



The Ripper

Phono Preamp with USB Output



Made in USA

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Description

The Ripper is a superb analog phonostage mated to a USB analog-to-digital converter. It was designed to make recording LPs to computer disk as simple and straightforward as possible, while maintaining a very high level of sound quality. The phono section uses passive equalization, polypropylene capacitors, and custom designed high performance regulators. For convenience, a headphone amplifier is built-in for monitoring. The Ripper also includes a digital-to-analog converter for playback.

Package Contents

- The Ripper
- USB cable
- Power Cord

Specifications

Item	Specification
Phono Gain	48dB
Input Impedance	47k ohm
Output Impedance	320 ohms
RIAA Flatness	+/-0.5dB
Bandwidth (-3dB)	16Hz to 32kHz
Distortion	0.05% @1kHz
SNR	72dB ref 5mV A-weighted
Computer I/O	USB 1.1
Data Rates	32k, 44.1k, 48k
ADC/DAC Resolution	16 bits
Size	5" x 5" x 1.5"
Power	115/230Vac, 2W

Operation

The Ripper has no power switch (only 2 watts) and turns on immediately upon plugging in. The front panel LED should light up.

Connect the ground lead from your turntable to the ground lug between the RCA jacks on the rear panel. Connect the phono leads to the input jacks. The output jacks connect to your audio system or linestage. Set the front panel select switch to analog. In this minimal configuration, The Ripper makes a great standalone phonostage.

For recording, connect the USB cable to your PC. Visit the software installation and configuration page at:

www.hagtech.com/setup.html

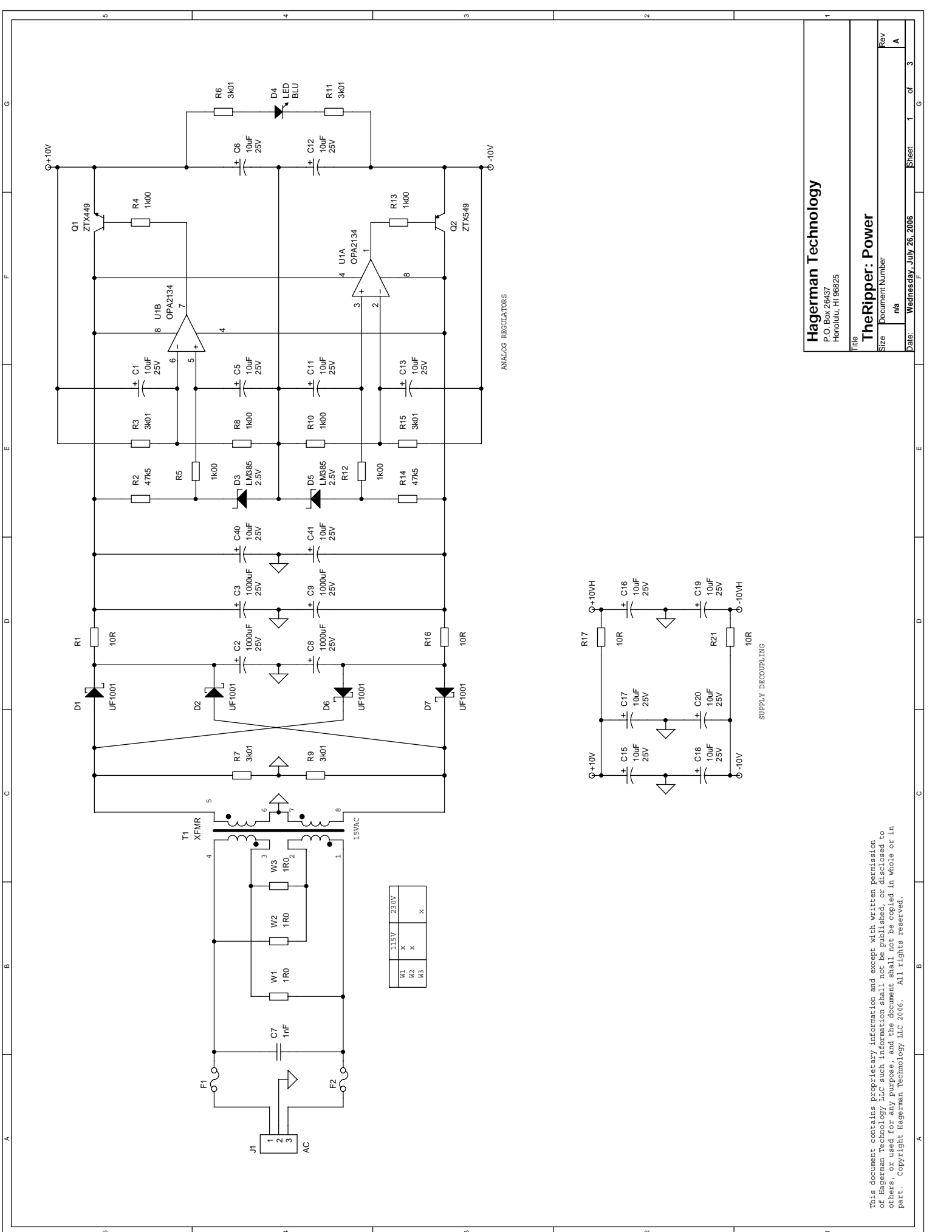
For digital playback, set the select switch to digital. When the USB is active, the LED on front panel lights up.

Recording

To record an LP, run the recording program (audacity) on the PC. Start playing the LP, and adjust the gain control for best recording level. Reset the recording, start the LP over and rip a track. For playback, the select switch is switched to digital mode.

Troubleshooting

Problem	Solution
Power LED off.	Unit not plugged in?
USB LED off.	No bus power available from USB port? PC not configured for USB audio?
No sound.	Check select switch. Try headphone output.
Audio stops or “tics” are present.	Too many devices on the USB bus?
DAC does not accept signal.	Check compatibility. HagUsb plays 32k, 44.1k, and 48k sample rates. Computer software can be configured to resample to other data rates.



W1	1R0	230V	
W2	1R0		X
W3	1R0		X

ANALOG REGULATORS

SUPPLY DECOUPLING

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The Ripper: Power

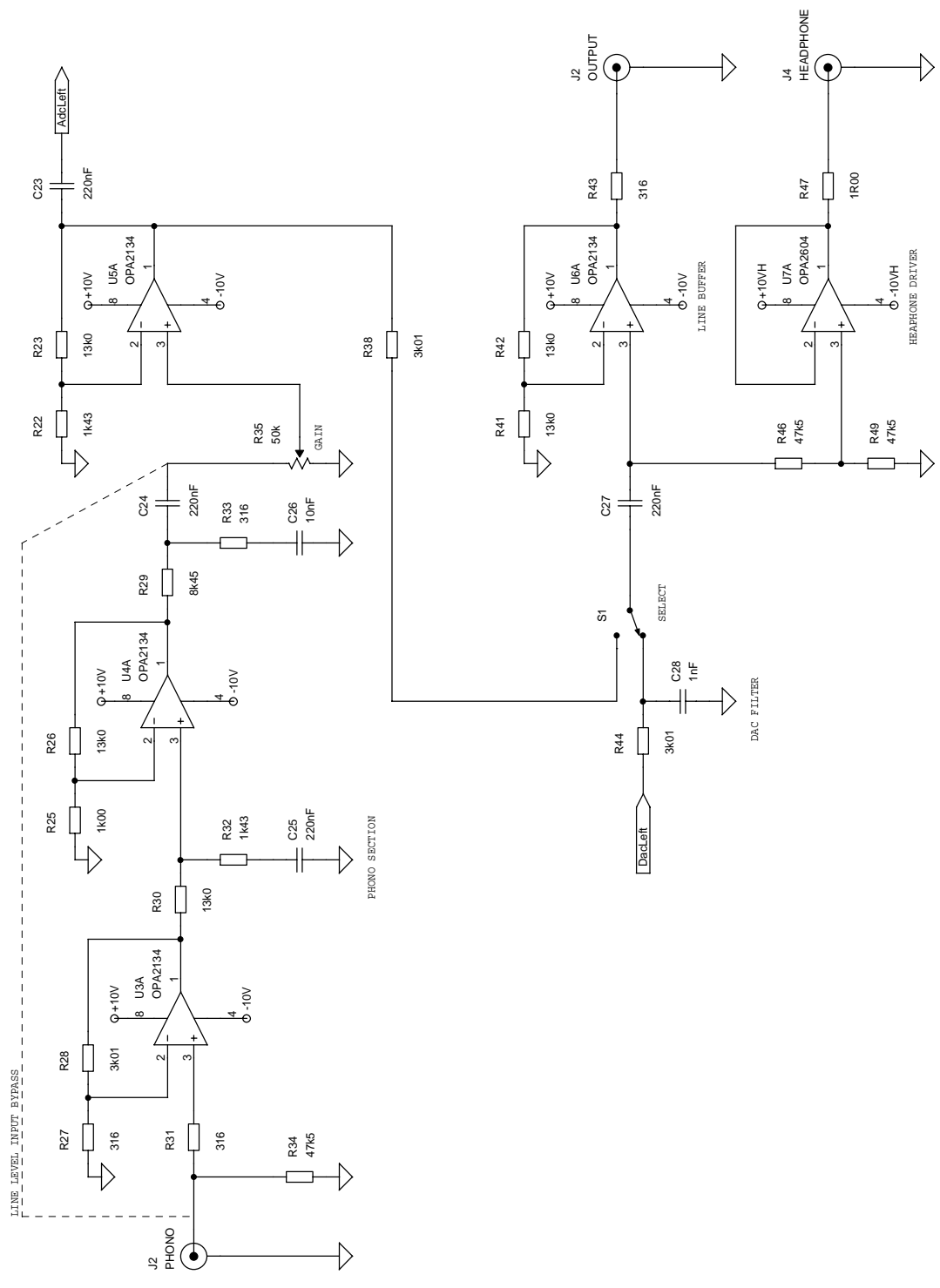
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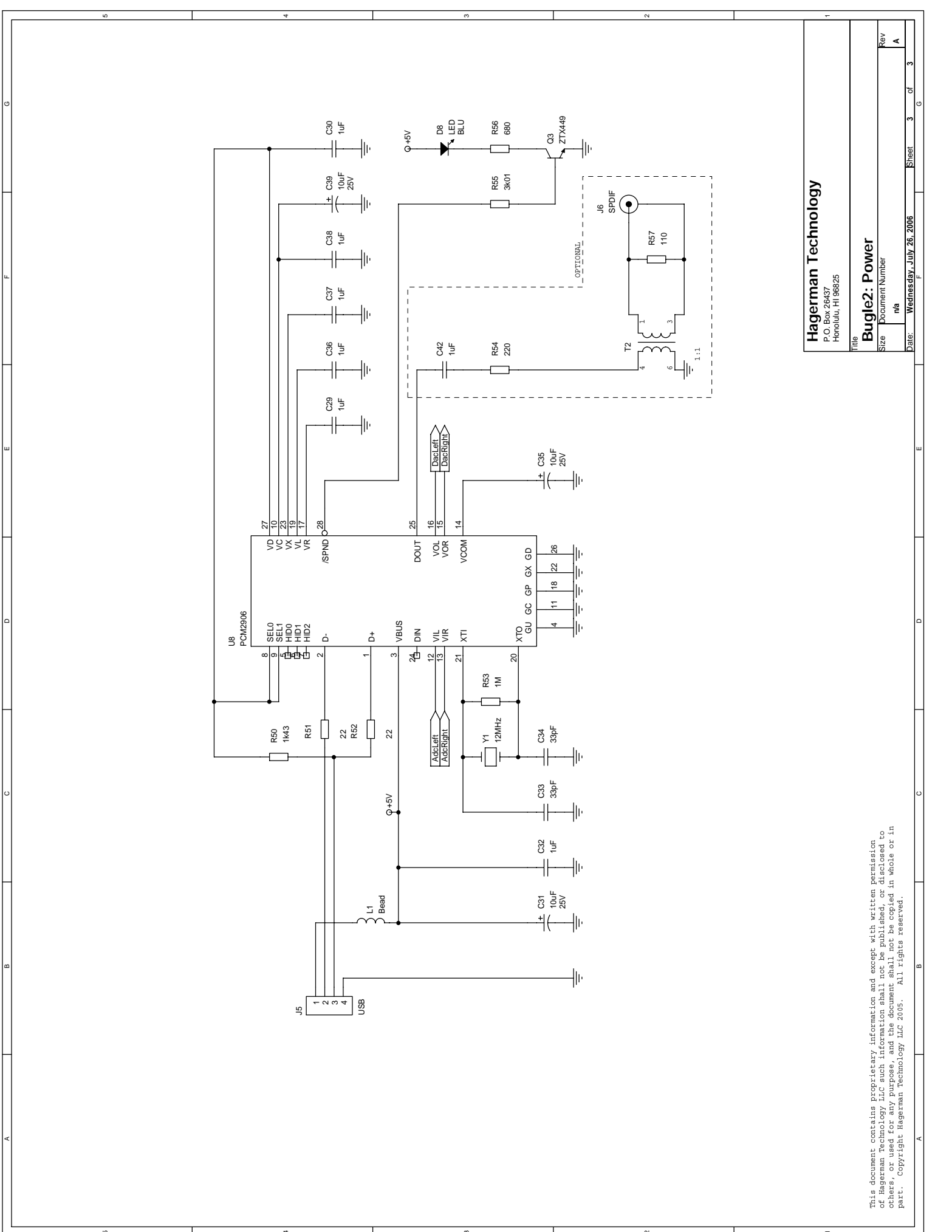
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