

RECENT IC ANNOUNCEMENTS

PART NUMBER	VENDOR	DESCRIPTION	PRICE/QUANTITY	AVAILABILITY
MICROPROCESSOR				
WARP11	SGS-Thomson 617.259.0300	Fuzzy-logic Weight-Associative Rule Processor (WARP) has 16 inputs and outputs, handles 256 rules, and operates at 40 MHz; in PLCC-68.	\$18.12/5,000	Prod.—Now
INTERFACE				
DB87144	Databook 508.762.9779	Single-chip host interface controller supports CardBus (PCI on PCMCIA) and proposed Zoomed video specification; complies with PCMCIA 2.1.	\$21/1,000	Samples—Now Prod.—2Q96
CL-CD1865	Cirrus Logic 510.226.2140	Eight-channel communications controller has 24 eight-byte FIFOs and improved serial data rates; compatible with CD180 and CD1864.	\$25/1,000	Samples—Now Prod.—2Q96
AD421	Analog Devices 617.937.1428	Loop-powered 16-bit DAC sends 4–20-mA signals to microcontrollers or control devices; with voltage regulator for 3-V, 3.3-V, or 5-V outputs.	\$6.95/1,000	Prod.—Now
MEMORY				
MPC27T416 MPC27T415	Motorola 512.933.7726	Fast synchronous SRAMs for L2 cache subsystems, with 9-, 10-, and 12-ns access times; organized as 16K×16 ('416) or 16K×15 ('415).	\$28.88/10,000	Samples—2Q96 Prod.—3Q96
IDT7281 IDT7282	IDT 800.345.7015	Dual asynchronous FIFOs are housed in small, 56-lead TSSOP packages; with 15-, 20-, and 25-ns access times; 512×9 ('281) or 1K×9 ('282).	\$6.40/5,000	Prod.—Now
HN62W5016	Hitachi 800.285.1601	Burst-mode masked ROM has 16-Mbit capacity and can be configured for either ×16 or ×32 organization; 40-ns access time and 3.3-V supply.	\$9/10,000	Prod.—Now
ISD2560	ISD 408.369.2422	ChipCorder memory IC is designed for voice recording and playback using 256-level voltage format per cell, eliminating external A/D or D/A.	\$13.55/1,000	Prod.—Now
MISCELLANEOUS				
ML4878	Micro Linear 408.433.5200	Backlight chip for liquid-crystal displays reduces external component count and reduces leakage current to extend battery life; in SSOP-14.	\$3.95/1,000	Prod.—Now
LTC1480	Linear Technology 408.432.1900	RS-485 transceiver operates from a single 3.3-V supply while providing 10kV ESD protection; part draws 300 µA supply current; in SO-8 package.	\$2.55/1,000	Prod.—Now
X25045	Xicor 408.432.8888	Microprocessor supervisor for Intel microcontrollers provides reset generation, 512 bytes of EEPROM, and watchdog timer; in SOIC-8 package.	\$1.50/10,000	Prod.—Now
78Q8392L	Silicon Systems 800.624.8999	Transceiver chip for coaxial Ethernet is compliant with Ethernet II standards 802.3, 10BASE5, and 10BASE2; part draws 50 mA while transmitting.	\$2.60/1,000	Prod.—Now
78Q2250	Silicon Systems 800.624.8999	Line transceiver for ATM provides full transmit/receive facility with line-interface and clock-recovery functions at 155.52 Mbits/s over UTP wiring.	\$32/1,000	Prod.—Now
VSC7125	Vitesse 805.388.3700	Integrated Fibre Channel transceiver operates from a single 3.3-V supply while drawing 650 mW at 1.0625 Gbps; in H-GaAs IV process.	\$37/1,000	Prod.—Now
PROGRAMMABLE LOGIC				
MACH111 MACH231	AMD 800.222.9323	Fast CPLDs have guaranteed 5-ns ('111) or 6-ns ('231) maximum pin-to-pin delays; with 32 or 64 macrocells and 44 or 84 pins.	\$17/1,000	Prod.—Now
XC4000EX	Xilinx 408.559.7778	Programmable logic family extends to 125,000 usable gates with selectable RAM cells; parts are PCI compliant and operate at 66 MHz.	\$695/100	Samples—Now Prod.—4Q96