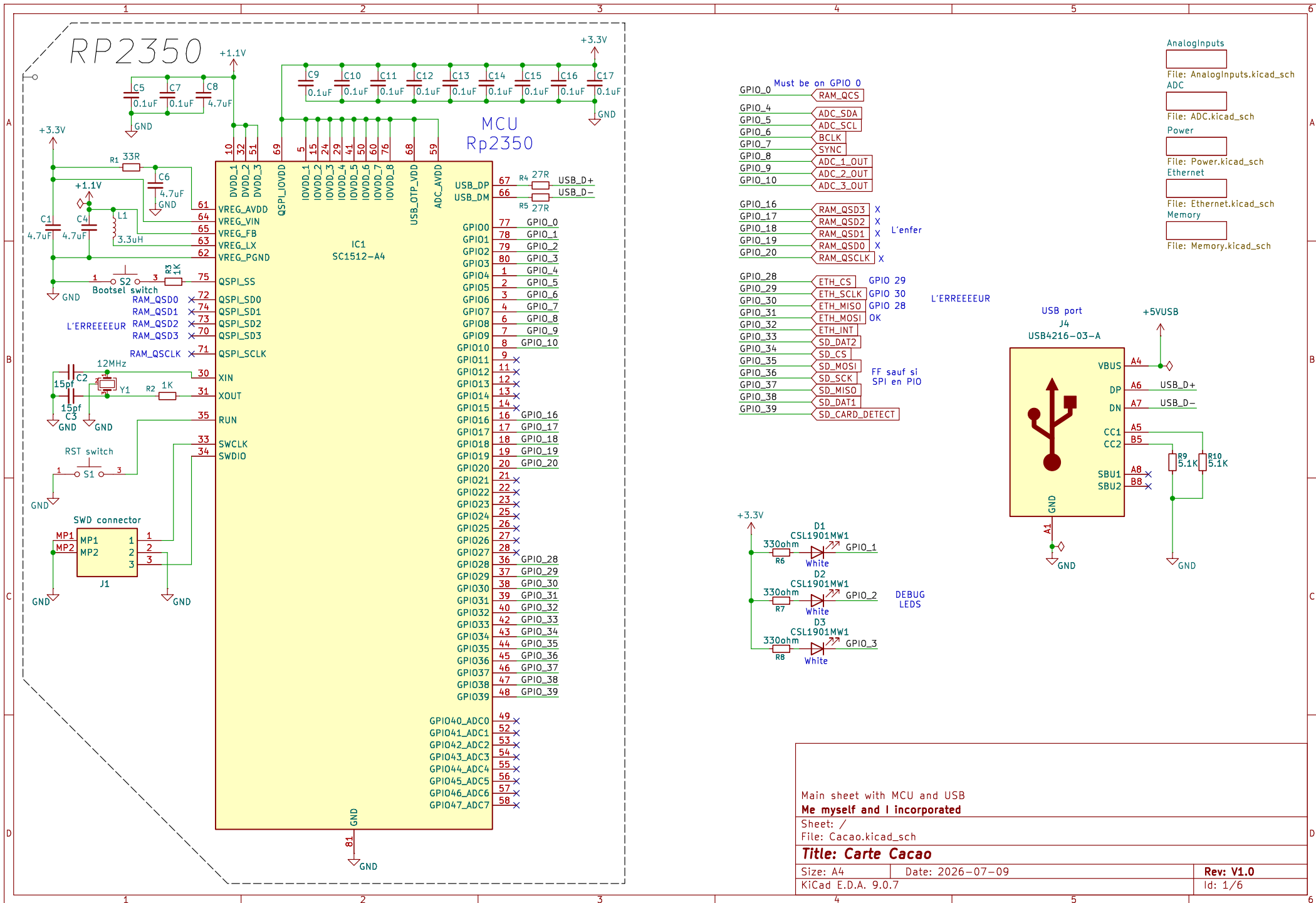
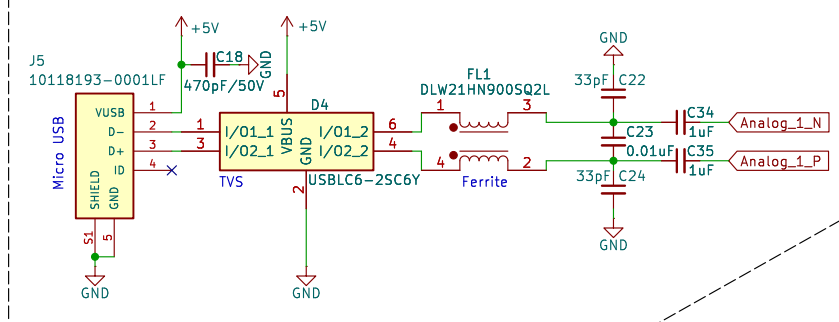


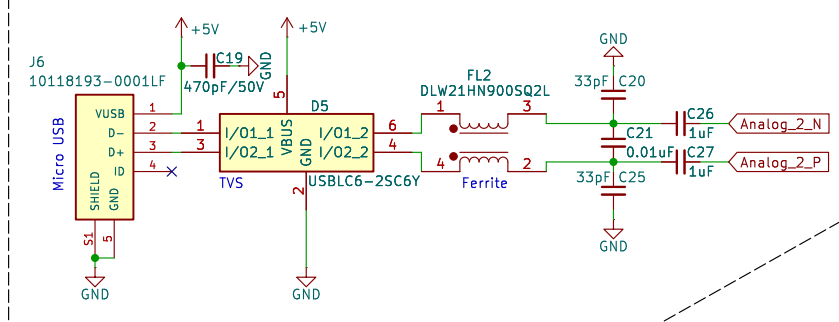


ADC 1 channels

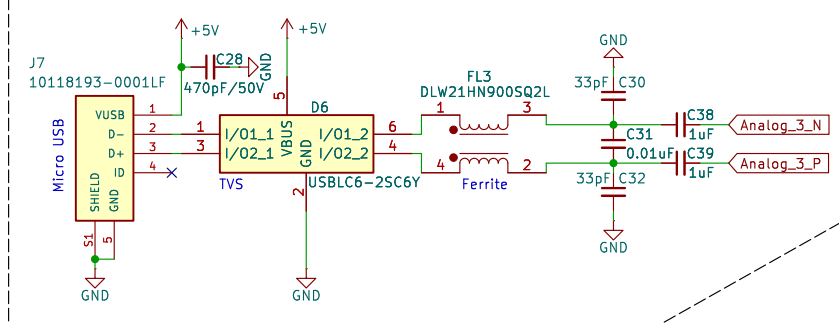
Channel 1



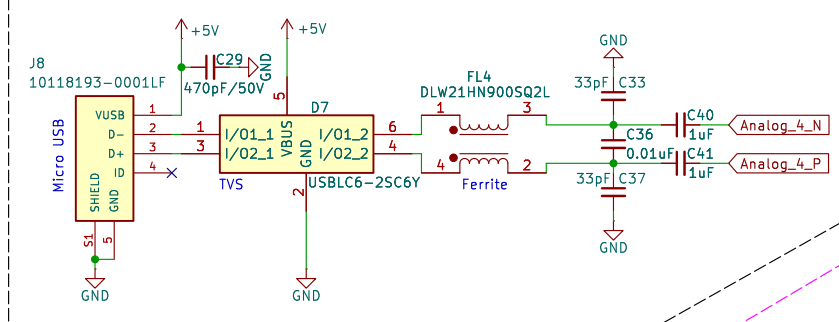
Channel 2



Channel 3

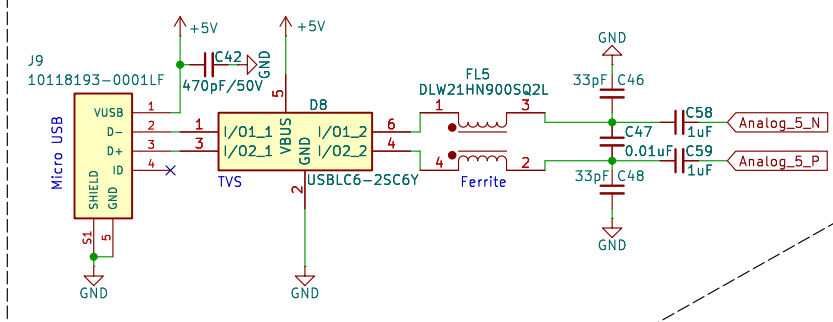


Channel 4

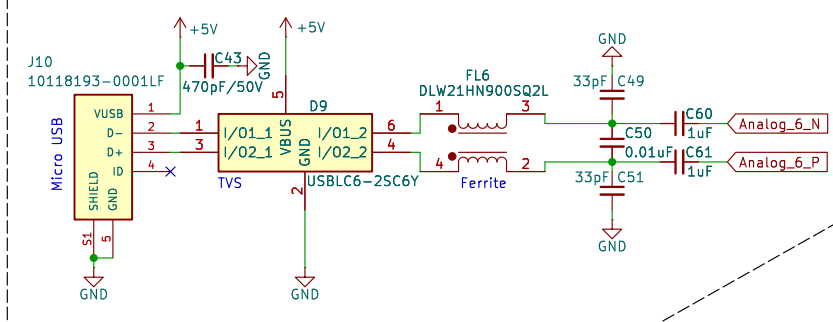


ADC 2 channels

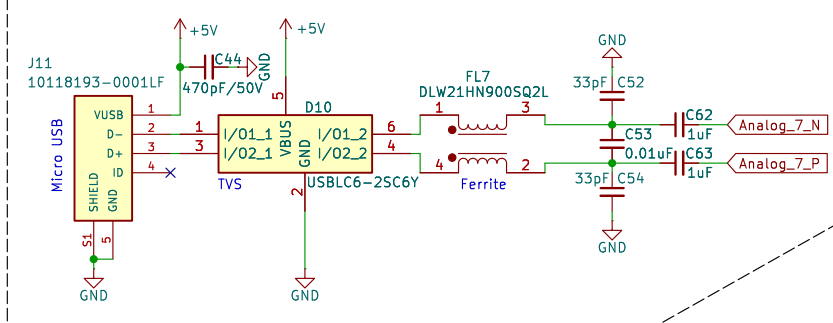
Channel 5



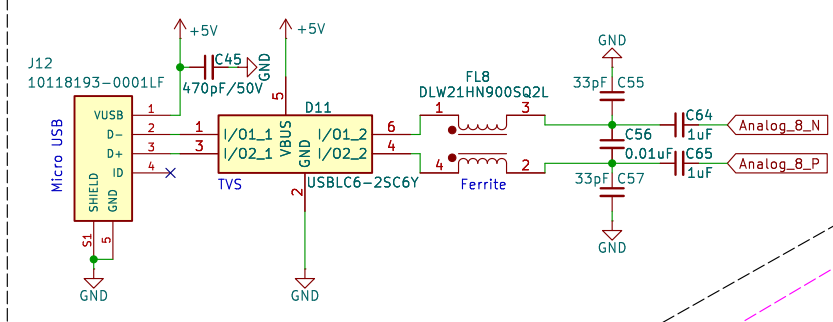
Channel 6



Channel 7

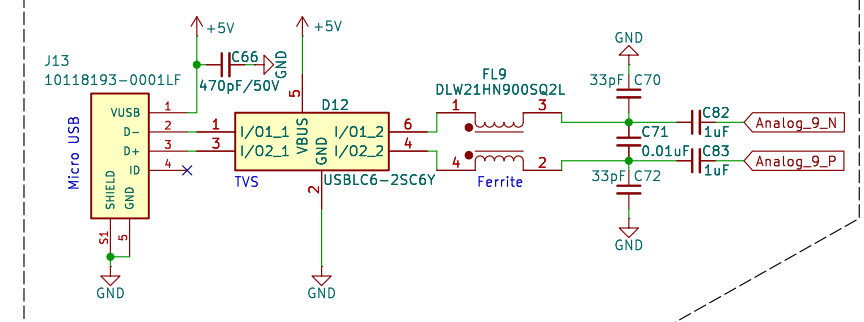


Channel 8

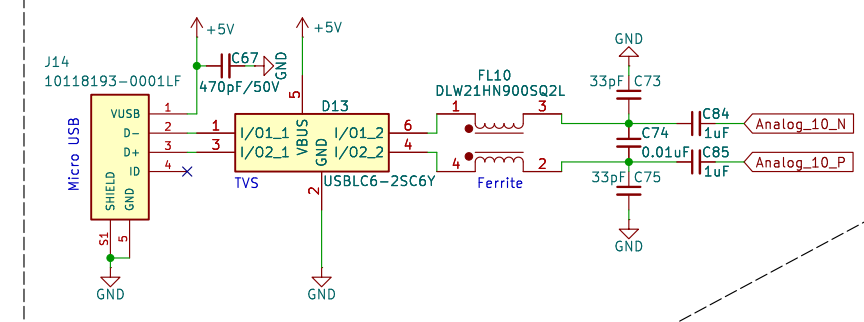


ADC 3 channels

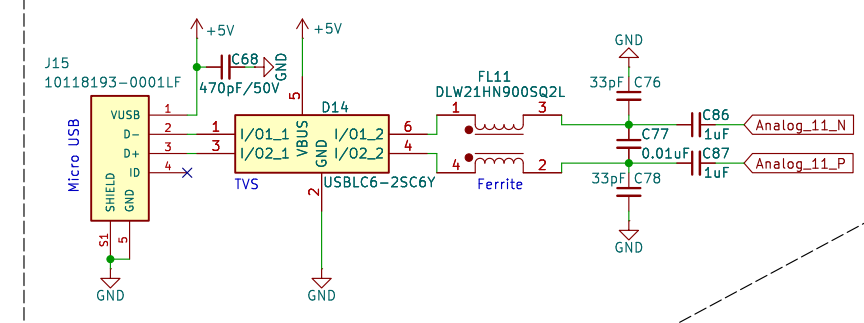
Channel 9



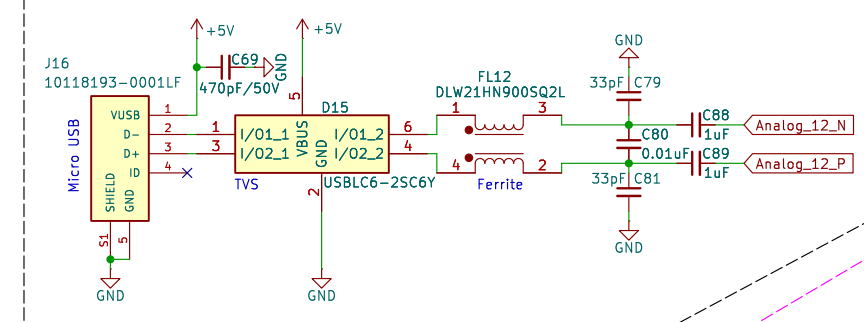
Channel 10



Channel 11



Channel 12



Analog inputs

All 12 analog input channels

Me myself and I incorporated

Sheet: /AnalogInputs/

File: AnalogInputs.kicad_sch

Title: Carte Cacao

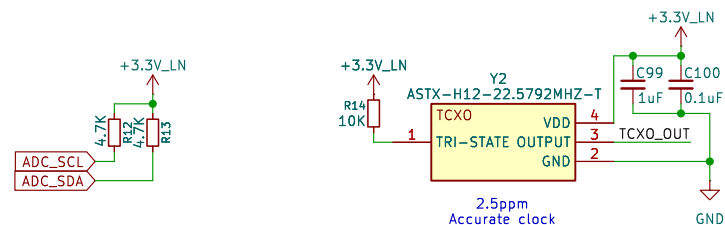
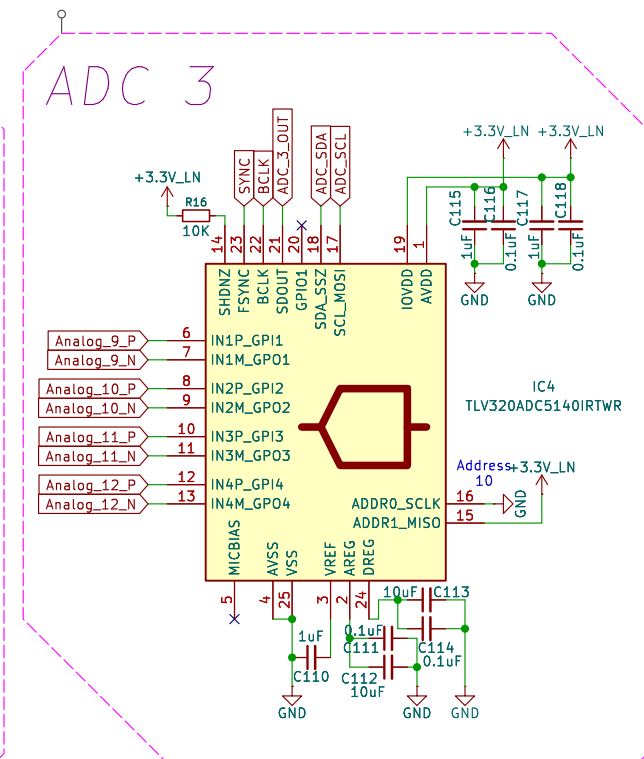
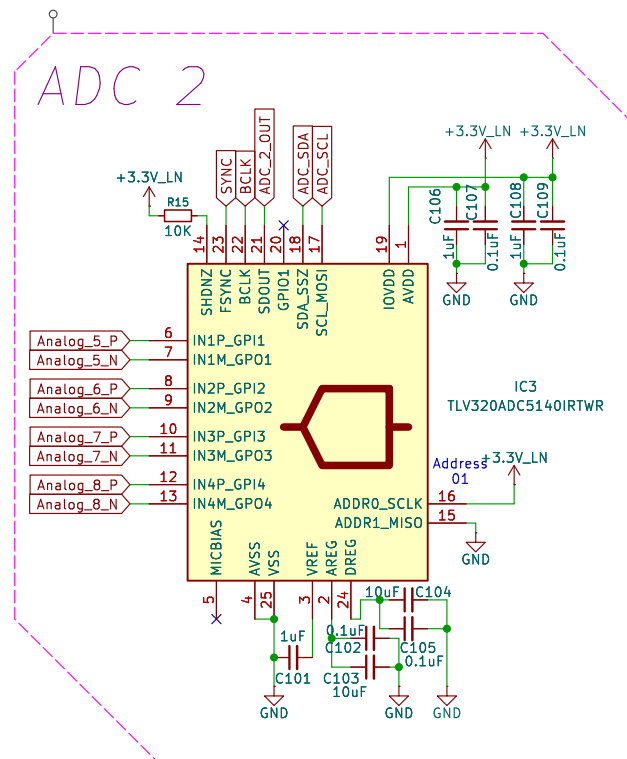
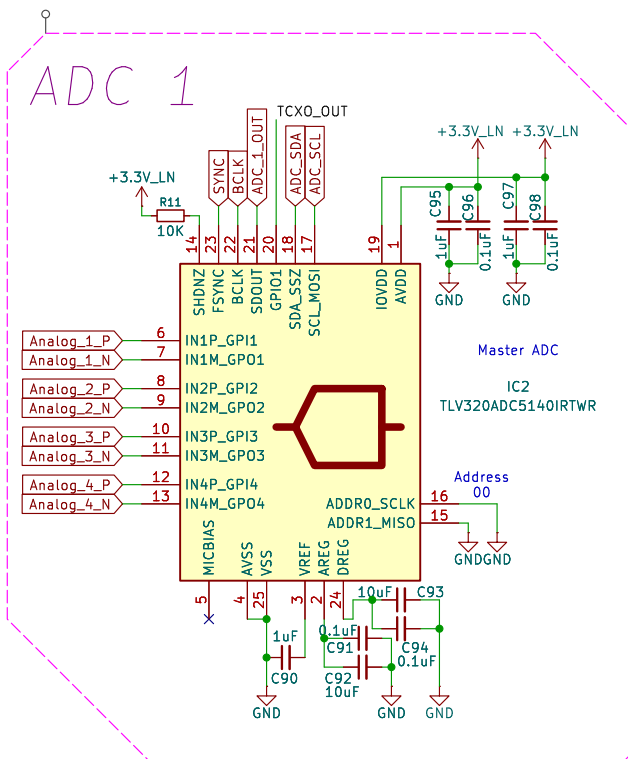
Size: A3

Date: 2026-07-09

Rev: V1.0

KiCad E.D.A. 9.0.7

Id: 2/6



The 3 ADC's that will digitize the signals

Me myself and I incorporated

Sheet: /ADC/

File: ADC.kicad_sch

Title: Carte Cacao

Size: A4

Date: 2026-07-09

KiCad E.D.A. 9.0.7

Rev: V1.0

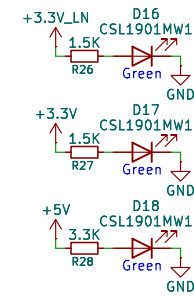
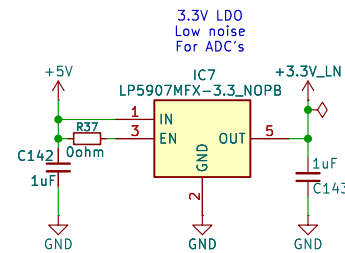
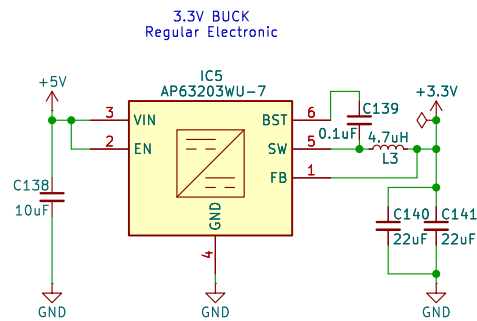
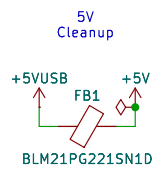
Id: 3/6

W5500



Id: 4/6

POWER



All the power bucks boost Idos and power filtering
Me myself and I incorporated

Sheet: /Power/
File: Power.kicad_sch

Title: Carte Cacao

Size: A4 Date: 2026-07-09

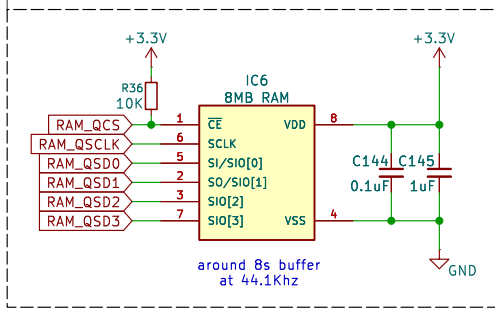
KiCad E.D.A. 9.0.7

Rev: V1.0

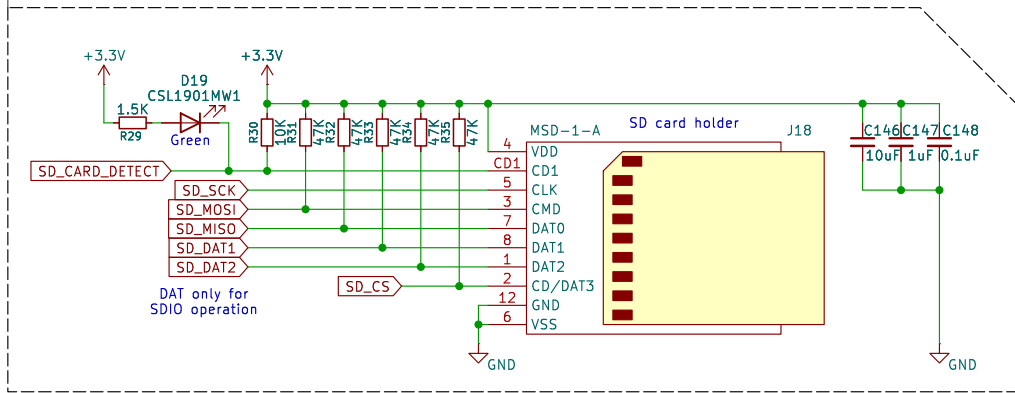
Id: 5/6

MEMORY

RAM



SD_CARD



Memory buffers
Me myself and I incorporated

Sheet: /Memory/
File: Memory.kicad_sch

Title: Carte Cacao

Size: A4
KiCad E.D.A. 9.0.7

Date: 2026-07-09

Rev: V1.0

Id: 6/6