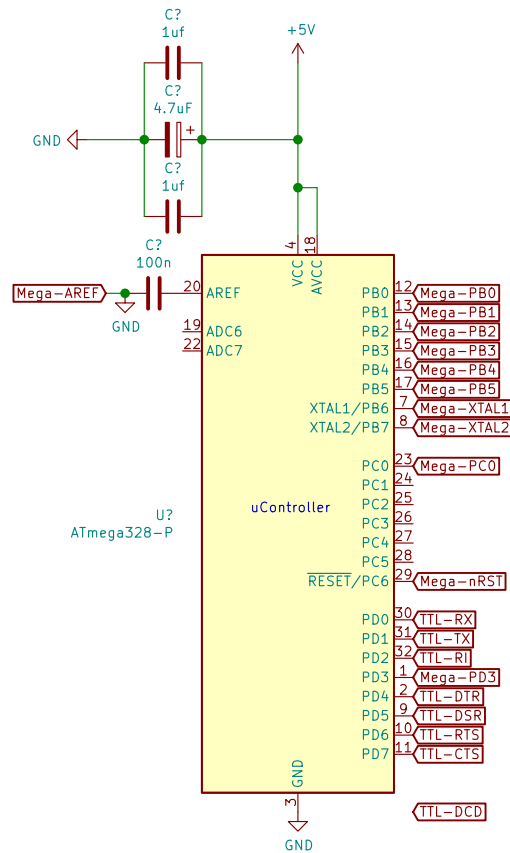
**Title: 300 Baud Audio FSK Modem**

Size: A4      Date: 2021-07-08

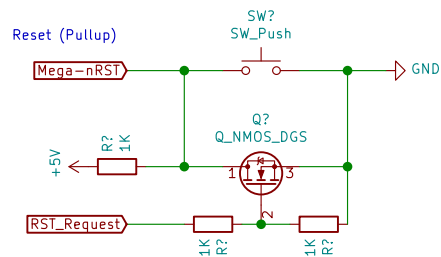
KiCad E.D.A.    kicad (5.1.9)-1

**Rev: 0.1**

Id: 3/11



Reset Circuit with digital select via p-mos select



SOFTWARE: <https://github.com/cstroie/Arabell300>  
<https://github.com/hegars/300BaudModem>  
 IN DEVELOPMENT  
<https://pcb.hegars.com/>

Sheet: /uController/  
 File: uController.sch

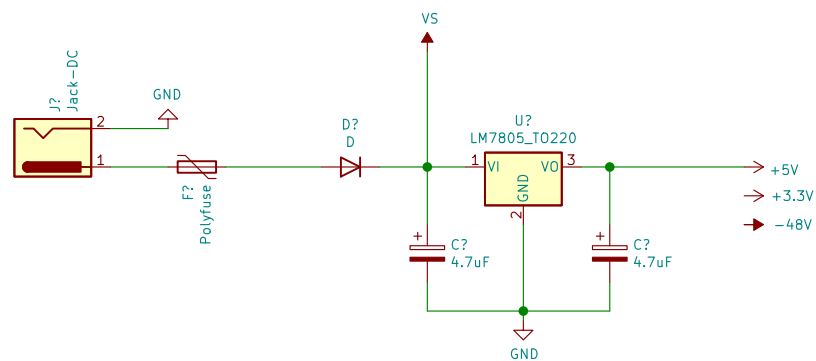
**Title: 300 Baud Audio FSK Modem**

Size: A4 Date: 2021-07-08

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

Rev: 0.1

Id: 4/11



SOFTWARE: <https://github.com/cstroie/Arabell300>  
<https://github.com/hegars/300BaudModem>  
IN DEVELOPMENT  
<https://pcb.hegars.com/>

Sheet: /Power/  
File: Power.sch

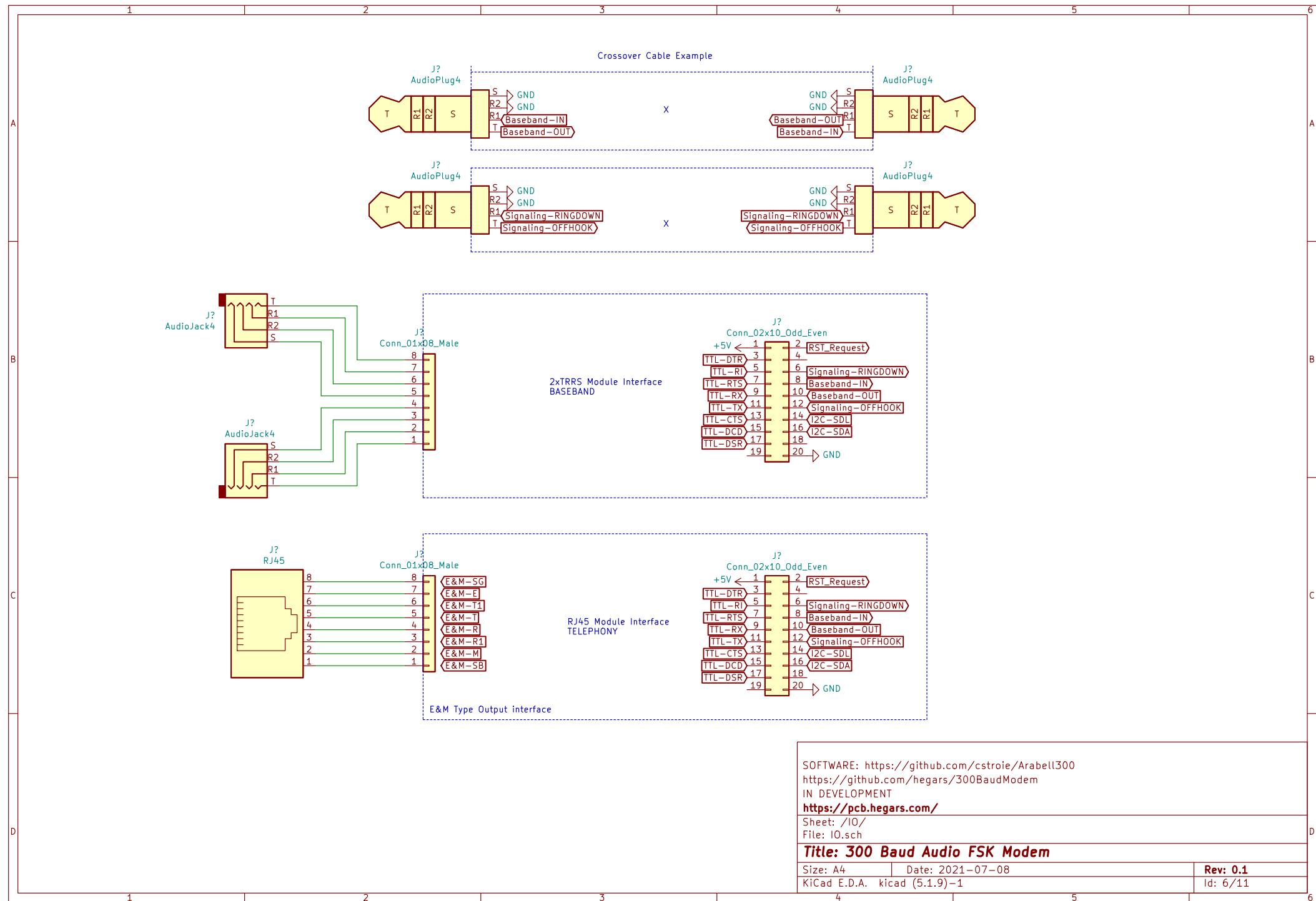
**Title: 300 Baud Audio FSK Modem**

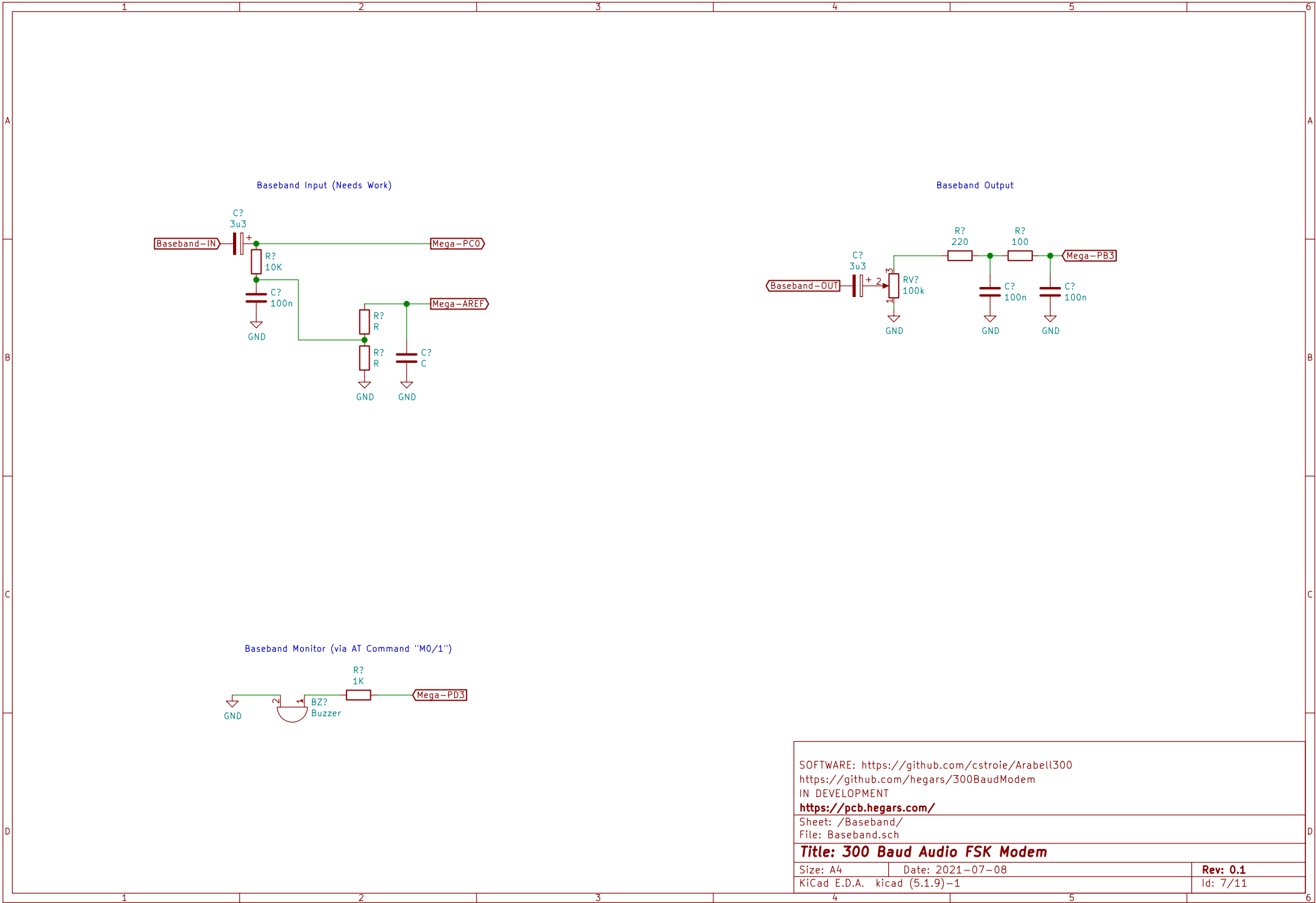
Size: A4 Date: 2021-07-08

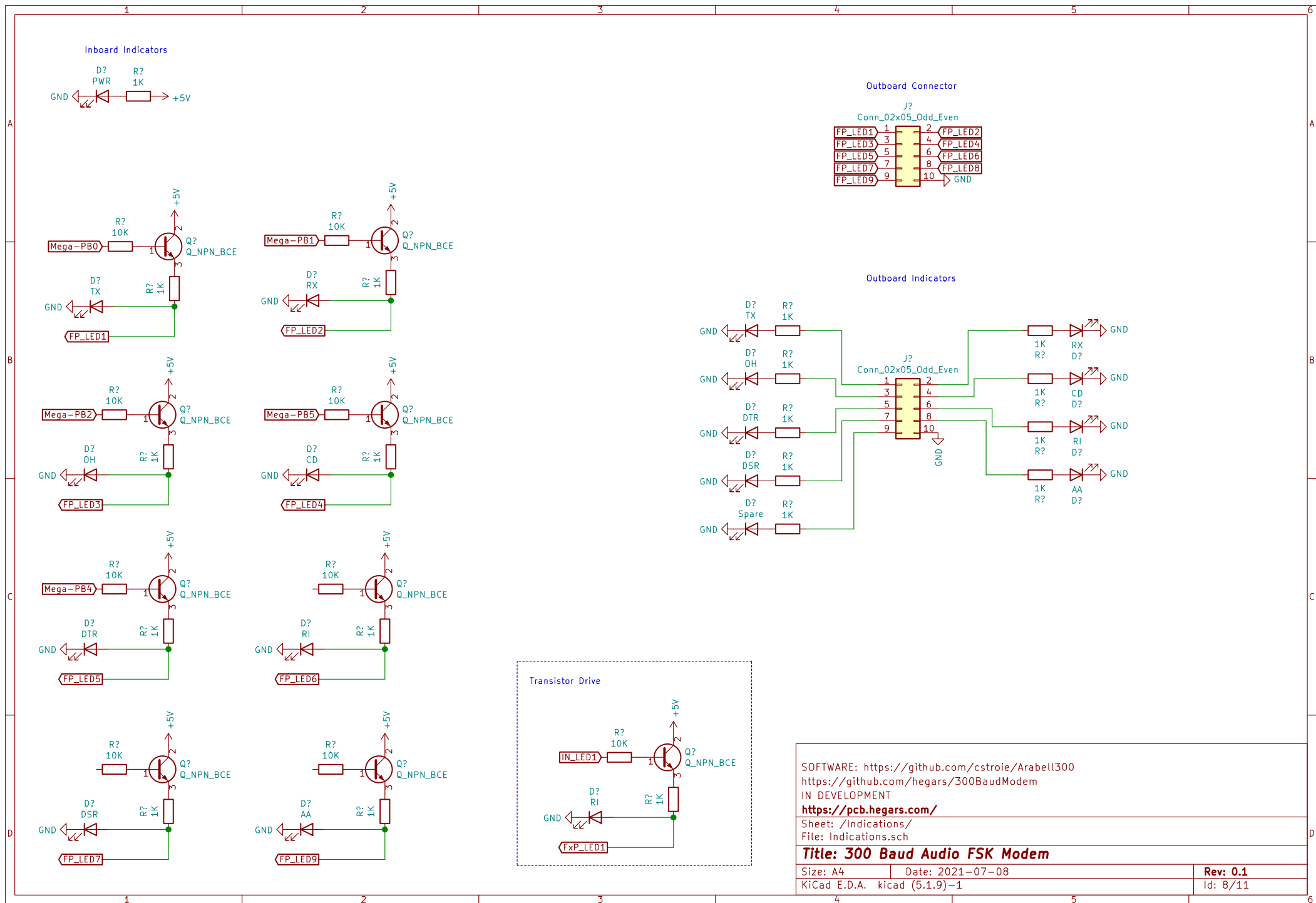
KiCad E.D.A. kicad (5.1.9)-1

Rev: 0.1

Id: 5/11

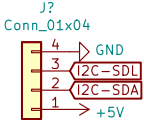








MAC Address Module

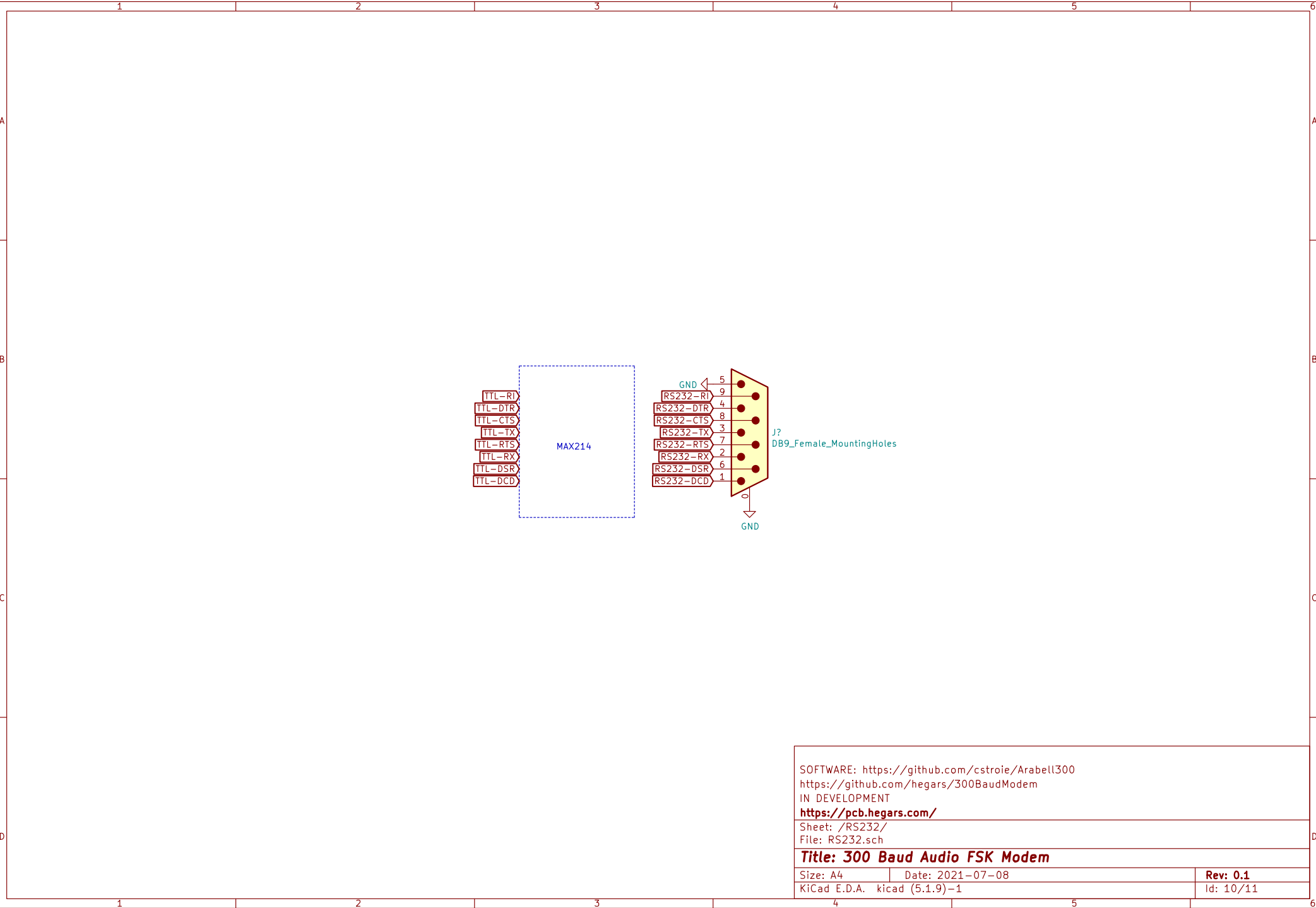


SOFTWARE: <https://github.com/cstroie/Arabell300>  
<https://github.com/hegars/300BaudModem>  
IN DEVELOPMENT  
<https://pcb.hegars.com/>

Sheet: /I2C/  
File: I2C.sch

**Title: 300 Baud Audio FSK Modem**

Size: A4	Date: 2021-07-08	Rev: 0.1
KiCad E.D.A. kicad (5.1.9)-1		Id: 9/11

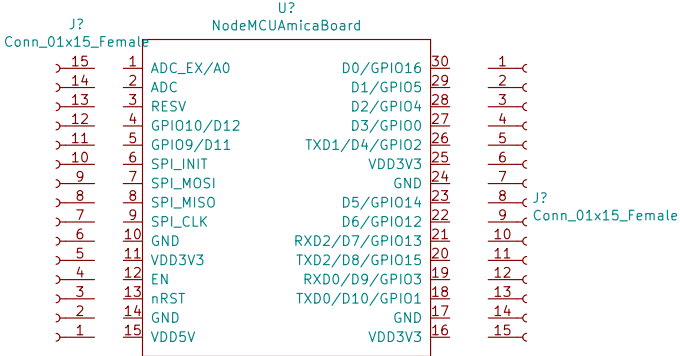


SOFTWARE: <https://github.com/cstroie/Arabell300>  
<https://github.com/hegars/300BaudModem>  
IN DEVELOPMENT  
<https://pcb.hegars.com/>

Sheet: /RS232/  
File: RS232.sch

**Title: 300 Baud Audio FSK Modem**

Size: A4	Date: 2021-07-08	Rev: 0.1
KiCad E.D.A. kicad (5.1.9)-1		Id: 10/11



Sheet: /Serial2WiFi/  
File: Ser2WiFi.sch

Title:

Size: A4  
KiCad E.D.A. kicad (5.1.9)-1

Date:

Rev:

Id: 11/11