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### Part Number : SW300052 - Data Encryption Libraries



This CD includes source code for three of Microchips encryption libraries. The first corresponds with AN1044, and includes TDES and AES implementations for PIC24 and dsPIC devices. The second corresponds with AN953, and includes AES, XTEA, SKIPJACK(R) and a simple encryption algorithm using a pseudo-random binary sequence generator. The third library is a patch for the Microchip TCP/IP Stack. It enables SSL support by providing RSA and ARCFOUR implementations for PIC18, PIC24, dsPIC, and PIC32 devices.

Note: you will have to make the purchase again for future upgrade. This is necessary for the system to carry out the required background check, due to the U.S. export regulation on encryption technologies.

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### Part Number : AC164132 - Fast 100Mbps Ethernet PICtail Plus Daughter Board



The Fast 100Mbps Ethernet PICtail Plus Daughter Board provides 10/100 Ethernet connectivity for evaluation of the ENC424J600/624J600 Ethernet controllers. The board has both PICtail headers and PICtail Plus side-edge connectors designed to be plugged into the Explorer 16 (DM240001), PIC32 I/O Expansion Board DM320002), PICDEM.net 2 (DM163024), or PIC18 Explorer (DM183032) development boards. A 64-pin ENC624J600 Ethernet controller is populated to allow evaluation of the SPI and all PSP interface modes. Auto-crossover circuitry is included to avoid the need of crossover cables. The daughter board is natively supported by the free Microchip TCP/IP Stack on PIC18, PIC24, dsPIC, and PIC32 platforms. A 5-foot RJ-45 straight-through patch cable and a Data Encryption Libraries CD (SW300052) is included in the box. [More Info >>](#)

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