

DIODE DROP DESIGNS

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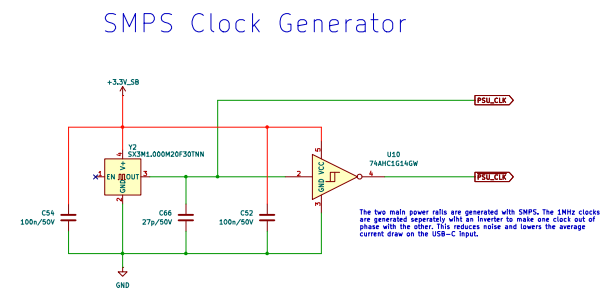
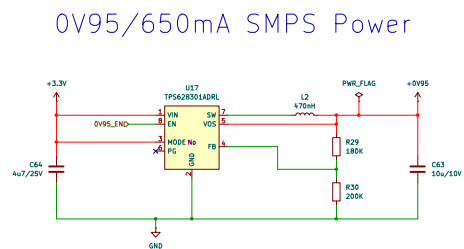
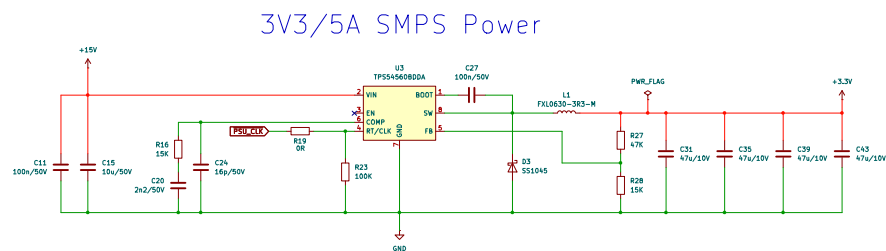
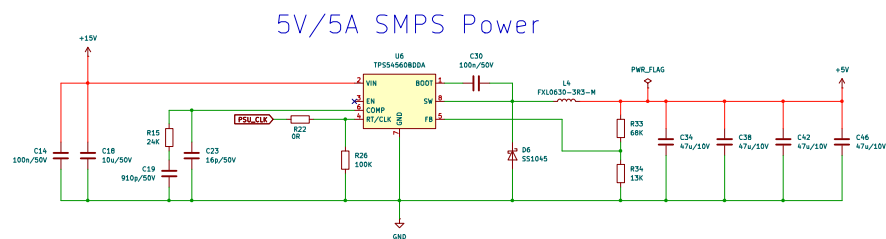
Title: **LattePanda Mu Console**

Rev: V1.0

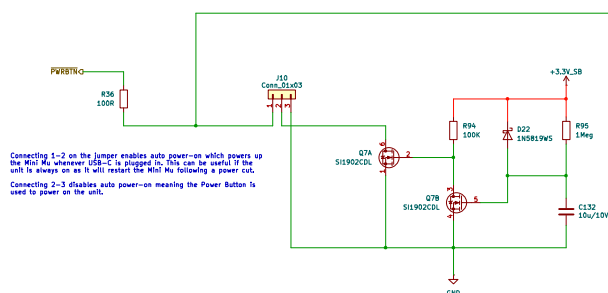
Size: A2

Date: 2025-07-30

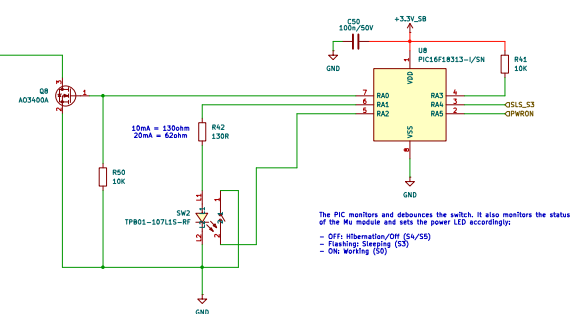
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Auto Power-On Option



Power Button & Heartbeat LED



DIODE DROP DESIGNS

Sheet: /Buttons/
File: Buttons.kicad_sch

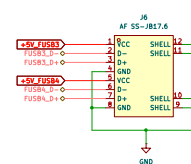
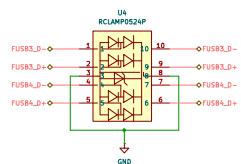
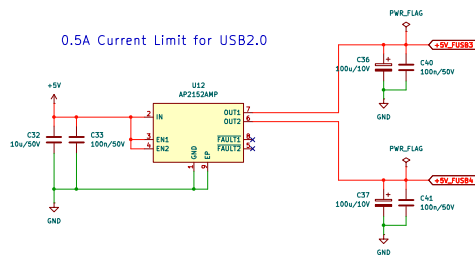
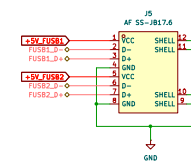
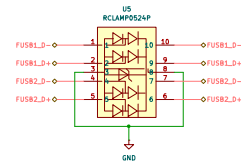
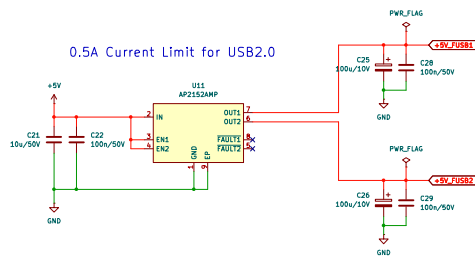
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Sheet: /Front USB/
File: Front_USB.kicad_sch

Title: LattePanda Mu Console

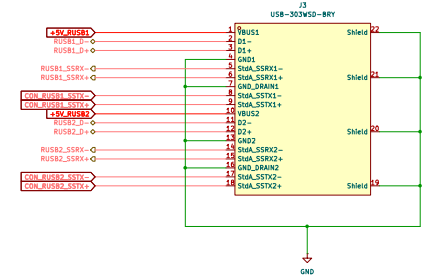
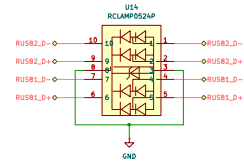
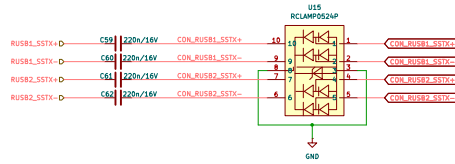
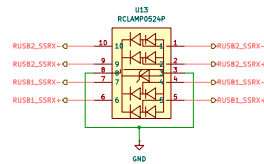
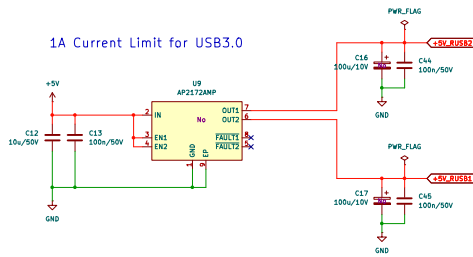
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1A Current Limit for USB3.0



DIODE DROP DESIGNS

Sheet: /Rear USB/
File: Rear_USB.kicad_sch

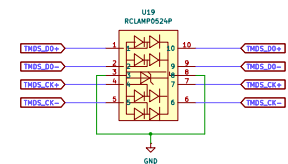
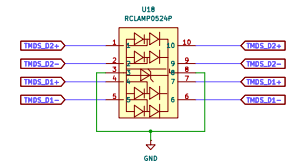
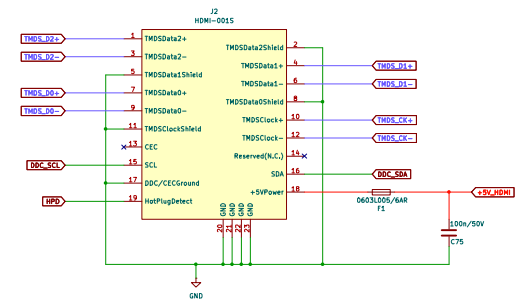
Title: LattePanda Mu Console

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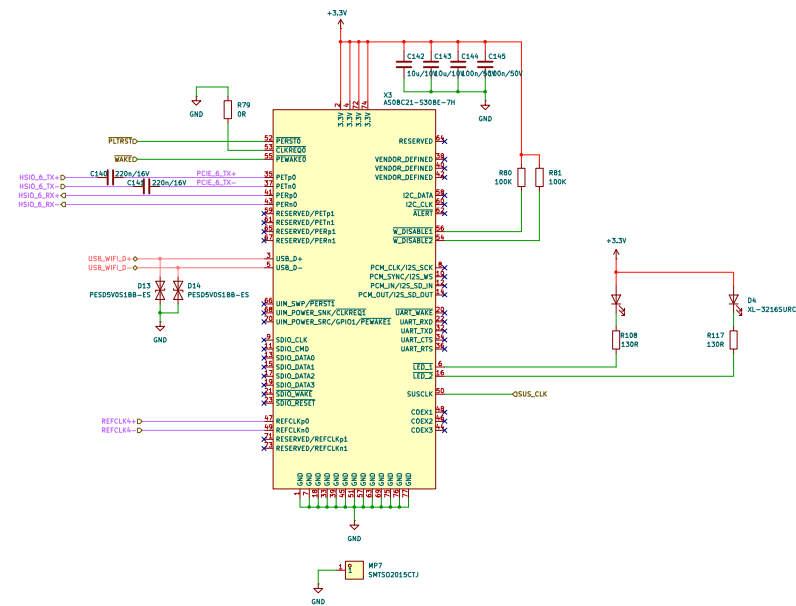
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DIODE DROP DESIGNS

Sheet: /M.2 Wifi/
File: M2_Wifi.kicad_sch

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The schematic diagram illustrates the power supply section of the AD9232 evaluation board. A +5V input is connected to a network of capacitors (C147, C148, C149), resistors (R85, R86, R87, R88), and diodes (D15, D16). The output is a 5V signal connected to the CPU_FAN_TACHO and CPU_FAN_PWM pins. A MOSFET (Q13) is shown switching the power to the fan.

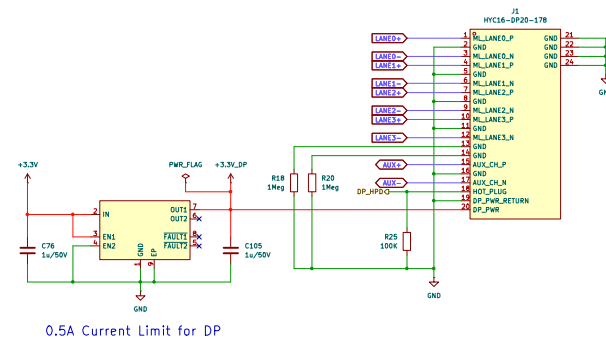
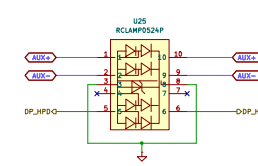
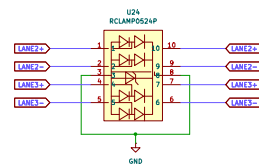
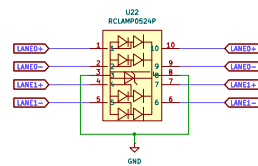
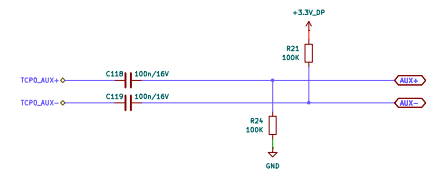
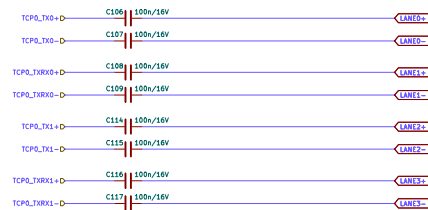


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File: Fan_Temp.kicad_sch

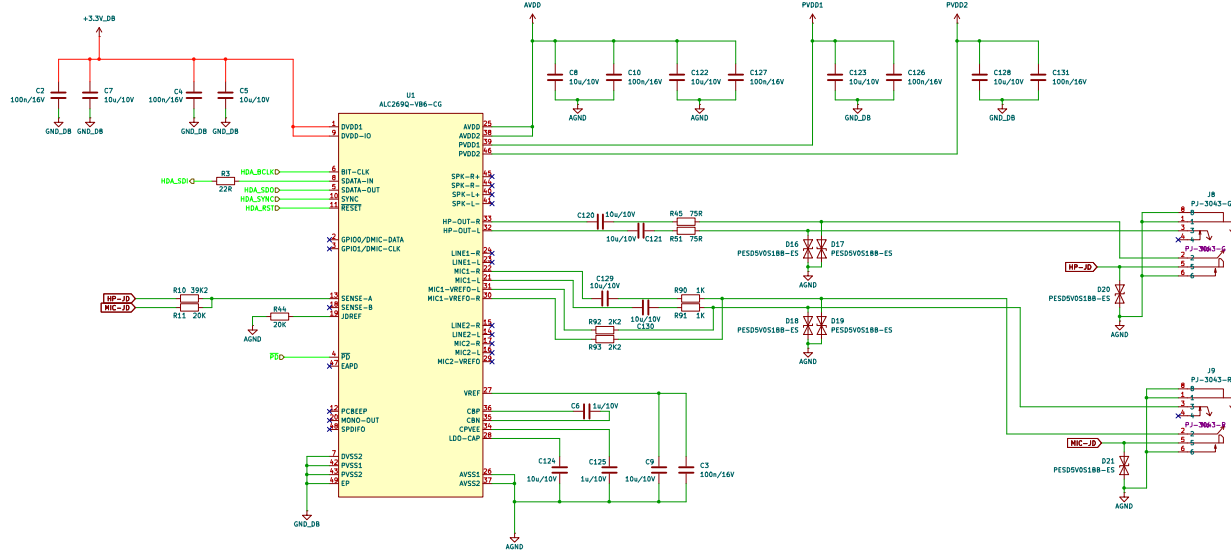
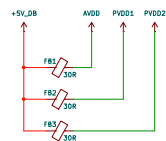
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0.5A Current Limit for DP



Green 3.5mm Jack for Headphone Out

Pink 3.5mm Jack for Microphone In



DIODE DROP DESIGNS

Sheet: /HD Audio/
File: HD_Audio.kicad_sch

Title: LattePanda Mu Console

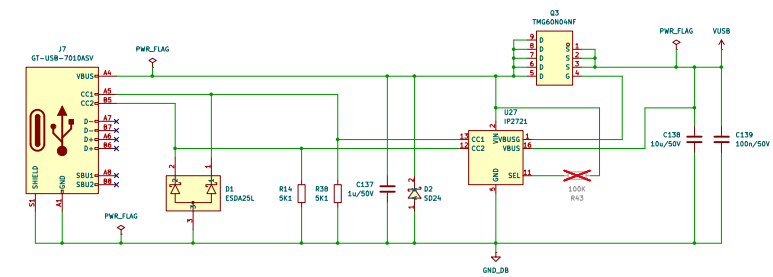
Rev: V1.0

Size: A2

Date: 2025-07-30

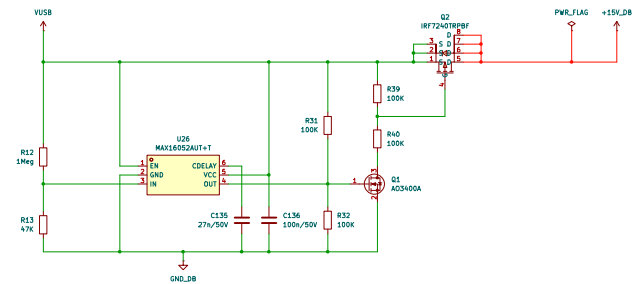
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USB-C Power Negotiation Circuit (15V)



USB-C Undervoltage Lockout (<11V)

Disables power to the Mu Module if the USB power source is unable to supply 12V or more. This may be the case if a USB-A to USB-C cable is inadvertently used.



DIODE DROP DESIGNS

Sheet: /Power Input/
File: Power_Input.kicad_sch

Title: LattePanda Mu Console

Rev: V1.0

Size: A2

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