

CYPRESS DEBUTS MILITARY VERSIONS OF Ultra37000™ CPLDs

Extends Leadership in Military CPLD Market; 512-Macrocell Device is World's Largest

SAN JOSE, Calif., February 8, 1999 — Cypress Semiconductor Corporation announced today that its Ultra37000™ family of Complex Programmable Logic Devices (CPLDs) is now available in military versions. Cypress is a leading supplier of military-grade CPLDs, maintaining its commitment to military customers while other vendors have exited the market. Cypress is offering eight devices for military applications, including 3.3-V and 5-V versions of 64-, 128-, 256-, and 512-macrocell parts. The 512-macrocell device is the largest military CPLD on the market.

Programmable logic is well suited for military applications because it requires no up-front investment in Non-Recurring Engineering (NRE) costs as needed for ASICs. Most military projects involve relatively low volumes, so the NRE costs must be spread over a small number of units, adding significant cost to each device. In addition, as new technologies and standards are introduced, re-programmable logic such as Cypress's Ultra37000 family gives military customers the ability to upgrade their systems, which often have very long life cycles.

"The Ultra37000 devices are the highest performance programmable logic devices available for the military market," said Dan McCranie, Cypress's executive vice-president of sales and marketing. "This is another example of our unwavering commitment to serve the needs of our military customers."

Long-Term Commitment to the Military

Cypress has been a supplier to the military since its inception. The company has received full Qualified Manufacturer List (QML) certification. QML certification benefits both Cypress and its customers by allowing the elimination of previously mandated tests/processes that add little or no value. The result is that Cypress can provide military products more quickly and less expensively while maintaining the high military standard quality levels. Also, many customers are not required to perform additional qualifications on QML product, saving them time and money.

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Cypress Ultra37000 CPLDs

Cypress's Military Ultra37000 CPLD family offers a simple, fixed timing model that guarantees pin-to-pin propagation delays as fast as 6.5 ns. Available in both 3.3-V and 5-V versions (the 3.3-V devices are 5-V tolerant), the family also offers Cypress's In-System Reprogrammability (ISR™), which assures that logic changes won't affect pinouts or critical timing.

Price and Availability

The military members of the Ultra37000 family include 5-V and true 3.3-V versions of the 64-macrocell CY37064(V) in a 44-pin ceramic leadless chip carrier (CLCC) package, the 128-macrocell CY37128(V) in an 84-pin CLCC, the 256-macrocell CY37256(V) in a 160-pin ceramic quad flatpack (CQFP) package, and the 512-macrocell CY37512(V) in a 208-pin CQFP. The CY37256(V) is sampling today, with full production in March. The remaining devices will all be in production in the second quarter. Pricing starts at \$85 each for the CY37064(V).

Cypress Semiconductor Corporation, headquartered in San Jose, California, provides a broad range of integrated circuits for leading computer, networking, and telecommunications companies worldwide. Cypress's products include static RAM and specialty memories, programmable logic devices (PLDs), data communications products, timing devices, and USB microcontrollers. Its shares are listed on the New York Stock Exchange under the symbol CY, and its web site is <http://www.cypress.com>.

"Safe Harbor" Statement under the Private Securities Litigation Reform Act of 1995: Statements herein that are not historical facts are "forward-looking statements" involving risks and uncertainties. Please refer to Cypress's Securities and Exchange Commission filings for a discussion of such risks.

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