

	<u>Microsemi Space Solutions On Board Juno Spacecraft</u>
NEWS	 <u>Microsemi Announces New Addition to its Imaging/Video Solution to Support Growing</u> Demand for MIPI CSI-2 Interfaces
	 Microsemi Announces LiteFast Serial Communication Protocol to Reduce Customers' Design
	In Efforts and Time to Market
	Microsemi Announces Imaging/Video Solution Providing a Secure, Reliable, Low Power Device for Imaging Applications
	 Microsemi Sponsors Design Training for Embedding RISC-V in its SmartFusion2 SoC FPGAs
	During Hands-On Tutorial Session
	Recent Articles
ARTICLES	EE Times Programmable Logic DesignLine:
	Microsemi FPGAs Support Growing Demand for MIPI CSI-2 Interfaces
	Electronic Engineering Journal:
	The Quiet FPGAs: Microsemi Soldiers on Silently "perhaps the best choice - for many application sockets."
	EE Times Internet of Things DesignLine: Startup Debuts Open Source SoCs
	Center of Excellence
Program	ming, Design Security, and Data Security–Ming-Hoe Kiu
A) started chance to based FPC opportunit Through fi deeper know work close	d you gain your deep knowledge of FPGA programming and security? at Lattice Semiconductor as a Software Engineer in the Programming group, where I had the re-architect the software and eventually work closely with the silicon design team on their SRAM- GA programming and debug architecture. I joined Microsemi (then Actel) in 2003, where I had the y to design, test, and bring up the new programmer (FlashPro 3) with First Silicon Solutions (FS2). rsthand validation of the programming and security functionally on ProAsic3E 3000, I gained owledge with Microsemi's Flash Programming. Finally, as part of the Security Workgroup I get to ely with Ken Irving and Richard Newell to design SmartFusion2 security features, so I seize every y to learn from both of them.
	re the most important design details engineers need to follow to ensure a successful programming

A) Engineers should design the system with programming in mind right from the beginning. They also should ensure that the system has stable supply voltage and signal integrity. They need to have system-level understanding of how the device is controlling or interfacing with rest of the system to correctly set the I/O state during programming to avoid issues while transitioning into, during, and out of programming. Lastly, if programming uses an embedded processor, engineers must make sure that they have accurate delay function implemented to ensure a required minimum delay time.

Q) Tell us something about yourself that we would be surprised to know.A) About 10 years ago, I traded my addiction to martial arts for Argentine Tango.

Microsemi Corporate Headquarters One Enterprise, Aliso Viejo, CA 92656 USA Within the USA: +1 (800) 713-4113 Outside the USA: +1 (949) 380-6100 Sales: +1 (949) 380-6136 . Fax: +1 (949) 215-4996 email: <u>sales.support@microsemi.com</u> . <u>www.microsemi.com</u>