RECENT IC ANNOUNCEMENTS

PART NUMBER	VENDOR	DESCRIPTION	PRICE/QUANTITY	AVAILABILITY
DSP				
STV0300	STM 781.259.0300	Single-chip processor for 8,192-complex-point fast-Fourier transforms is useful for terrestrial digital-video broadcasting; in 100-pin PGA.	$500/500	Prod.—Now
MICROPROCESSOR				
PIC16C505	Microchip 602.786.7668	One-time-programmable microcontroller has 8-bit core, 72 bytes of RAM, 20-MHz clock rate, and 12 I/O pins; in 14-pin package.	$0.49/100,000	Prod.—Now
PIC17C766	Microchip 602.786.7668	Microcontroller has 32K of program memory, 902 bytes of RAM, and 10-bit analog/digital converter; in 80- and 84-pin packages.	$10.52/10,000	Prod.—Now
PIC17C752	Microchip 602.786.7668	Microcontroller has 16K of program memory, 678 bytes of RAM, and 10-bit analog/digital converter; in 64- and 68-pin packages.	$7.89/10,000	Prod.—Now
INTERFACE				
CSP1152A	Lucent 800.372.2447	Analog-to-digital converter for wireless base stations incorporates dither function, improving performance on weak incoming signals.	$35/50,000	Samples—Now Prod.—4Q98
WildWire	Lucent 800.372.2447	Three-chip modem set supports both 56-Kbps V.90 and ADSL connections; autodetects presence of Central Office DSL support.	$69/10,000	Samples—Now Prod.—3Q98
MEMORY				
DiskOnChip 2200	M-Systems 510.413.5950	Nonvolatile memory device emulates a flash disk with TrueFFS drivers, with 2–72 Mbyte capacity; fits in standard 32-pin JEDEC socket. Pricing for 8Mbyte large OEM quantities.	$20/10,000	Prod.—Now
M48T559Y	STM 781.861.2650	Timekeeper nonvolatile SRAM with real-time clock is available in low-profile surface-mount package with detachable battery.	$7.43/1,000	Prod.—Now
CY7C42x1V CY7C42x5V	Cypress 408.943.2600	Line of synchronous 3.3-V FIFOs has up to 1-Mbit capacity, 67-MHz clock rate, and dual-ported memory cells.	$5.15/10,000	Prod.—Now
MISCELLANEOUS				
HCS515	Microchip 602.786.7668	Code-hopping decoder for remote keyless entry systems handles reception and validation of code and learning of new transmitters.	$1.77/10,000	Prod.—Now
SC112	Semtech 805.498.2111	Low-dropout regulator for small devices such as cellular telephones and bar code scanners; typical dropout of 180 mV at 50 mA.	$0.29/10,000	Prod.—Now
PROGRAMMABLE LOGIC				
EPM7256A	Altera 408.544.7000	Device has 256 macrocells, 3.3-V supply, and pin-to-pin speeds as fast as 7.5 ns; with 164 I/O pins in 208-lead PQFP package.	$15.50/25,000	Samples—Now Prod.—4Q98
EPF10K10A	Altera 408.544.7000	Medium-density FLEX device has 10,000 gates, 3.3-V supply, 6,144 bits on-chip RAM, and 576 logic elements; in TQFP-100 package.	$6.50/100,000	Prod.—Now
Ultra37032	Cypress 408.943.2600	Programmable device has 32 macrocells with fixed delay of 5 ns pin-to-pin; family allows pin- and speed-locking for logic changes in same pinout.	$1.25/50,000	Prod.—Now
Ultra37512	Cypress 408.943.2600	Programmable device has 512 macrocells with fixed delay of 7.5 ns pin-to-pin; compatible with remainder of Ultra37000 family.	$49/50,000	Prod.—Now
SYSTEM LOGIC				
ZPSD-711S5-15J	WSI 415.656.5400	Microprocessor support chip includes EPROM, supervisory functions, and programmable logic; consumes 0.8 mA per MHz.	$5.87/10,000	Prod.—Now