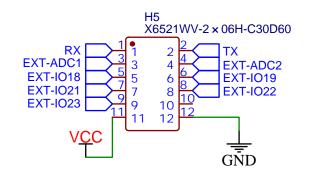


Extension board 2

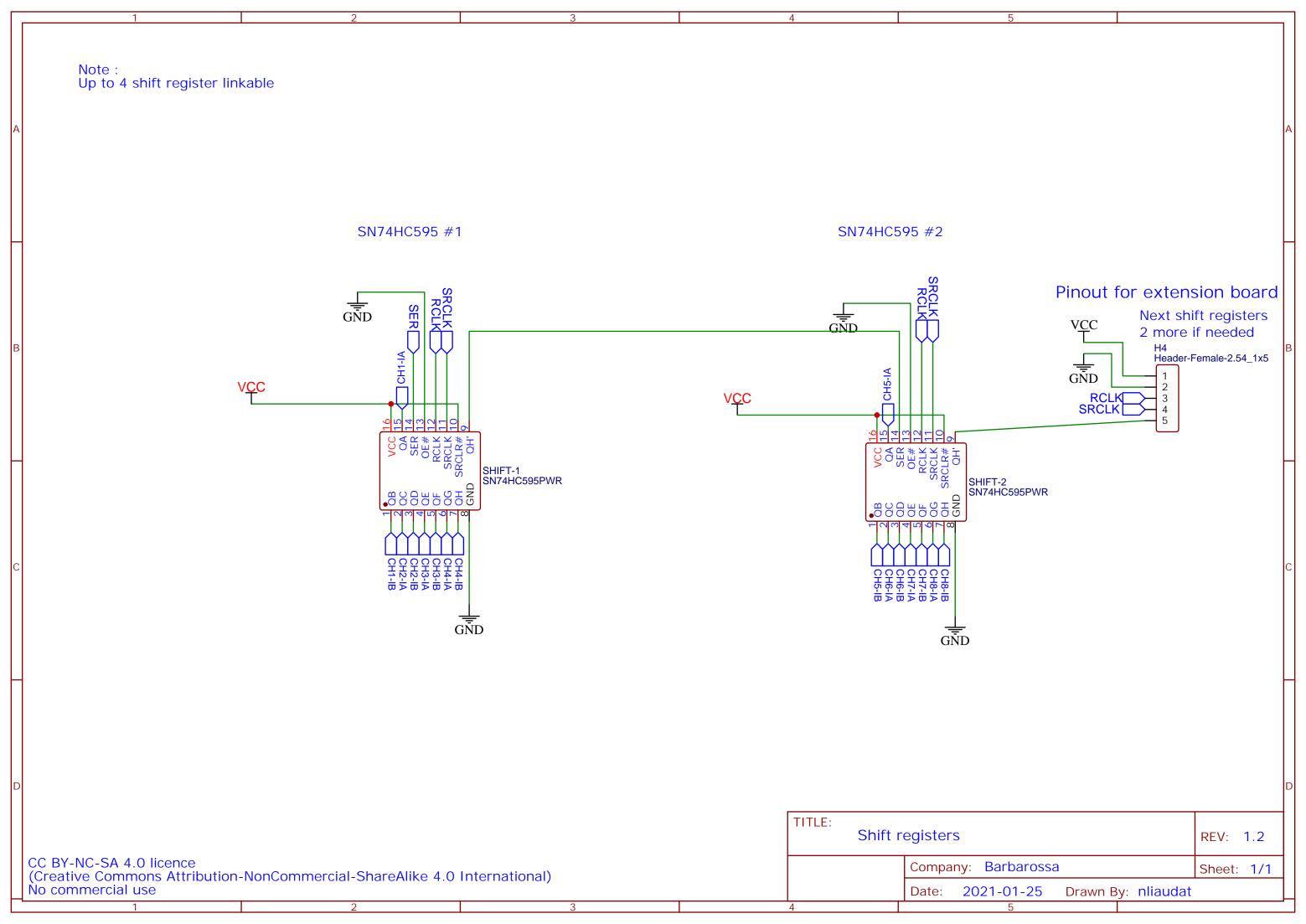


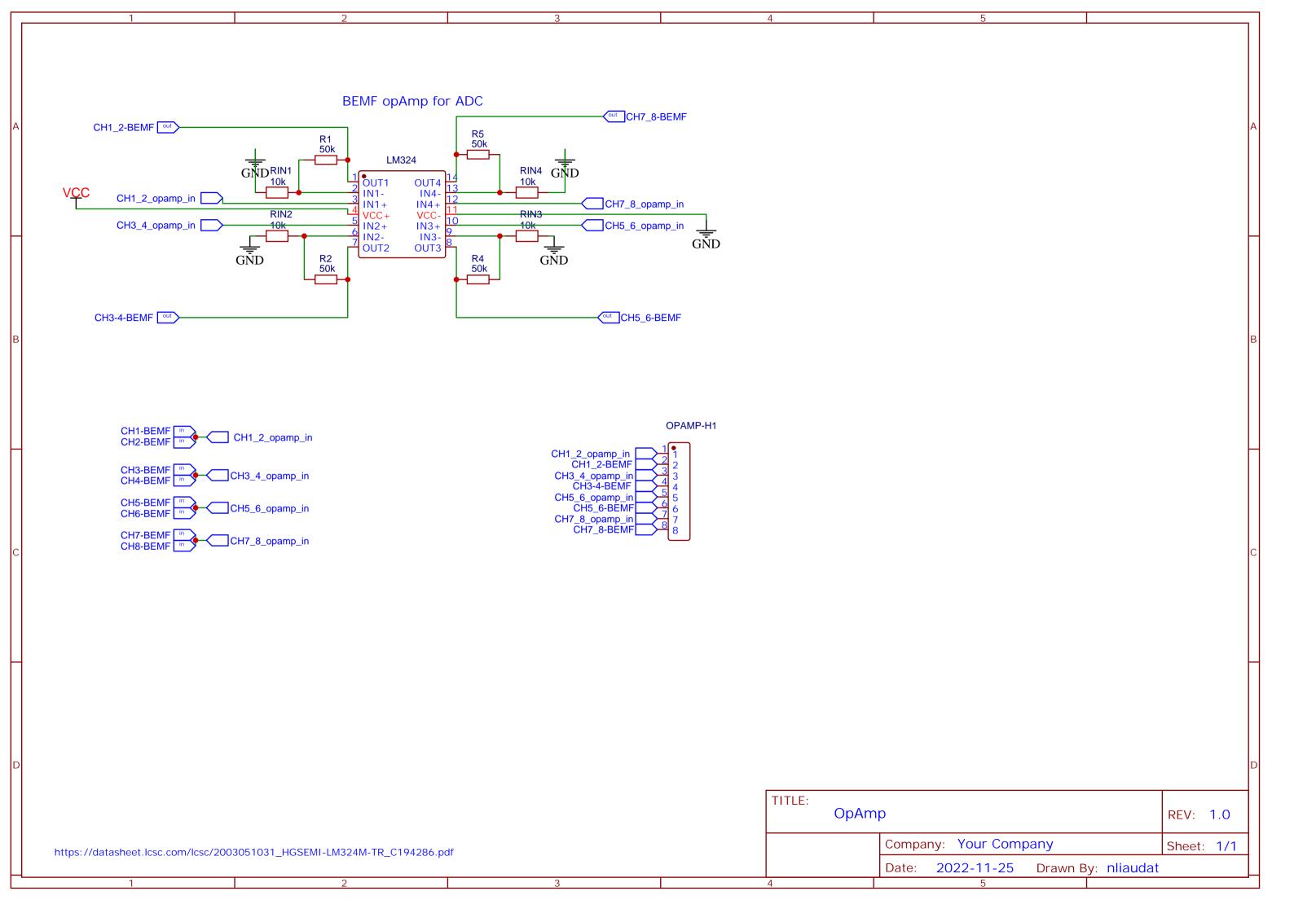
TITLE: Power & coms REV: 1.2

Company: Barbarossa Sheet: 1/1

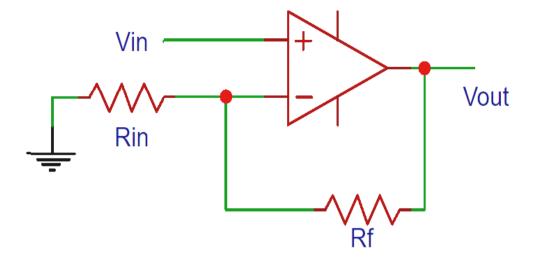
Date: 2021-01-25 Drawn By: nliaudat

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non-Inverting Op-amp



$$Gain = Vout/Vin = 1 + Rf/Rin$$

$$Gain = 1 + Rf/Rin$$

$$6 = 1 + 50K/10K$$

0.50v = > 3v

http://mustcalculate.com/electronics/noninvertingopamp.php?vin=0.01&r1=10000&r2=50000