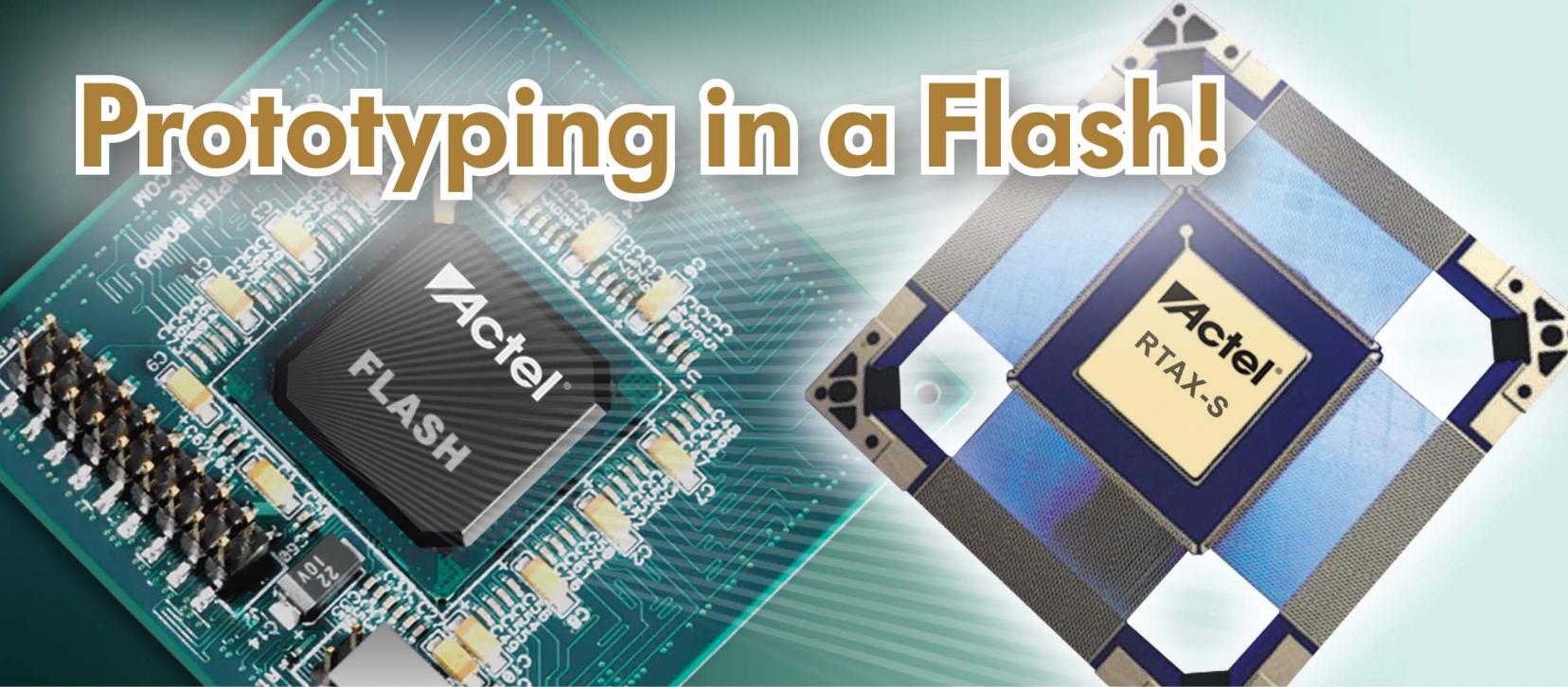


Prototyping in a Flash!



Aldec® and Actel® have joined together delivering an industry leading prototyping solution which allows on-the-fly design re-programmability of flash-based prototypes. This solution provides an Aldec hardware adaptor compatible with RTAX-S devices that use a re-programmable ProASIC®3E or IGLOO chip. In addition, RTAX2A3P EDIF netlist converter is available, automating design conversion and pin re-mapping between the RTAX-S and the ProASIC®3E.

Top Features

- Allows RTAX-S prototyping with Actel Flash devices
- Adaptor can be re-programmed
- The prototype adaptor is footprint compatible with RTAX-S CQ352 or RTAX-S CG624
- Automated device netlist conversion
- Automatic memory conversion
- Automatic Physical Design Constraint (PDC) file conversion

Re-Programmable Prototyping Board

The adaptor board maps an Actel ProASIC®3E or IGLOO to the footprint of an Actel RTAX-S device on the bottom. There are two connectors on the top of the adaptor: the power supply and JTAG interface connector for programming the device. After soldering the adaptor onto the PCB, the flash device can be reprogrammed on the fly.

RTAX2A3P EDIF Netlist Converter performs automatic conversion of the RTAX-S EDIF netlist to a ProASIC®3E netlist, which means replacement of the primitives has to be done, with consideration of the limitations (differences between RTAX-S and flash-based technologies). A pin remapping utility allows automatic Physical Design Constraint (PDC) file conversion, eliminating additional manual work.

RTAX-S DEVICE TO PROTOTYPE	ADAPTOR BOARD TO BE USED FOR PROTOTYPING			
	A3PE1500-CQ256	A3PE1500-CQ352	A3PE3000-CQ352	AGLE3000-CG624
RTAX250S-CQ352		•	•	
RTAX1000S-CQ352		•	•	
RTAX1000S-CG624				•
RTAX2000S-CQ256	• *			
RTAX2000S-CQ352		• *	•	
RTAX2000S-CG624				•
RTAX4000S-CQ352			• *	

* The adaptor can be used to prototype the specified RTAX-S device only if the customer design does not exceed the capacity of the flash device on top of the adaptor.

Support for other military packages is available upon request.

Visit our website at www.aldec.com

Information: info@aldec.com

Support: support@aldec.com



2260 Corporate Circle Henderson, Nevada 89074 • Phone: 702.990.4400 • Fax: 702.990.4414
 Copyright © 2008, Aldec is a registered trademark of Aldec, Inc. All other trademarks or registered trademarks are property of their respective owners R4_08
 2, Rue Galilée - 78280 GUYANCOURT - Tél. 01.39.30.65.06 - Fax. 01.39.30.65.08
www.cadvision.fr