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Digi XPress Crypto Module

Posted by Ken Cheung in [Boards, Busses](#) on Tuesday, March 22, 2011

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Digi International announced the XPress Crypto Module for developing wireless and wired devices that meet stringent federal cryptography standards. The cryptographic embedded module is validated by the National Institute of Standards and Technology (NIST) to Level 2 of the Federal Information Processing Standard (FIPS) 140-2 (certificate #1452). The module supports a Serial Peripheral Interface (SPI) and can be embedded in a host microcontroller circuit. Digi XPress Crypto Module development kits are available now for \$399.



XPress Crypto Module Features

- NIST certified FIPS 140-2 Level 2 encryption ensures secure communication
- Development kit and pre-certified modules enable marking with official NIST FIPS 140-2 logo
- Mini USB Type B port for easy config management with PC or serial terminal
- AES 128-, 192- or 256-bit encryption up to 5 Mbps for user-specific applications
- Two separately password-protected user modes for secure day-to-day operation
- Supports a Serial Peripheral Interface (SPI)
- Can be easily embedded in a host microcontroller circuit
- Circuit board is treated with a government approved, tamper-evident coating to protect encryption keys from being compromised
- Industrial temperature range (-40°C to +85°C)
- Small form factor (30 mm x 50 mm x 15 mm)

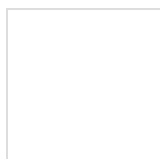
More information: [Digi International](#)

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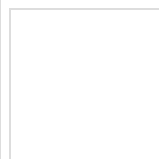
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