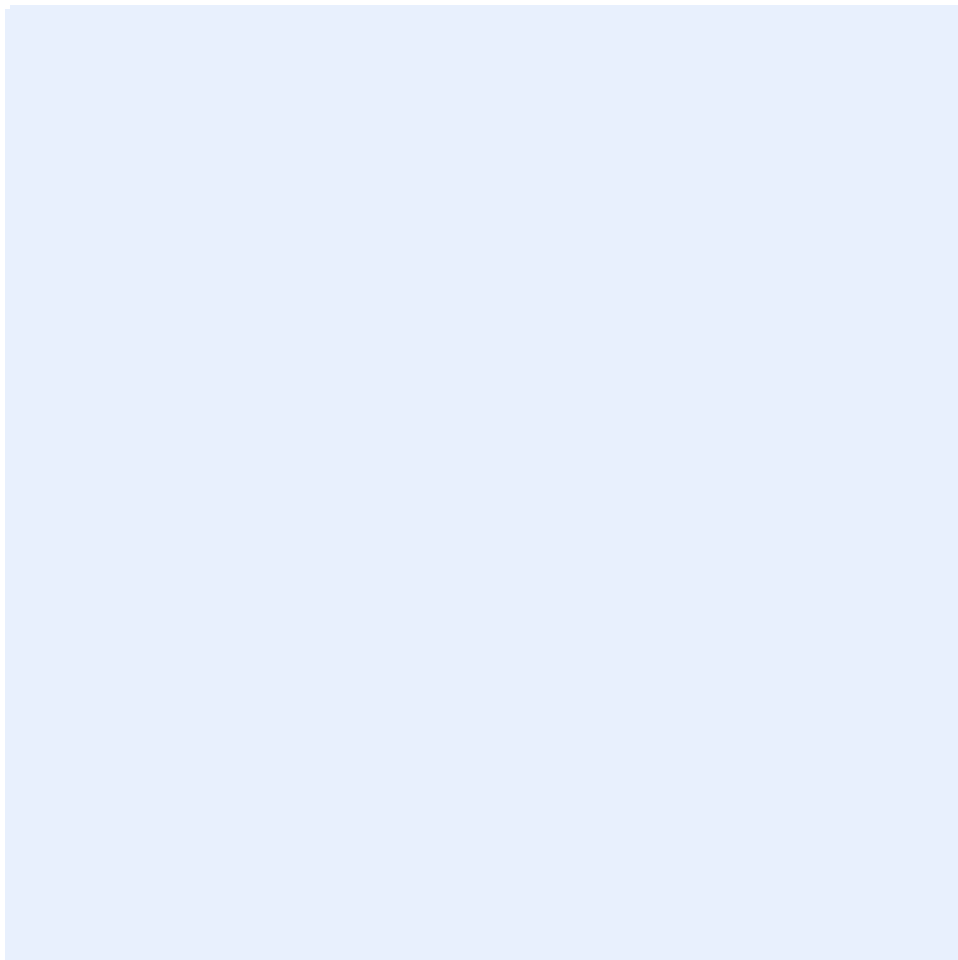


Circuit Name

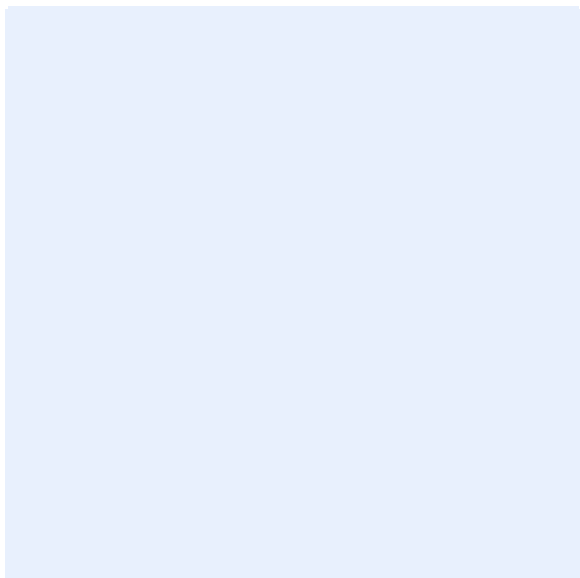
General Information

- **Group:** Prototyping (00A)
- **Circuit:** Click or tap here to enter text.
- **Variant:** Click or tap here to enter text.
- **Pieces per Panel:** Two (2)
- **Description:** High quality PCB panel with v-scores to easily separate the pieces.

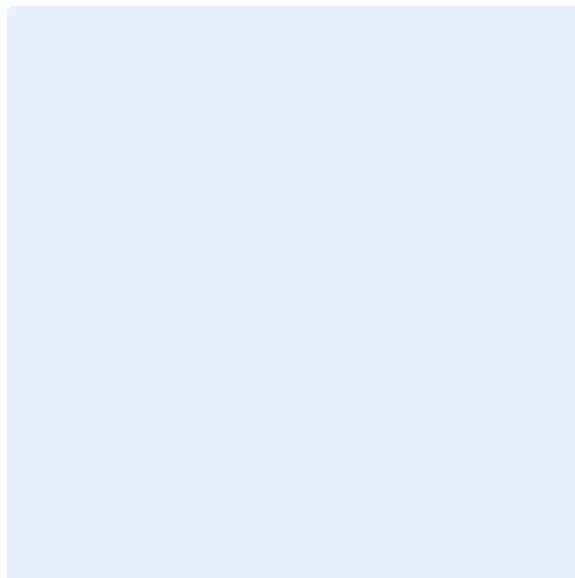
Panel



Single Board

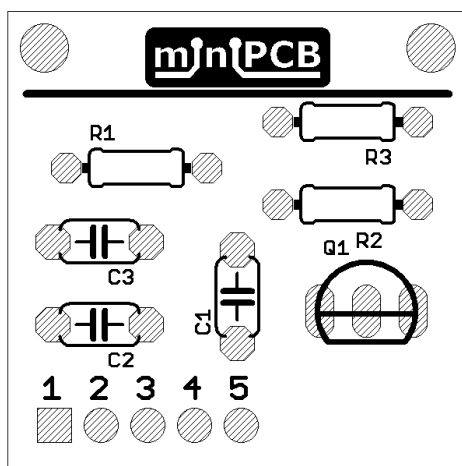


Top (Component) Side

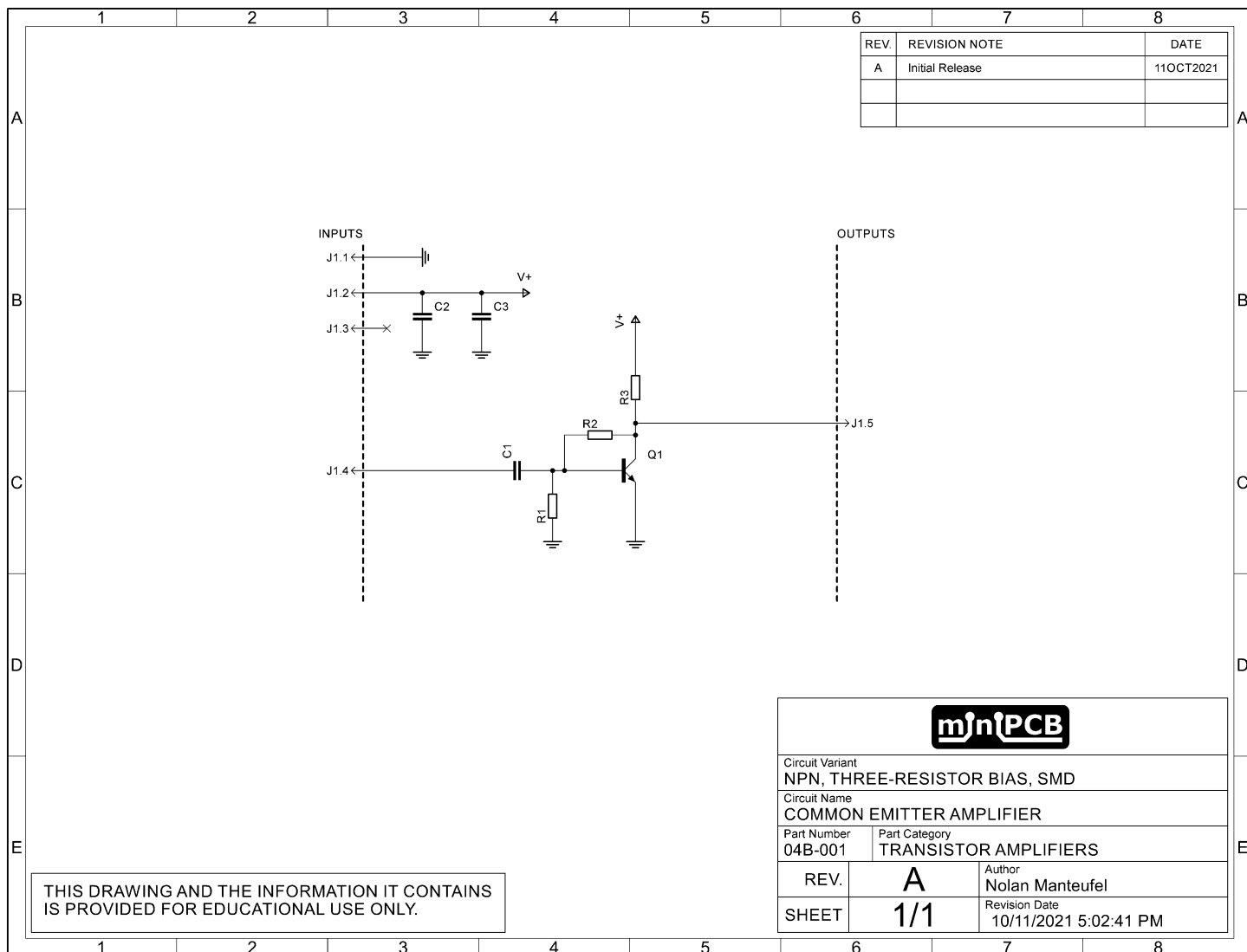


Bottom (Solder) Side

Part Locations



Schematic



Student Name:	Date:
Class:	Assignment:

Part List

#	Name	Type	Footprint	Values	Notes
1	R1	Resistor	0805		
2	R2	Resistor	0805		
3	R3	Resistor	0805		
4	C1	Capacitor	0805		
5	C2	Capacitor	0805		
6	C3	Capacitor	0805		
7	Q1	Transistor	SOT-23		Pinout (123: BEC GSD)
8	J1	Header Pins	5-pin	N/A	0.1" pitch (distance between pins)

Performance Characteristics

Parameter	Units	Target	Measured	Notes
Supply Voltage	VDC			
Quiescent Current	mA			
Input Impedance	Ohms			
Output Impedance	Ohms			
Low Freq. -3dB	Hz			
High Freq. -3dB	Hz			
Voltage Gain, A_v	$V_{out} \div V_{in}$			Measure near the center of the frequency pass band.
Current Gain, A_i	$I_{out} \div I_{in}$			
Power Gain, A_p	$A_v \times A_i$			

Supporting Documents

#	Doc. No.	Document Type	Document Title
1	DN.001	Design Notes	Selecting Parts for Your miniPCB

Revision History

Revision	Note	Date
A	Initial Release	DDMMYYYYY

Document Control

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