

RTAP

Sheet: /  
File: alimentacion.kicad\_sch

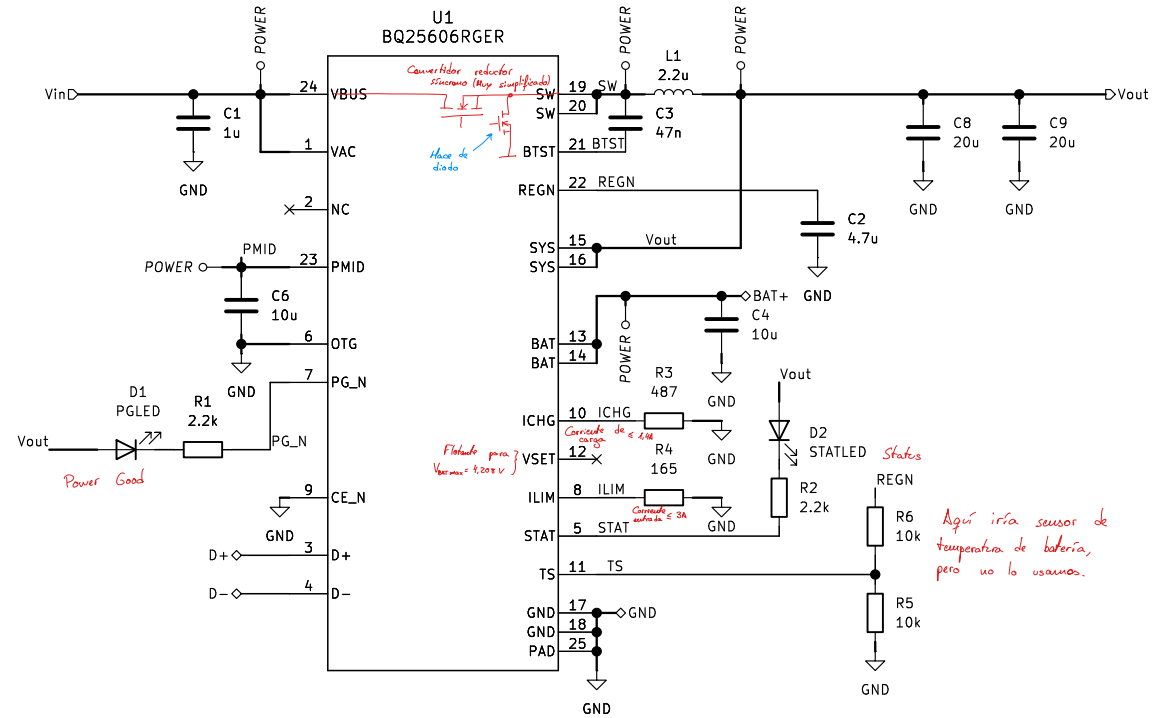
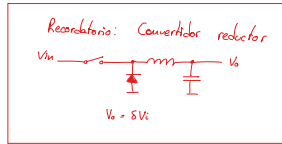
**Title: RTAP – Gestor de batería**

Size: A4 Date: 2024-03-27

KiCad E.D.A. 8.0.1

**Rev: v0.1.0**

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# RTAP

Sheet: /Cargador/  
File: cargador.kicad\_sch

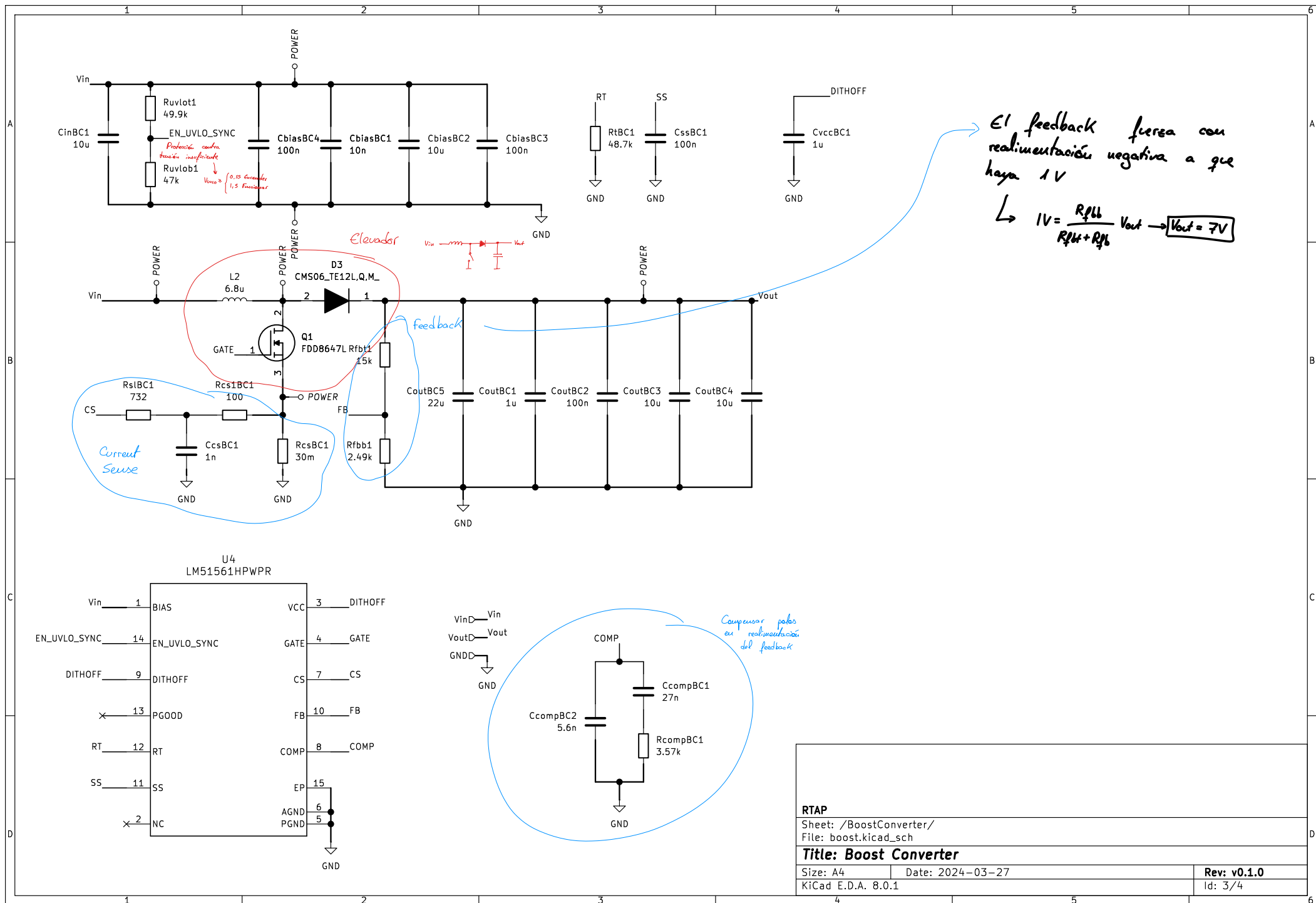
## Title: RTAP – Cargador

Size: A4  
KiCad E.D.A. 8.0.1

Date: 2024-03-27

Rev: v0.1.0

Id: 2/4



RTAP

Sheet: /BoostConverter/  
File: boost.kicad\_sch

**Title: Boost Converter**

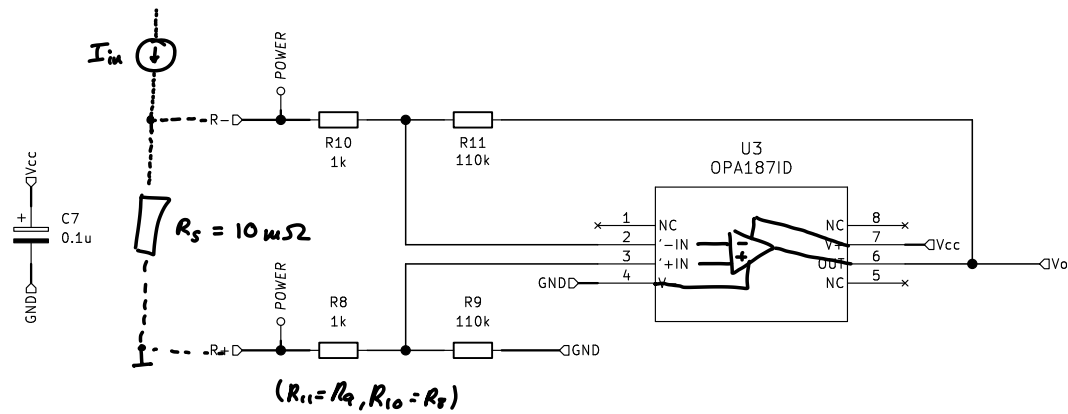
Size: A4

Date: 2024-03-27

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Id: 3/4



$$V_O = \frac{R_9}{R_8} (V_{R+} - V_{R-}) = \frac{R_9 \cdot R_S}{R_8} \cdot I_{in} = \frac{110k \cdot 10m}{1k} \cdot I_{in} = 1,1 I_{in}$$

$$[0,3] A \rightarrow [0, 3'3] V$$

RTAP

Sheet: /MedidorConsumo/  
File: consumo.kicad\_sch

**Title: Medidor de consumo**

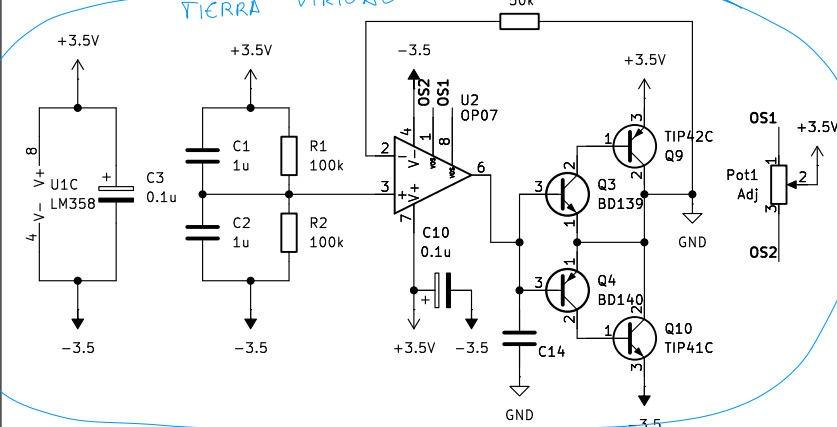
Size: A4 Date: 2024-03-27

KiCad E.D.A. 8.0.1

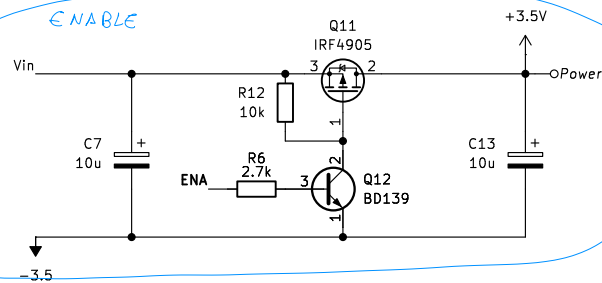
**Rev: v0.1.0**

Id: 4/4

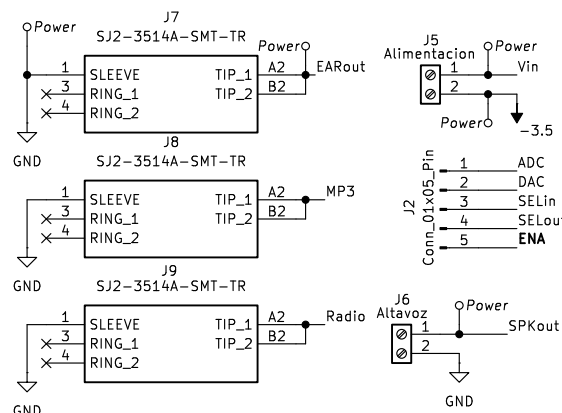
# Alimentación



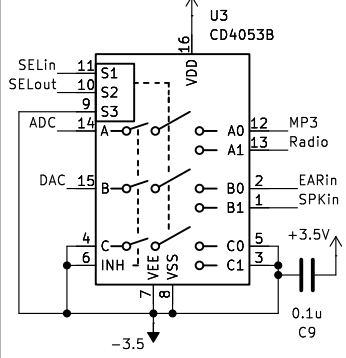
# ENABLE



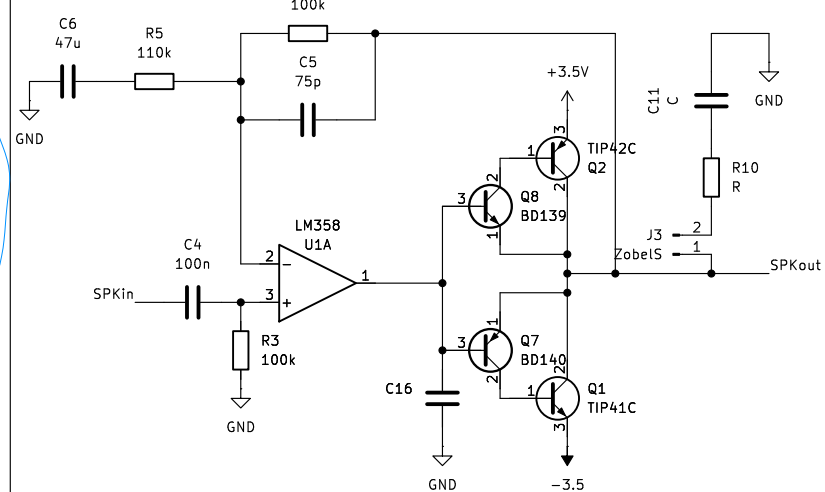
# Conectores



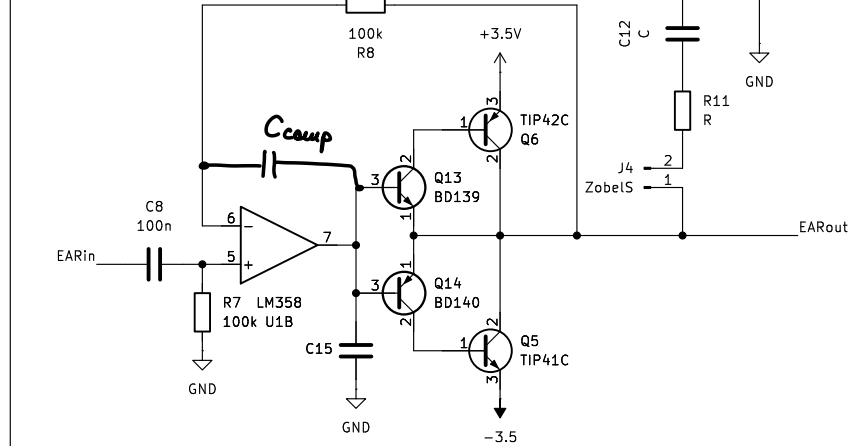
# Multiplexor



# Altavoz



# Cascos



# RTAP

Sheet: /  
File: ampAudio.kicad\_sch

# Title: Amplificador de Audio

Size: A4  
KiCad E.D.A. 8.0.1

Date: 2024-04-08

Rev: v1.0

Id: 1/1