The UDPSDR-TX2 SDRstick™ from Zephyr Engineering, Inc
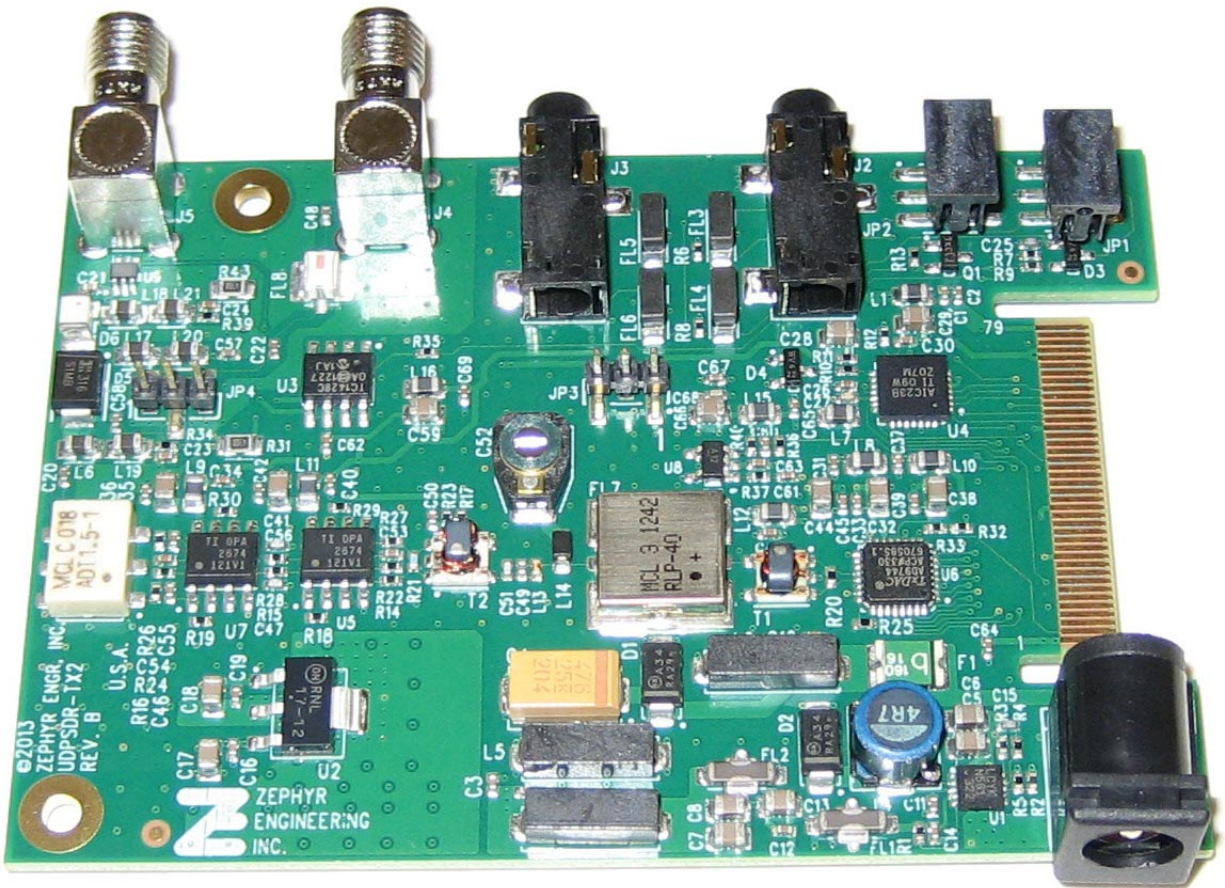
Zephyr Engineering, Inc announced a new component in the SDRstick™ Software Defined Radio product line.
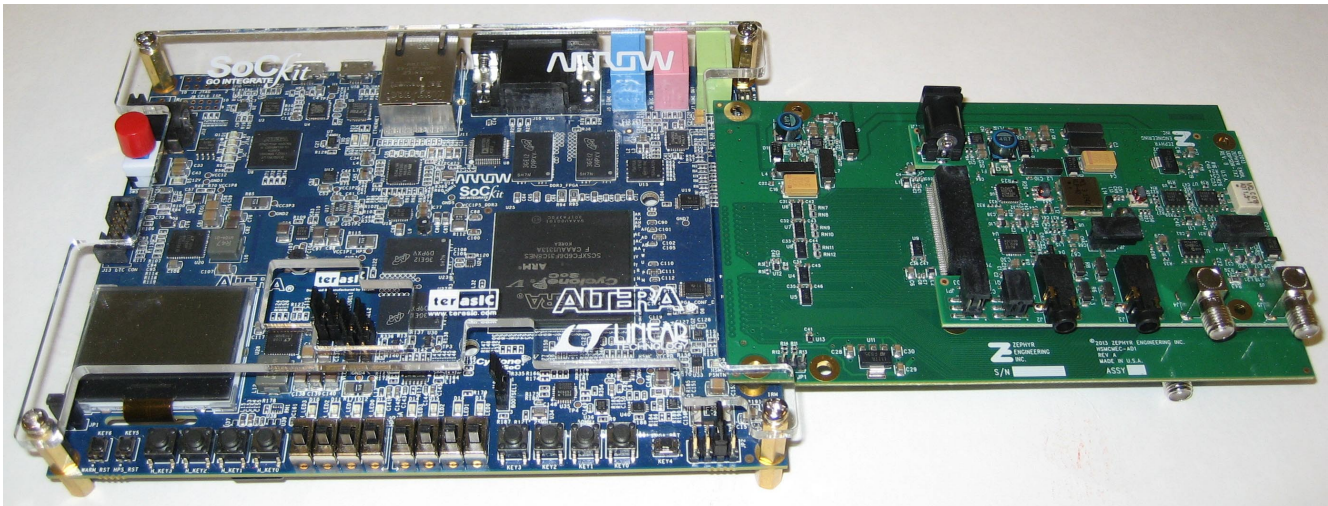
The latest SDR in the SDRstick™ series, the UDPSDR-TX2 features a 14-bit DAC clocked at up to 210Msps. The TX2 is designed to be a companion transmitter to the UDPSDR-HF2 DDC Receiver also from Zephyr Engineering, and the Altera Cyclone V SoCkit board from Arrow Electronics. The TX2 transmitter, HF2 receiver, AD1 adapter and SoCkit board form a complete high-performance 200kHz – 55MHz Digital Down Conversion/Digital Up Conversion transceiver.

TX2 Features:

- 200kHz – 55MHz Digital Up-Conversion (DUC) transmitter
- Analog Devices AD9744 14-bit TxDAC® clocked at up to 210MHz
- 500mW RF output
- Audio CODEC for microphone audio input
- Transmit/Receive antenna switch
- Power requirements: 13.8VDC@300mA (can be powered by SoCkit)
- GNU Radio sink block available soon
- Customization available to suit specific applications
- Introductory price: US$179

SoCkit development board added features:

- Altera Cyclone V SoC 5CSXFC6F31 FPGA for I/Q pre-processing
- SoC FPGA with 110K LEs plus dual ARM® Cortex®-A9 CPU
- Gigabit Ethernet interface for streaming I/Q data via UDP
- 2Gbyte DDR3 SDRAM
- Embedded USB Byte Blaster for programming configuration flash
- Micro-SD card socket

A complete SDR transceiver: UDPSDR-TX2 SDRstick™, UDPSDR-HF2, HSMCMEC-AD1 and SoCkit

SDRstick™ components are RoHS compliant and are available worldwide. Zephyr Engineering also offers complete custom PCB and FPGA IP integration solutions for Software Defined Radio applications. Please contact us with your requirements.

Zephyr Contact (all regions)	Charles Mesarosh mesarosh@zpci.com +1-480-736-8714
UDPSDR-TX2 SDRstick™ Transmitter	http://sdrstick.com/
SDRstick™ Yahoo Group	http://groups.yahoo.com/group/sdrstick/
Arrow SoCkit Development Board	http://www.arrownac.com/solutions/sockit/
GNU Radio	http://gnuradio.org/redmine/projects/gnuradio/wiki
Ordering Information	http://components.arrow.com http://iQuadLabs.com