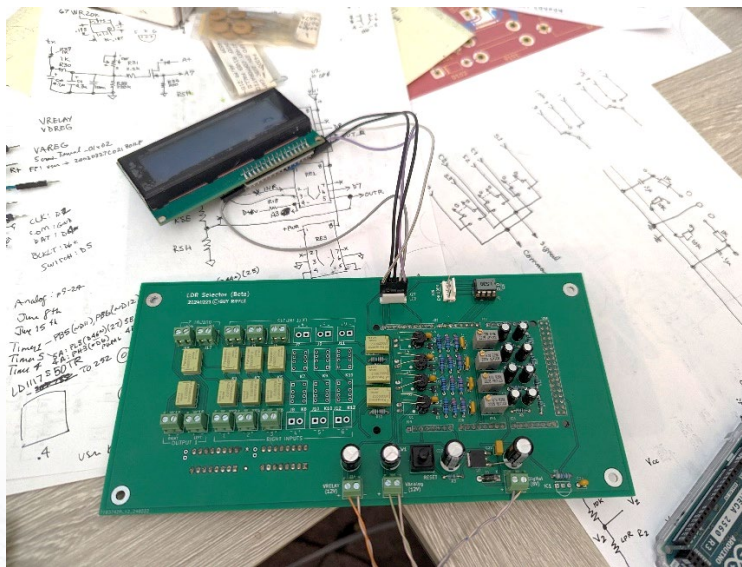


New LS30 Rotary Encoder IC Eliminated Guy Riffle's Rotary Encoder Switch Bounce Problems

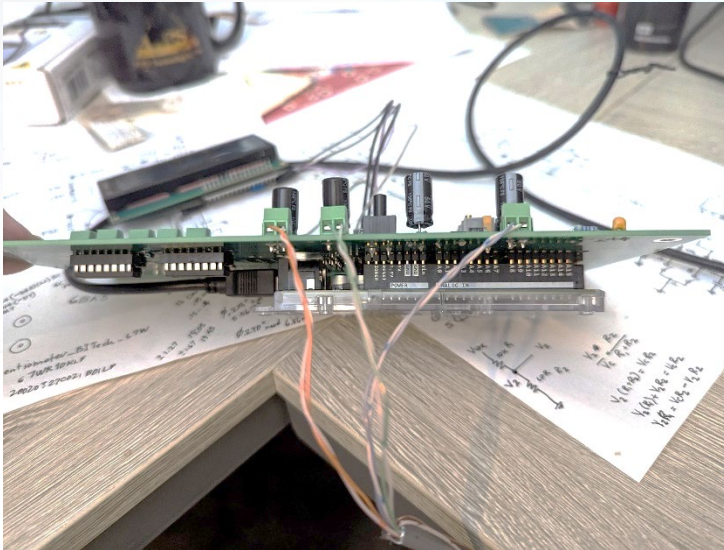
The Problem

Guy Riffle was getting very unsatisfactory results when attempting to implement a viable hardware/software solution to eliminate noise coming from the Bourns PEC11R-4220F-S24 rotary encoders in his DIY audio project. Guy reached out to our customer support team for help in using our existing LS18 3-channel switch debounce IC to remove his rotary encoder bounce noise. We informed him that we were poised to release our new LS30, which is specifically designed with mechanical incremental rotary encoders in mind. Guy was one of our first LS30 customers, and he was thrilled with the results.

The Solution



“Okay, I tried the LS30 yesterday with a Bourns PEC11R-4220F-S24 rotary encoder. Keeping my language polite, this is the cat's meow! Holy smoke, what a great implementation! After all my trials with the hardware debouncers recommended by the manufacturer, and after software attempts and combinations of both, this little IC just plugs and plays! It provides fully predictable clean operation!”



“I am in an audio DIY group, and I immediately told the other members about this device. You can guess how happy I am to have the LS30, and I am very happy with the help that you provided me by telling me about this device and how to use it!”

“I am a happy customer!”

About Guy Riffle



Guy is retired and one of his passions is developing audio products in his spare time. Guy was an engineer at The Johns Hopkins University Applied Physics Laboratory in Laurel, MD for over 40 years where he developed many surveillance products for the US Navy.

About LogiSwitch

LogiSwitch was founded in 2016 to develop products that eliminate switch debounce. The LogiSwitch adaptive NoBounce Technology is widely acknowledged to be the best solution in the market. In addition to requiring no external components, it offers a more accurate and more predictable solution compared to competitive offerings.

For more information, visit www.logiswitch.com.