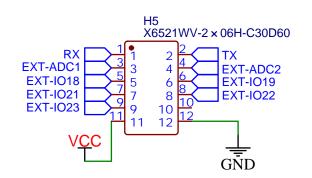


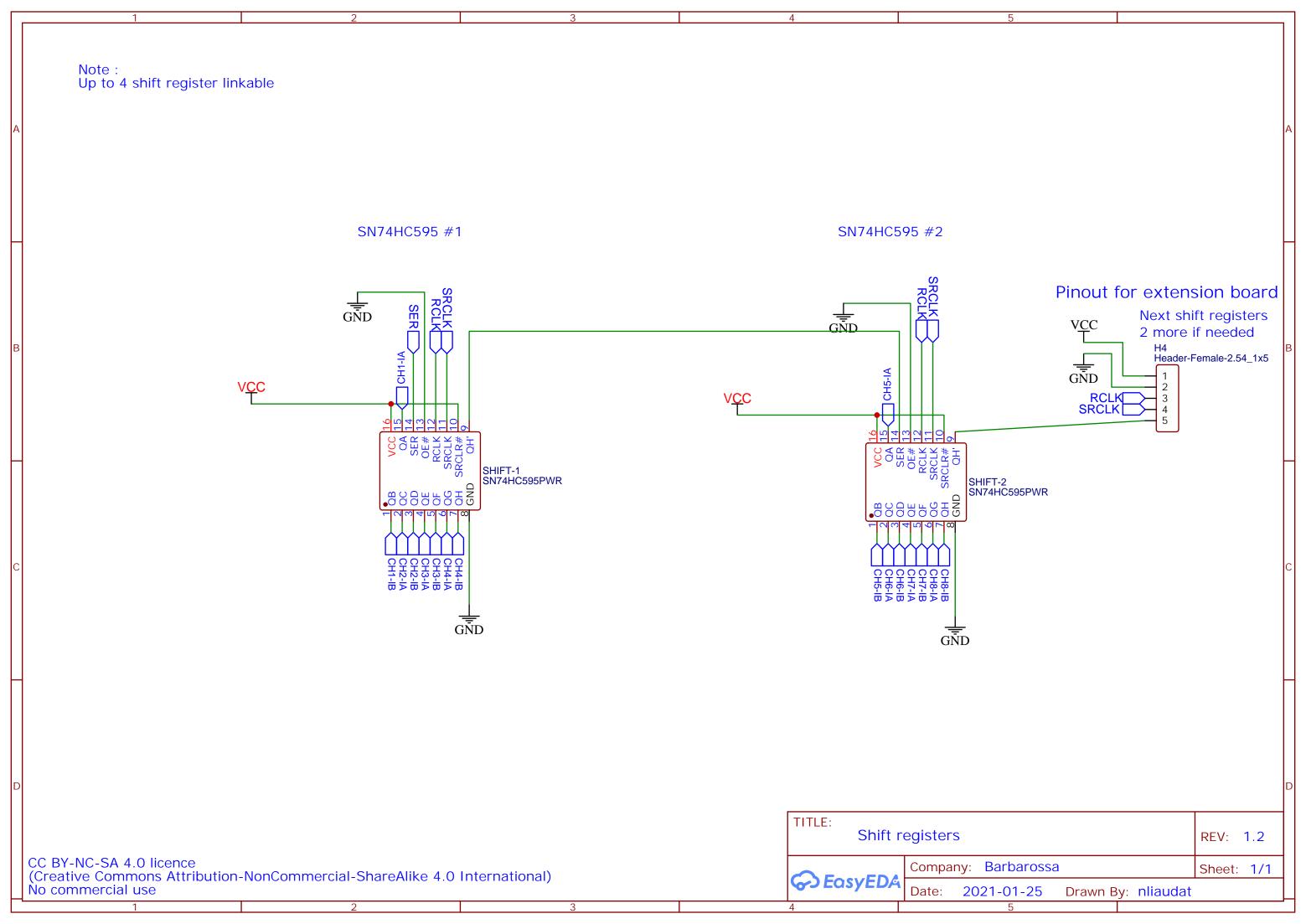
## Extension board 2

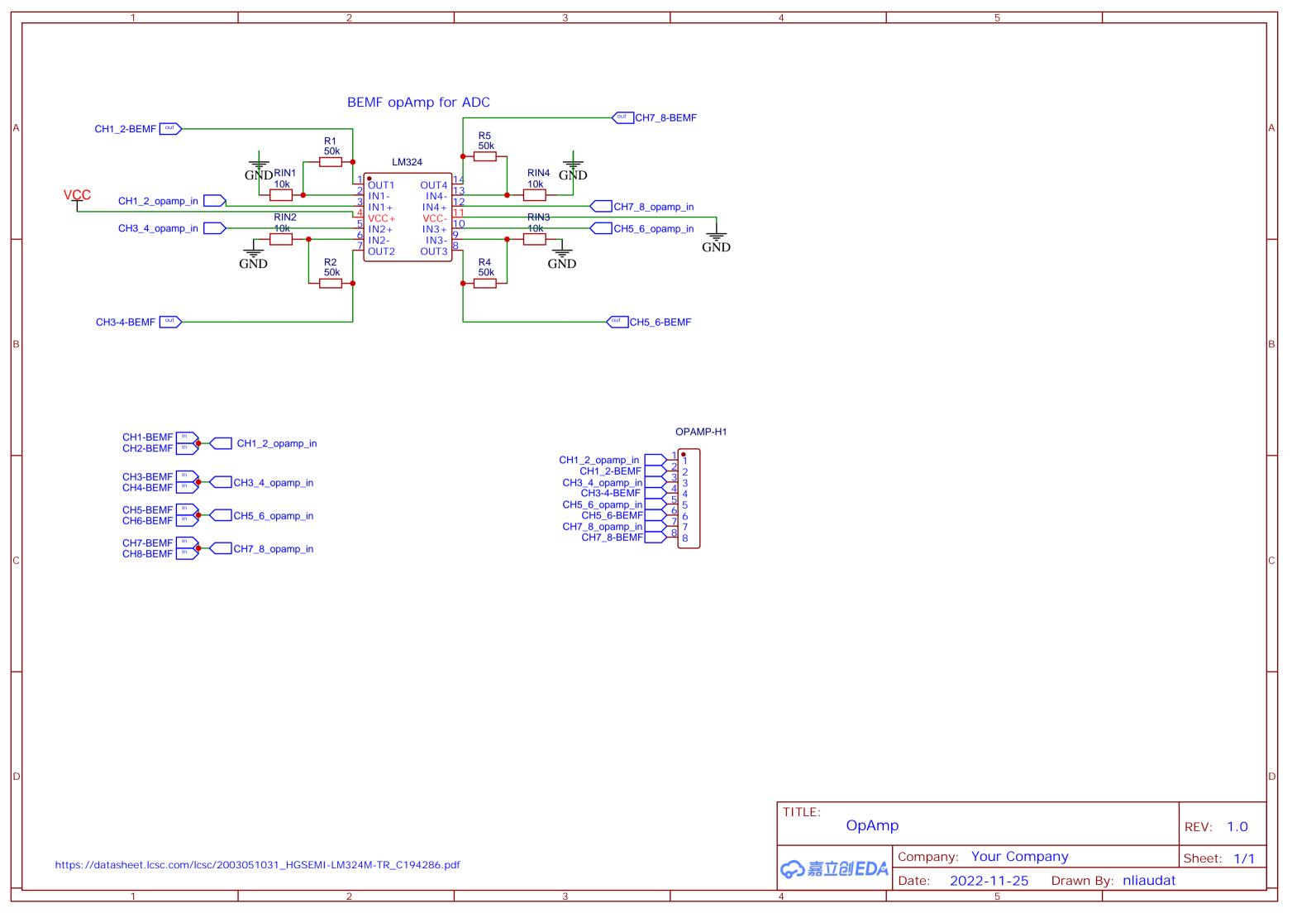


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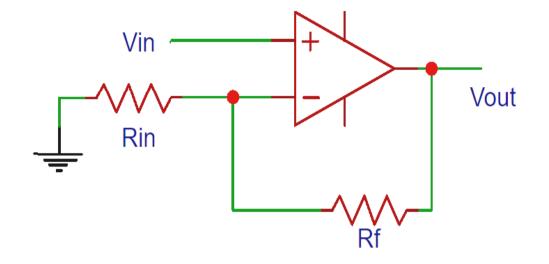
TITLE: Power & coms REV: 1.2 Company: Barbarossa Sheet: 1/1 **EasyEDA** 

Date: Drawn By: nliaudat 2021-01-25





## non-Inverting Op-amp



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

$$Gain = 1 + Rf/Rin$$

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

$$IN => OUT$$

0.01v = >60mv

0.10v = >600mv

0.50v = >3v

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