

N E W S . R E L E A S E

FOR IMMEDIATE RELEASE

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IDT R3041™ RISController™ POWERS NEW ECHOSTAR SATELLITE TELEVISION DIGITAL RECEIVER

SANTA CLARA, Calif., March 4, 1996—Integrated Device Technology, Inc. (IDT), the broadest designer and manufacturer of MIPS RISC microprocessors, today announced that the IDT R3041™ RISController™ will power the satellite television digital receivers used in EchoStar's Digital Sky Highway (DISH™) Network. Unveiled today at the Satellite Broadcasting and Communications Association (SBCA) Show in Las Vegas, Nevada, EchoStar's DISH Network promises to provide the best value in direct broadcast satellite (DBS) television. The company expects to ship more than one million receivers during its first year in operation, each using one IDT R3041 RISController.

"Low cost is a critical element in bringing emerging satellite television into the home," said Mark Jackson, director of engineering at EchoStar. "The satellite receiver, a key element in the DISH network, utilizes IDT's R3041 RISController to provide the highest performance and bandwidth at an attractive price point."

EchoStar's DISH Network includes a comprehensive package of all hardware, software, programming and financing necessary to deliver more than 200 channels of digital video, audio and data services to retailers and consumer homes throughout the continental United States by mid-1996.

"IDT is a recognized leader in providing superior price/performance microprocessors to help customers make next-generation products, such as satellite television, a viable option for the mass consumer market," said Alex Naqvi, vice president of IDT's RISC Microprocessor Division. "EchoStar's selection of the R3041 as the heart of their system is another example of the power of IDT's processors and our ability to drive the cost of embedded processors down without sacrificing performance."

IDT's World Class RISC Family

The IDT R3041 RISController is a 32-bit microcontroller which combines the high performance of the popular MIPS RISC R3000® CPU with optimized on-chip caches and programmable bus interface for reduced system cost. The R3041 provides the processing power needed for EchoStar's MPEG-2/DVB digital satellite receiver system functions, including management of the user interface, database maintenance and audio/video synchronization.

The R3041 is part of IDT's high-performance RISC microprocessor family based on the MIPS instruction set. IDT's product offering delivers a wide range of software-compatible price and performance choices, **-more-**



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including twelve 32-bit RISC controllers and the complete family of 64-bit Orion™ microprocessors.

IDT has optimized the designs of its high-performance microprocessors for use in embedded applications such as internetworking, office automation, multimedia, data communications and telecommunications and portable computing products. Superior price/performance, low power consumption and small form factor make the RISC family of microprocessors ideal for portable and hand-held devices.

Packaging, Pricing and Availability

The R3041 is available in 16, 20 and 25MHz frequencies, in 100-pin thin quad flat packages (TQFP) and 84-pin plastic-leaded chip carrier (PLCC) packages. Prices start at \$9.60 in 10,000-piece quantities. The R3041 is also available in a 3.3-volt version, the RV3041.

Electronic Media Program

Information about IDT and its products is easily accessible through IDT's comprehensive electronic media program, which includes free CD-Roms by calling (800) 345-7015, a Home Page on the World Wide Web (<http://www.idt.com>), and fax-on-demand services by calling (800) 9-IDT-FAX. For more information about these services, call (800) 345-7015.

About IDT

Integrated Device Technology, Inc. (IDT) designs, manufactures, and markets CMOS VLSI integrated circuits (ICs) for a range of growth markets, including desktop computer, workstation/server, data communications and office automation. IDT offers products in four key areas: high-speed SRAMs, RISC microprocessors, specialty memories and high-performance logic. The company's product areas are synergistic and provide solutions that optimize the cost and performance of microprocessor-based systems. Headquartered in Santa Clara, Calif., IDT employs approximately 3,875 people worldwide.

About EchoStar

EchoStar Communications Corporation, headquartered in Englewood, Colorado, and its subsidiaries deliver direct-to-home (DTH) satellite television products and services to customers worldwide. The company is a single, convenient source for equipment distribution, sales, installation, and service; consumer financing; and programming distribution; and is widely recognized in the industry for its research and development activities. EchoStar's international operations include sales and service locations in Holland, Spain, Singapore, China, Hong Kong, Indonesia and India.



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