

FOR IMMEDIATE RELEASE

ZX Printer Shield is now available! Connects Arduino UNO to Timex/Sinclair Printers

by Stewart Newfeld

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Distribution for the ZX Printer Shield designed by New Zealand-based Timex/Sinclair enthusiast Tim Horner is now available. Tim originally designed the ZXPS for his personal use and to satisfy his desire to fully understand the signals the ZX81 and other T/S computers use to print. Stewart Newfeld, who started Zebra Systems, Inc. in March of 1983 as a mail order business for Timex/Sinclair products and who has been selling T/S products on ebay since 1999, learned of Tim's efforts in a Timex/Sinclair Users ZOOM session, and has collaborated with Tim to get the word out about this project and make it easy to obtain ZXPS PCBs and parts in kit form.

The ZXPS allows an Arduino UNO to print to the TIMEX TS2040, ALPHACOM 32, and Sinclair printers that were originally designed for the Sinclair ZX81 and Timex 1000, 1500, and 2060 computers. Tim's open source Arduino Libraries for the ZXPS are on GitHub. They are very well commented and include example Arduino sketches. They serve as the software documentation for using the ZXPS.

A comprehensive support website at www.whattocallit/shield includes a review of the software, the schematic and parts list, assembly/soldering instructions, example applications, and more. The website also has links to purchase the ZXPS on ebay.

For more information visit the website or call Stewart Newfeld at (917) 569-8933



ABOVE: ZXPS on Arduino UNO attached to
Timex/Sinclair compatible Alphacom 32 printer.