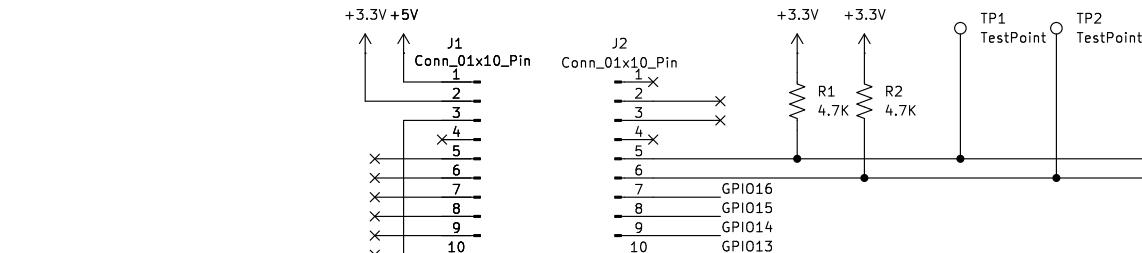


## OLIMEX CONN

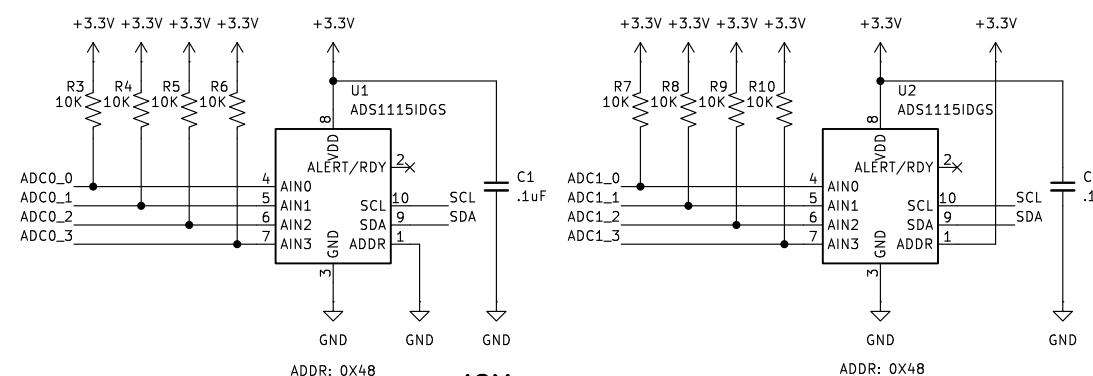
\* GPIO0, GPIO1 – are used during programming, after that they are free  
 \* GPIO35 is free to use but may be connected to measure battery voltage with SENS\_BAT\_I1 jumper  
 \*\* GPIO39 – is connected to measure external power supply voltage  
 \*\* GPIO34 is connected to button and has a 10K pullup

\* = can fuck with  
 \*\* = let's not fuck with

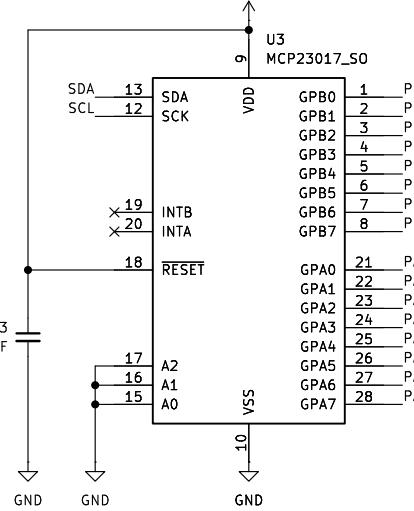


# HOME SECURITY BREAKOUT

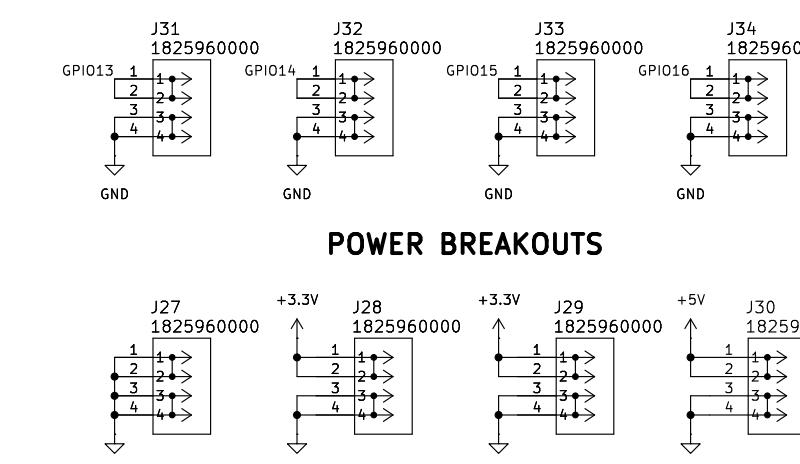
## ADCs



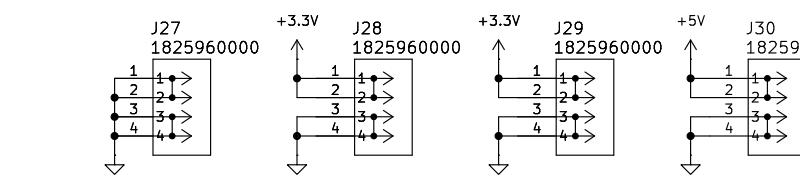
## IOX



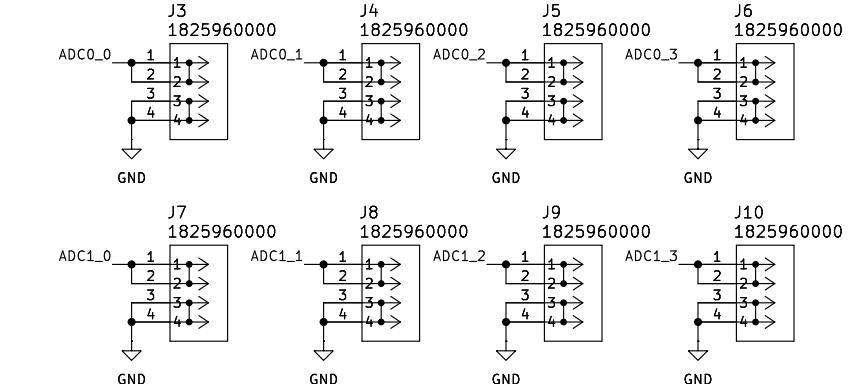
## GPIOs



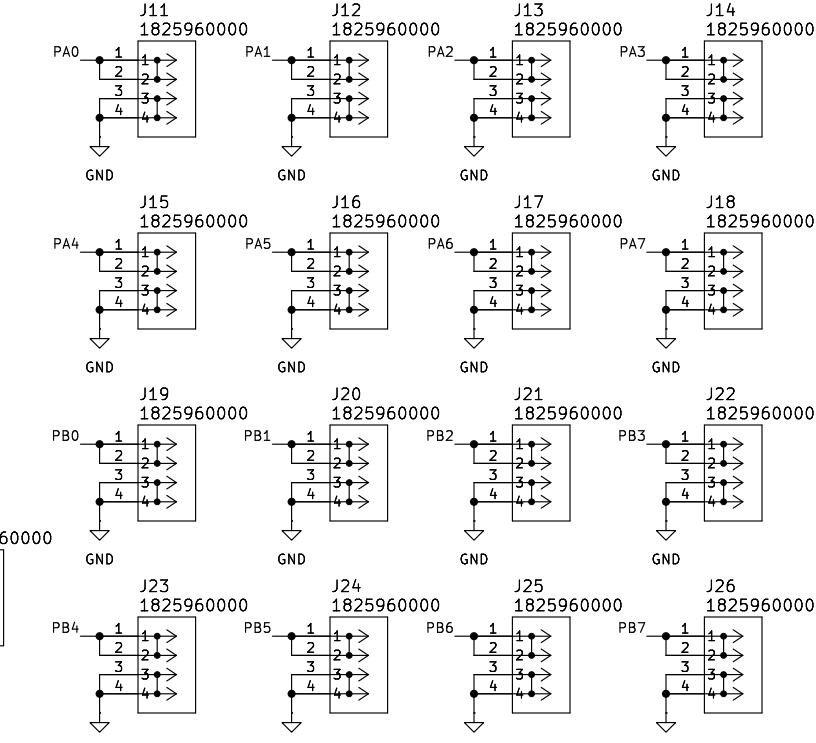
## POWER BREAKOUTS



## ADC BREAKOUTS



## IOX BREAKOUTS



Analog Bellwick

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File: Home Security PWA.kicad\_sch

Title: Home Security PWA

Size: B Date: 2026-02-07  
KiCad E.D.A. 9.0.7

Rev: A  
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