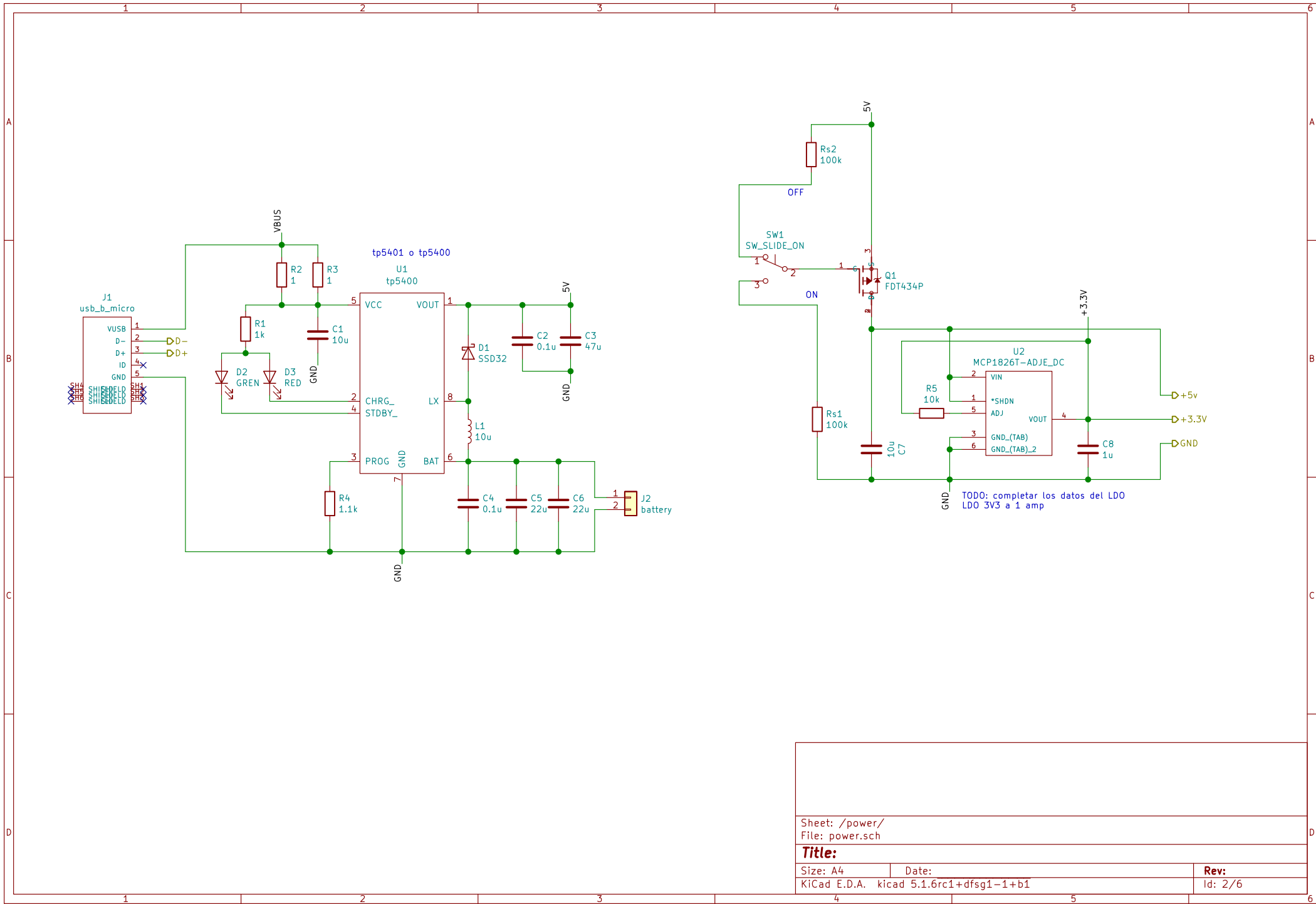


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Size: A4	Date:	Rev:
KiCad E.D.A. kicad 5.1.6rc1+dfsg1-1+b1		Id: 1/6



Sheet: /power/
File: power.sch

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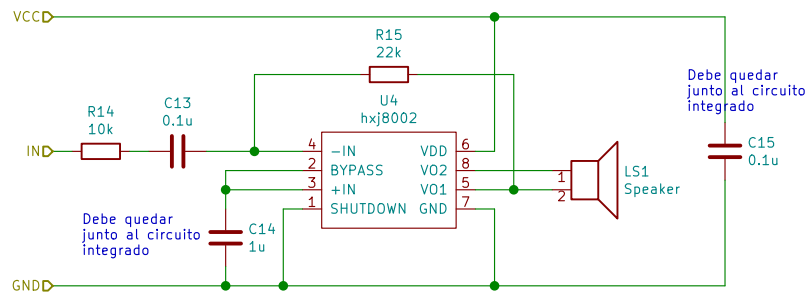
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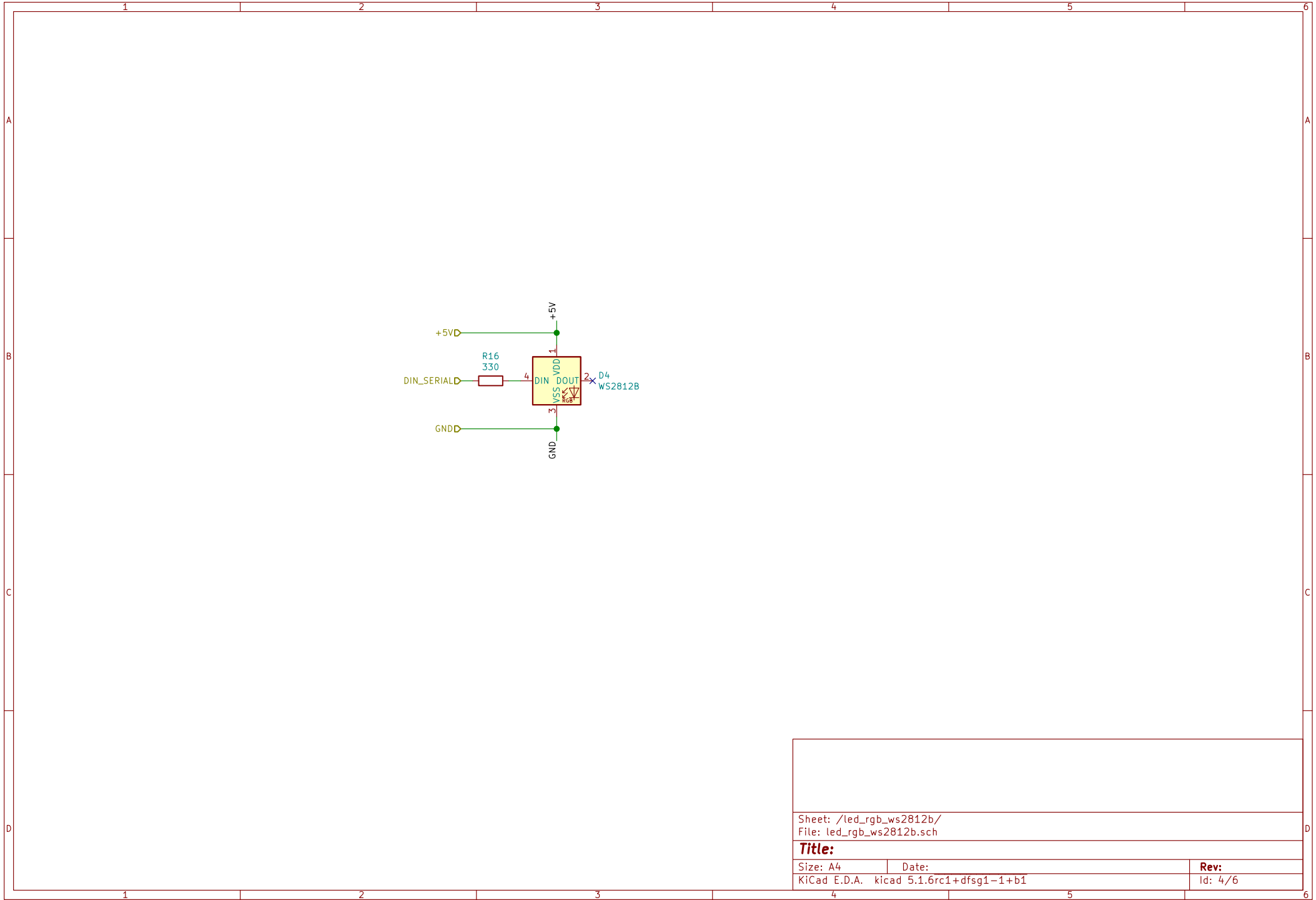
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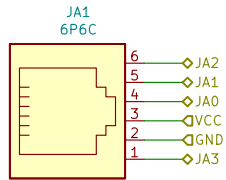


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File: audio.sch

Title:

Size: A4 Date: Rev:
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SPI

J2 → SCLK
J1 → MISO
J0 → MOSI
VCC
GND
J3 → CS

I2C

J2 → X
J1 → SDA
J0 → SCL
VCC
GND
J3 → X

UART

J2 → X
J1 → RX
J0 → TX
VCC
GND
J3 → X

ADC

J2 → A1
J1 → D0
J0 → A0
VCC
GND
J3 → D1

PWM

J2 → PWM2
J1 → PWM1
J0 → PWM0
VCC
GND
J3 → PWM3

BRIDGE

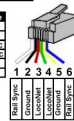
J2 → M2A
J1 → M1B
J0 → M1A
VCC
GND
J3 → M2B

PWM ^ SPI ^ BRIDGE
pueden ir todos en el mismo
puerto para un esp8266

Digitrax Wiring Standards

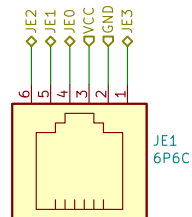
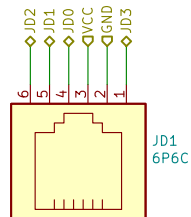
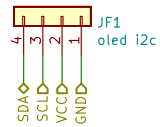
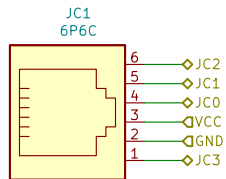
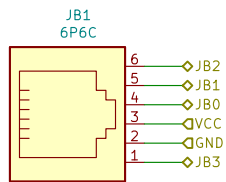
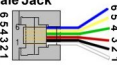
Pin No.	Colour	Function	Voltage
1	White	Rail Sync-B	7 vdc
2	Black	Ground	-
3	Red	LocoNet	14.5 vdc
4	Green	LocoNet	14.5 vdc
5	Yellow	Ground	-
6	Blue	Rail Sync-A	7 vdc

All components are RJ12 6-wire.
Do not use RJ11 4-wires.



Male Plug

Female Jack



Sheet: /gpio-luna-mini-interface/
File: gpio-luna-mini-interface.sch

Title:

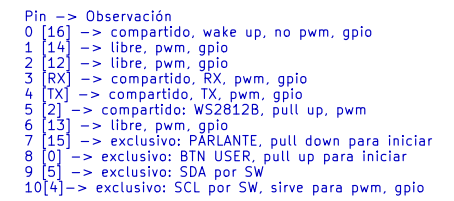
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Rev:

Id: 5/6



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