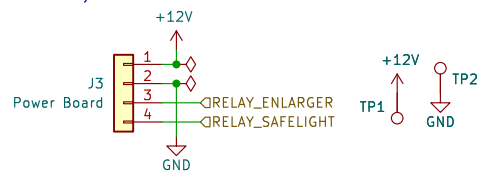
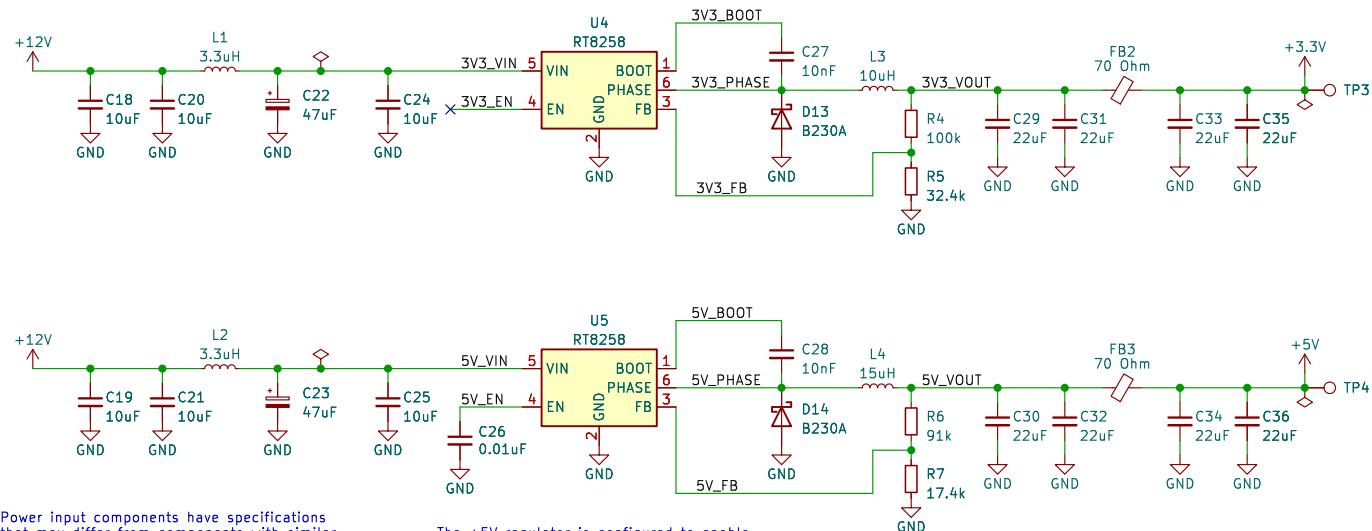


Power Entry



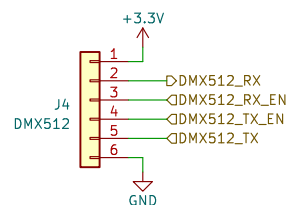
Logic Power Regulation



Power input components have specifications that may differ from components with similar values used elsewhere

The +5V regulator is configured to enable shortly after the +3.3V regulator

DMX512 Port Connector



Note: It is still TBD whether the relay or DMX512 signal pins require any additional protection on this side of the system.

Derek Konigsberg

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Sheet: /Power Supply and Control/
File: main-board-power.kicad_sch

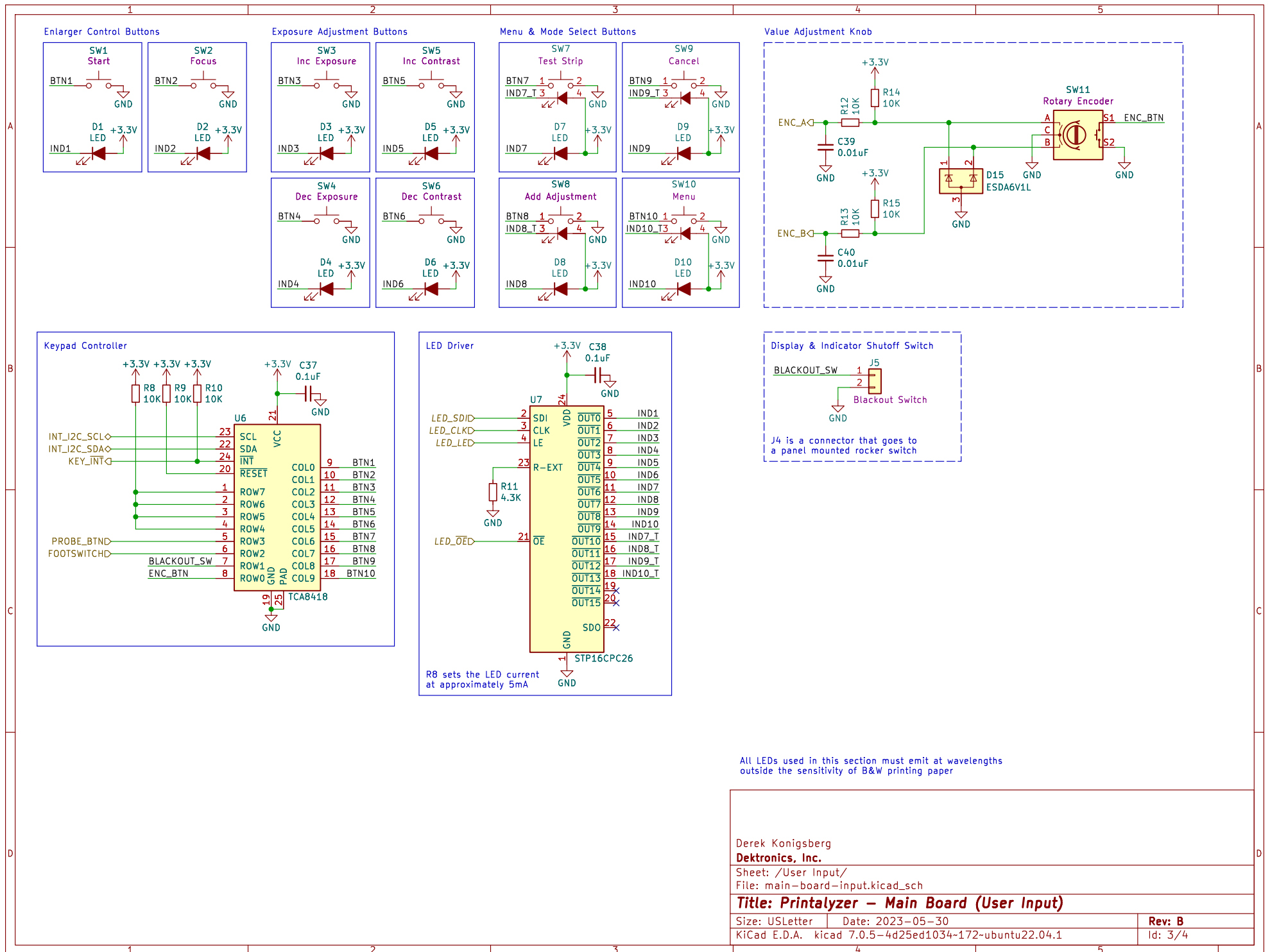
Title: Printalyzer – Main Board (Power Supply and Control)

Size: USLetter Date: 2023-05-30

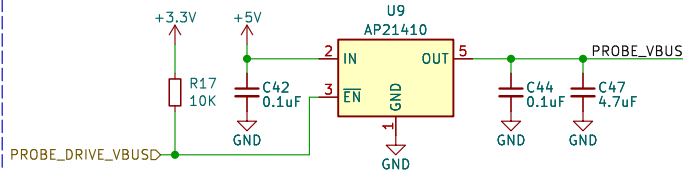
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Rev: B

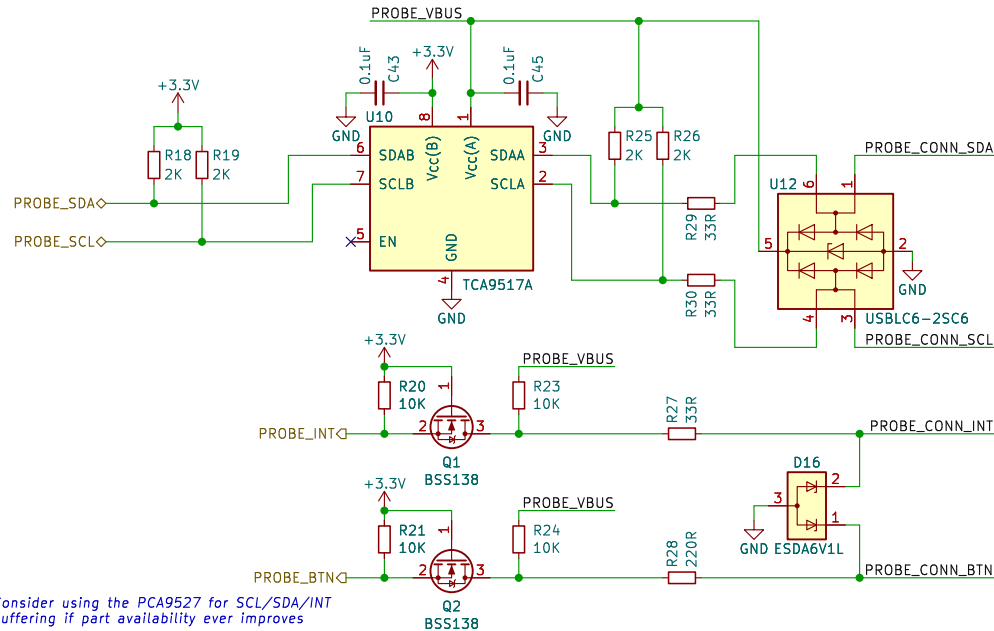
Id: 2/4



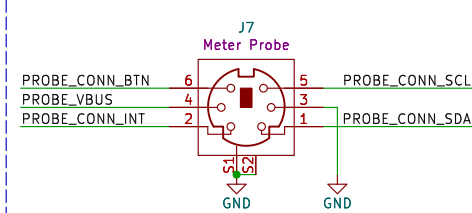
Meter Probe Power Control



Meter Probe Interface



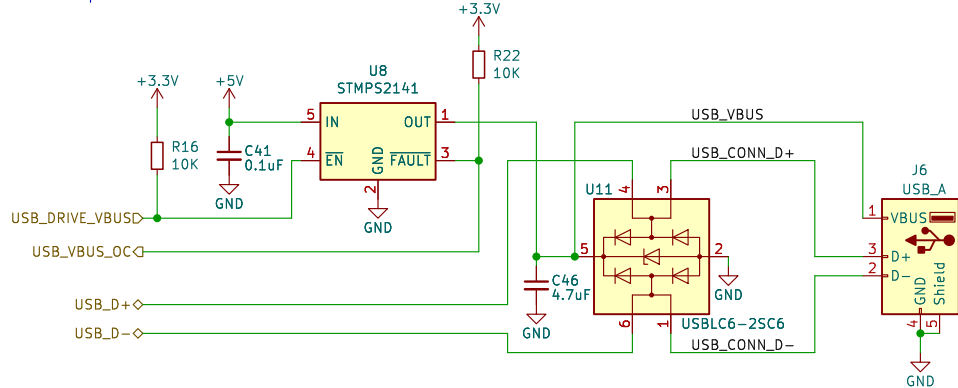
Meter Probe Connector



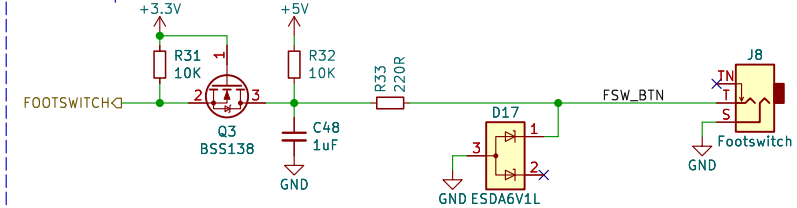
Meter Pinout	
1	SDA
2	INT
3	GND
4	+5V
5	SCL
6	BUTTON

Follow datasheet layout guidance for all ESD suppression components

USB Host Input



Footswitch Input



Derek Konigsberg
Dektronics, Inc.

Sheet: /Front External Connections/
File: main-board-front.kicad_sch

Title: Printalyzer – Main Board (Front External Connections)

Size: USLetter Date: 2023-05-30
KiCad E.D.A. kicad 7.0.5-4d25ed1034-172-ubuntu22.04.1

Rev: B
Id: 4/4