March 5, 2012

![Microchip logo]

Microchip Further Expands Stand-Alone Real-Time Clock Calendar Device Family

New, Low-Cost I^{2}C™ RTCC Device Includes 64 Bytes SRAM, Digital Trimming Circuit That Can Compensate Up to 11 Seconds Per Day for Crystal Error

CHANDLER, Ariz.--(BUSINESS WIRE)-- Microchip Technology Inc. (NASDAQ: MCHP), a leading provider of microcontroller, analog and Flash-IP solutions, today announced the expansion of its stand-alone Real-Time Clock Calendar (RTCC) family with the I^{2}C™ **MCP7940M RTCC device**. This new device is designed for the price-competitive consumer products market, and includes 64 Bytes of SRAM as additional scratchpad memory, as well as a digital-trimming circuit that can compensate up to 11 seconds per day for crystal error. The MCP7940M devices provide accurate timekeeping at a low cost for applications in the **home-appliance** (e.g., microwaves, washing machines, dryers, ovens, thermostats); **audio/video** (e.g., radios, televisions, set-top boxes, digital recorders); and **consumer-electronic** markets (e.g., printers, network routers, cameras), among others.

Following the launches of Microchip's stand-alone I^{2}C **MCP79410** and SPI **MCP795WXX/BXX** RTCC devices in 2010 and 2011, respectively, the MCP7940M device has a simple feature set that meets the needs of the high-volume segment of the RTCC device market. Microchip now has stand-alone RTCC devices for the low, mid and upper-mid ranges of this market. The on-chip digital trimming circuit has a wide trimming range of +/-127 ppm, enabling designers to select lower-quality crystals for their designs to reduce overall system costs.

"After receiving many customer requests for low-end real-time clocks and conducting our own analysis of this market, we developed the MCP7940M RTCC device," said Randy Drwinga, vice president of Microchip's Memory Products Division. "By offering a price-competitive RTCC that also includes 64 Bytes of SRAM and a digital-trimming circuit for higher accuracy, we believe that our solution will have a distinct advantage over the competition."

Development Support

Microchip's **MCP79410 RTCC PICtail™ Plus Daughter Board** (part # AC164140, $45) is available, today. The board works with Microchip's **Explorer 16** Development Board (part # DM240001, $129.99), **PIC18 Explorer Board** (part # DM183032, $99.99), **PICkit™ Serial Analyzer** (part # DV164122, $49.99), and **XLP 16-bit Development Board** (part # DM240311, $59.99).

Packaging, Pricing & Availability

The MCP7940M RTCC is available today in 8-pin MSOP, PDIP, SOIC, TSSOP and 2 mm x 3 mm TDFN packages. Pricing starts at $0.45 each, in 10,000-unit quantities. **Samples** can be ordered today, at **http://www.microchip.com/get/G8UL**. Volume-production quantities of

the devices can be purchased today, at **microchipDIRECT** (**http://www.microchip.com/get/E1NA**). For further information, contact any Microchip sales representative or authorized worldwide distributor, or visit Microchip's Web site at **http://www.microchip.com/get/SS5J**. To purchase products mentioned in this press release, go to **microchipDIRECT** or contact one of Microchip's authorized distribution partners.

About Microchip Technology

Microchip Technology Inc. (NASDAQ: MCHP) is a leading provider of microcontroller, analog and Flash-IP solutions, providing low-risk product development, lower total system cost and faster time to market for thousands of diverse customer applications worldwide. Headquartered in Chandler, Ariz., Microchip offers outstanding technical support along with dependable delivery and quality. For more information, visit the **Microchip Web site** (**http://www.microchip.com/get/X64G**).

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Tags / Keywords: Real-Time Clock, **Real-Time Clock Calendar**, **Real Time Clock**, **RTCC**

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Source: Microchip Technology Inc.