

RESOURCES

ISSCC to Include Microprocessor Workshop

Amid the usual disclosures of RF circuits and Hall-effect sensors, the IEEE's International Solid-State Circuits Conference (ISSCC '97) will feature an all-day workshop on microprocessor chip design. The workshop, which precedes ISSCC by one day, will be held on February 5. The conference itself will be held at the San Francisco Marriott February 6-8, 1997. Scheduled microprocessor-related presentations include Exponential's PowerPC x704 (see [101401.PDF](#)), PowerPC G3, 550- and 600-MHz Alphas, AMD's K6, and a technology disclosure of the Pentium Pro Processor with MMX Technology (Klamath).

Early registration (before 1/6) costs \$310 for IEEE members or \$385 for nonmembers. Late registration adds \$70. To register or for more information, contact IEEE (Palo Alto, Calif.) at 415.494.7115; fax 415.494.6509 or visit www.isscc.org.

Demo in the Desert

This year's Demo '97 will be held at Indian Wells (Calif.), just outside Palm Springs. The four-day show runs February 9-12 and features invited demonstrations of new hardware and software products for the PC industry.

Registration runs \$2,295 for all four days. To register or for more information, contact InfoWorld (San Mateo, Calif.) at 800.633.4312; fax 415.286.2750 or set your Web browser to www.demo.com.

Engineers Talking to Engineers

That's what happens at Design SuperCon '97, a three-day event at the Santa Clara (Calif.) Convention Center running January 21-23. The show's events are arranged in four tracks covering embedded system design, high-performance systems, digital communications, and on-chip system design.

Early registration (before 1/3) runs from \$175 for a one-day pass to \$350 for all three days; admission to the exhibit hall is free. Late registration adds \$25-\$45. For additional information or to register, contact DSC (Chicago) at 888.372.1997 or 312.559.3726; fax 312.559.4111 or visit www.supercon.com.

Are Display Sales Flat?

Market researchers Integrated Circuit Engineering (ICE) have produced a lengthy report covering LCDs and other flat-panel displays. Titled *Flat Panel Displays: a Market and Technology Report*, this erudite tome includes market analysis, manufacturing background, and technology comparisons.

Copies of the report sell for \$990 each. For more information, contact ICE (Scottsdale, Ariz.) at 602.368.8260; fax 602.948.1925 or visit www.ice-corp.com/ice.

CD-ROM Drives Ship 54.5 Million Units

So claims Disk/Trend in its latest optical-disk research report, available for \$1,990 via the Web at www.disktrend.com.

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MICRODESIGN RESOURCES

JANUARY 9 DINNER MEETING

Can General-Purpose Processors Replace DSPs?

*Jeff Bier, General Manager
Berkeley Design Technology*

1997 will be the year of the MMX PC, and Intel will soon go into high gear introducing and promoting their multimedia instruction execution extensions. But how well does MMX (and the comparable extension to other ISA's) really work? Join us as Jeff Bier, General Manager of Berkeley Design Technology, addresses this question using results from BDT's year-long study benchmarking DSP on general-purpose processors. After summarizing the practicalities of implementing DSP on general-purpose processors, Bier will forecast trends in processors' DSP capabilities.

Seating is limited and advance payment is required to reserve space. The \$99 cost includes handouts, the reception and dinner. To register, call our customer-service department at 800.527.0288 or 707.824.4001, or visit our Web site at www.chipanalyst.com.