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**QP Semiconductor Introduces High-Speed CMOS UV PROM
Replacements for Popular Cypress PROMs**

*Pin-for-Pin Replacements Cover Full
Mil-temperature Range*

SANTA CLARA, Calif. – June 26, 2006 – QP Semiconductor today introduced a family of CMOS UV PROMS that feature low-power consumption and high speeds to 15 ns. The devices are complete redesigns of the popular Cypress high-speed PROMs. Available initially in hermetic packages for military, aerospace and industrial applications, plastic versions could also be available based on customer demand.

“When we reviewed the world demand for UV PROMs we realized that there would soon be a shortage of certain part numbers,” said Jim Townsend, director, marketing. “So we embarked on a program to redesign pin-for-pin equivalent devices. We picked the parts that we felt had the widest appeal and also had demonstrated demand. Our business practice is to provide solutions to our customers for obsolete and hard-to-get parts and this redesign effort should serve our customers well.”

The family offers the advantage of high-speed, low-power and proven high programming yield. They are all eight-bit wide memories available either as a one-time-programmable (OTP) device or in a windowed package to allow for reprogrammability. The memory cells utilize proven CMOS PROM floating-gate technology. The I/Os are TTL compatible.

The table below provides an overview of the new family types:

Size	Part Number	Description	Speed (ns)	Samples Available
4K	QP7C225A	512 x 8 Registered	25/30/35	Now
8K	QP7C235A	1k x 8 Registered	25/30/35	Now
16K	QP7C245A	2K x 8 Registered	15/18/25	Now
8K	QP7C281A	1K x 8	30/45	Now
16K	QP7C291A	2K x 8	20/25/35	Now
64K	QP7C261	8K x 8	25/35/45	Now
64K	QP7C263	8K x 8	25/35/45	Now
64K	QP7C264	8K x 8	25/35/45	Now
128K	QP7C251	16K x 8	45/55	Q306
256K	QP7C271	32K x 8	25/35/45/55	Now
512K	QP7C287	64K x 8 Registered	45/55	Q306

Pricing and Availability:

Most products are sampling now and are available in either industrial grade hermetic packages or full mil qualified QML hermetic packages. Pricing in quantities of 100 pieces begin at \$12.50 each depending on package type and screening requirements. Windowed and windowless package types include standard DIPs (300 and 600 mil) flatpack, and leadless chip carriers. Customers should contact QP Semiconductor for a specific quote. Sales office information can be found at <http://www.qpsemi.com/sales.html>.

All products have been qualified and may be ordered using their SMD number, listed with DSCC, or their standard ordering code. QP PDF data sheets can be accessed at: <http://www.qpsemi.com/literature.html>.

About QP Semiconductor

QP Semiconductor is a privately held California company founded in 1985. The company was initially formed to provide semiconductor assembly, electrical test and qualification services to the military, aerospace and high reliability industries. Over the last seven years, the company has evolved into a true fabless semiconductor company that designs, re-engineers and provides a full range of manufacturing capabilities to extend the life of classic ICs for a host of mission-critical programs. The company focuses on providing replacement hermetic parts for DMS, (Diminished Manufacturing Sources) and EOL (End of Life) products.

QP Semiconductor ranks today as one of the largest fabless manufacturers of high-reliability hermetic ICs for military & aerospace systems. The company provides over 9% of all QML part numbers listed by the Defense Supply Center, Columbus (DSCC).

QP Semiconductor is headquartered in Santa Clara, California with sales representation throughout the world. For more information, please visit www.qpsemi.com.

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