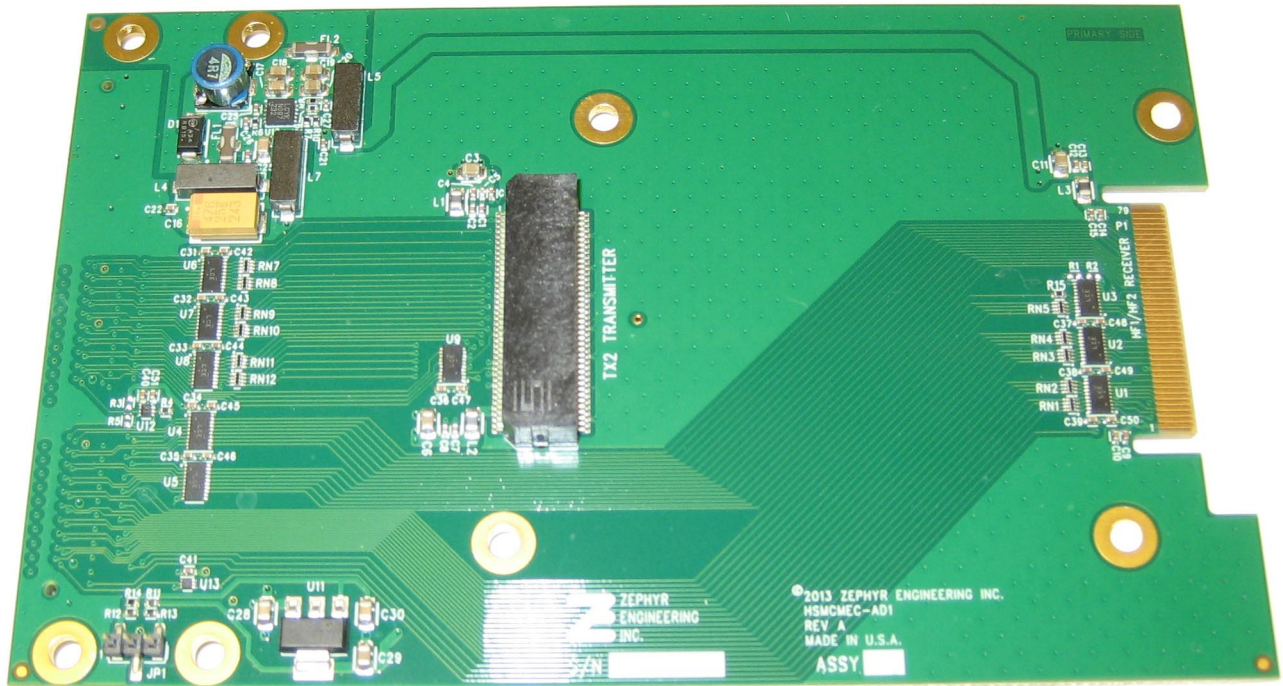


SDRstick™



The HSMCMEC-AD1 SDRstick™ Adapter from Zephyr Engineering, Inc

Zephyr Engineering, Inc announced a new component in their series of Software Defined Radio hardware dubbed the SDRstick™

The HSMCMEC-AD1 Adapter allows the SDRstick™ UDPSDR-HF1 and UDPSDR-HF2 receiver boards and the UDPSDR-TX2 transmitter board to be used on any standard High Speed Mezzanine Connector (HSMC) port. Initially targeting the Arrow SoCkit Cyclone V Development Kit and the Altera Cyclone V SX SoC Development Board, the AD1 can be used on any development board that has an available HSMC connector.

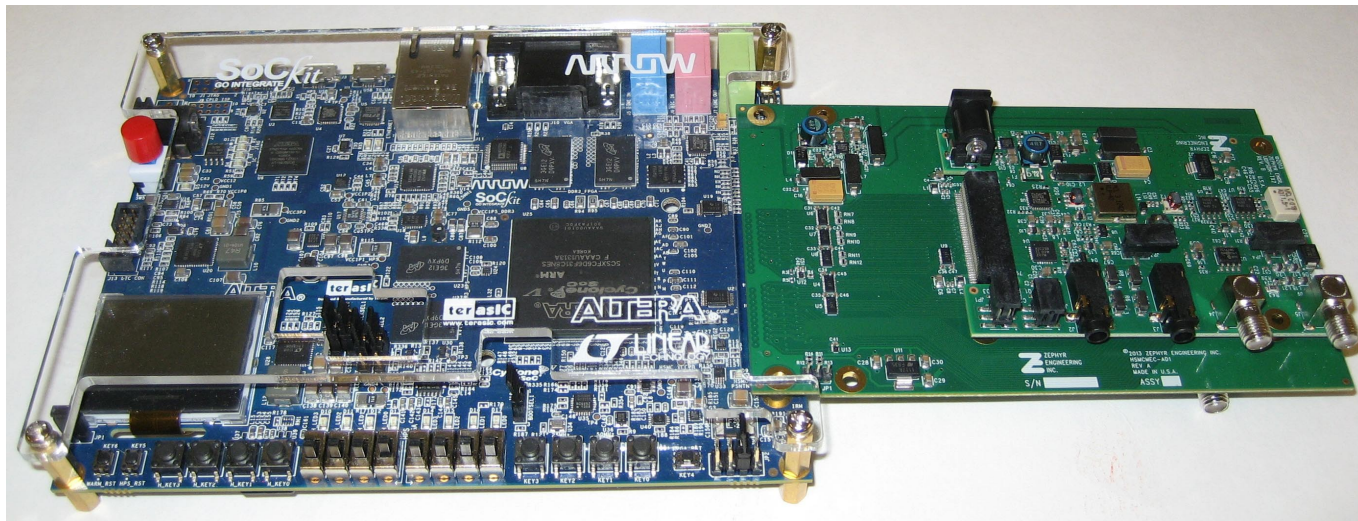
HSMCMEC-AD1 Features:

- 80-pin MEC-style edge connector accepts SDRstick™ HF1 or HF2 receiver front-ends
- 80-pin MEC-style receptacle accepts SDRstick™ TX2 transmitter board
- On-board low-noise SMPS provides 5V power from HSMC +12V bus
- Level translators adapt HSMC VCCIO to SDRstick™ 3.3V I/O levels
- Selectable 1.8V, 2.5V or 3.3V VCCIO for compatibility with most HSMC interfaces

- Introductory price: US\$99

Arrow SoCkit or Altera Cyclone V SX SoC Development board added features:

- Altera Cyclone V SoC 5CSXFC6D6F31 FPGA for I/Q pre-processing
- Dual-core ARM Cortex A9 CPU plus 110K FPGA Logic Elements
- Gigabit Ethernet interface for streaming I/Q data via UDP
- 2Gbyte DDR3 SDRAM
- Embedded USB Blaster II for programming configuration flash
- Micro-SD card socket



A complete 200kHz – 55MHz DDC/DUC SDR transceiver:

Arrow SoCkit board, SDRstick™ UDPSDR-HF2 receiver, UDPSDR-TX2 transmitter, HSMCMEC-AD1 Adapter

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

SDRstick™ Components <http://sdrstick.com/>

SDRstick™ Yahoo Group <http://groups.yahoo.com/group/sdrstick/>

Arrow SoCkit Dev Kit <http://www.arrow.com/solutions/sockit/>

Altera Cyclone V SX Dev Kit
(part #DK-DEV-5CSXC6N) <http://www.altera.com/products/devkits/altera/kit-cyclone-v-soc.html>

AD1 Ordering Information
(part #HSMCMEC-AD1) <http://arrow.com>
 <http://iQuadLabs.com>