



Aspen Test adds Texas Instruments MSP430 Microcontrollers

We have full Vector Test and ISP Programming for these devices (plug & play)

64-pin PQFP

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|---------------------------|---------------------------------|
| • MSP430F233 | 8KB+256B Flash Memory, 1KB RAM |
| • MSP430F235 | 16KB+256B Flash Memory, 2KB RAM |
| • MSP430F247, MSP430F2471 | 32KB+256B Flash Memory, 4KB RAM |
| • MSP430F248, MSP430F2481 | 48KB+256B Flash Memory, 4KB RAM |
| • MSP430F249, MSP430F2491 | 60KB+256B Flash Memory, 2KB RAM |
| • MSP430F2410 | 56KB+256B Flash Memory, 4KB RAM |

- ❖ This includes a C++ program that will convert Intel Hex files into DSM files.
- ❖ This includes a pin-test with 93% fault coverage and Boundary-Scan equivalent pin diagnostics. That includes every pin except for the analog voltage reference pins.
- ❖ A blank device with 8K flash will pin-test, program and verify in 1.5 seconds.

We also support the next set of MSP430s with 20-bit extended address, and larger embedded flash

80-pin and 100-pin PQFPs

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|-----------------------------|-------------------------|
| • MSP430F5438, MSP430F5438A | 256KB+512B Flash Memory |
| • MSP430F5437, MSP430F5437A | 256KB+512B Flash Memory |
| • MSP430F5436, MSP430F5436A | 192KB+512B Flash Memory |
| • MSP430F5435, MSP430F5435A | 192KB+512B Flash Memory |
| • MSP430F5419, MSP430F5419A | 128KB+512B Flash Memory |
| • MSP430F5418, MSP430F5418A | 128KB+512B Flash Memory |

Call **David Kufra** at **678.797.5566** or email sales@aspentest.com today to discuss your existing or future programming and fixture needs.

