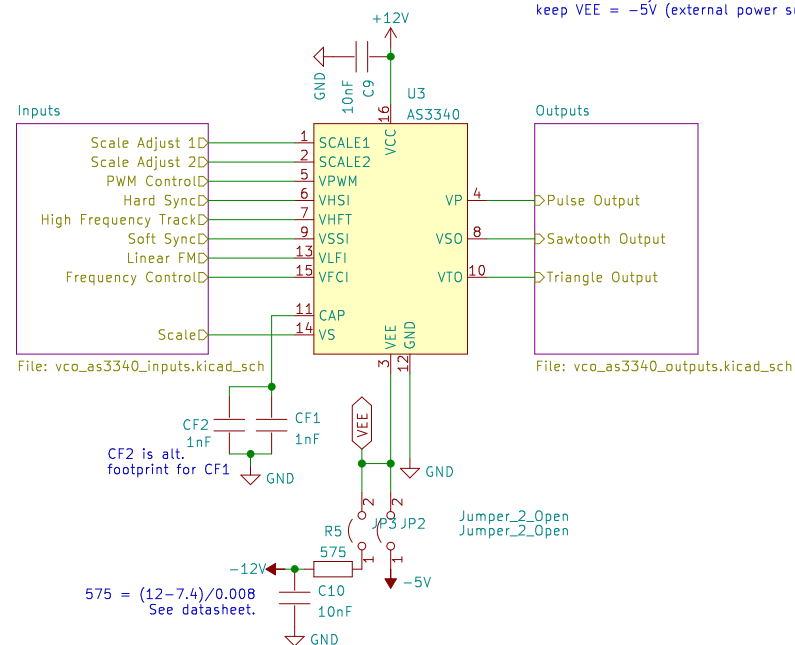


To minimize self-heating and improve thermo-stability it is recommended to keep VEE = -5V (external power supply).



LOG02

BLEED
BLOOB

BLEED
BLOOB

RobotDialogs

Sheet: /
File: vco_as3340_v1.kicad_sch

Title: 3340_VCO

Size: A4 Date: 2022-07-02

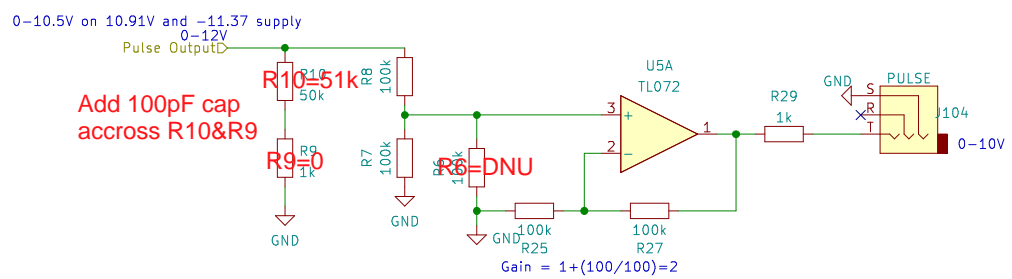
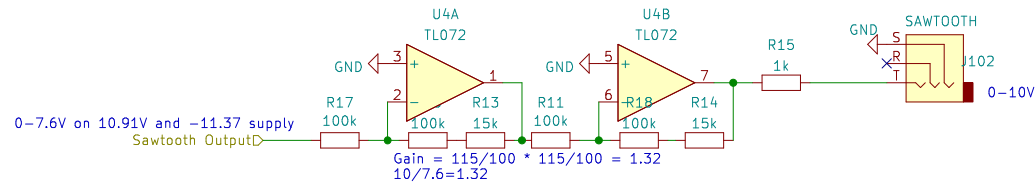
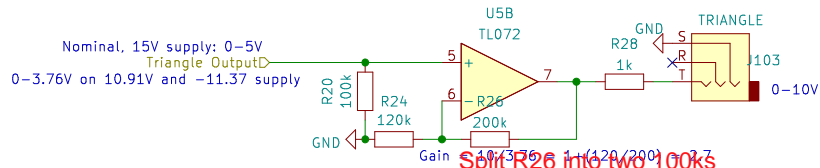
KiCad E.D.A. kicad (6.0.0)

Rev: 1.0

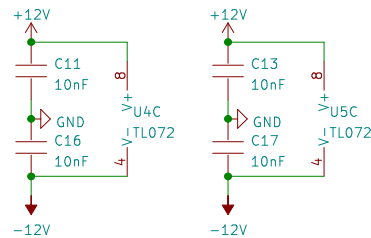
Id: 1/3



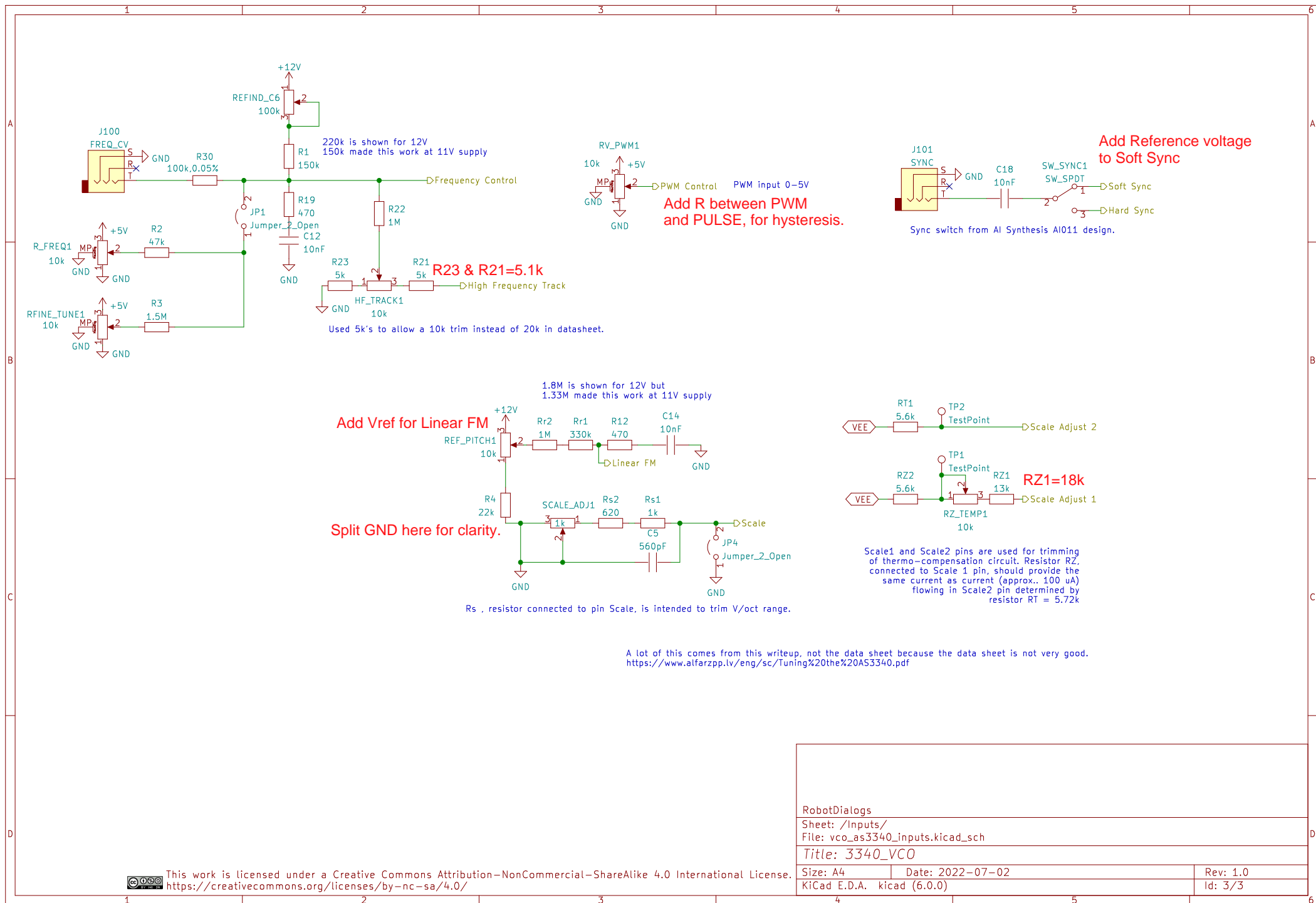
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There's a circuit for VCO vs PWM stability in
https://www.alfarzp.lv/eng/sc/AS3340%20tip%20VCO%20_%20PWM%20.pdf
 But I can't get it to work in simulation, so just a divider and buffer.
<https://tinyurl.com/269d78mt>



RobotDialogs		
Sheet: /Outputs/		
File: vco_as3340_outputs.kicad_sch		
Title: 3340_VCO		
Size: A4	Date: 2022-07-02	Rev: 1.0
KiCad E.D.A. kicad (6.0.0)	Id: 2/3	



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RobotDialogs

Sheet: /Inputs/

File: vco_as3340_inputs.kicad_sch

Title: 3340_VCO

Size: A4

Date: 2022-07-02

Rev: 1.0

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Id: 3/3