

RECENT IC ANNOUNCEMENTS

PART NUMBER	VENDOR	DESCRIPTION	PRICE/QUANTITY	AVAILABILITY
MICROPROCESSOR				
AT90SC3232C	Atmel 408.441.0311	Microcontroller for smart cards has 8-bit AVR core, 32K flash memory, 32K E ² PROM, and 1K of SRAM; with cryptography protection.	\$4.20/100,000	Samples—Now Prod.—1Q99
AT89SC1616A	Atmel 408.441.0311	Microcontroller for smart cards has 16K flash memory, 16K of E ² PROM, and 512 bytes of SRAM; upgrade from AT89SC168A controller.	\$2.80/100,000	Prod.—Now
INTERFACE				
S2045	AMCC 619.450.9333	SONET/SDH section terminator transceiver used for integrating four STS-12/STM-4 data streams into a single STS-48/STM-16 data stream.	\$192/100	Prod.—Now
TLV1570	TI 800.477.8924	Serial 10-bit analog/digital converter takes 1.25 million samples/s at 5 V, or 625 Ksamples/s at 3 V; with eight-channel input multiplexer.	\$3.70/1,000	Prod.—Now
S2060	AMCC 619.450.9333	CMOS transmitter and receiver for Gigabit Ethernet operates at 1.25 Gbit/s and is pin-compatible with bipolar S2052, dissipating 600 mW.	\$11/100	Prod.—Now
S2070 S2075	AMCC 619.450.9333	Fibre Channel transceiver ('70) and bit-stream monitor with repeater ('75) support transmission rate to 1,062 Mbit/s.	\$11.50/100	Prod.—Now
MEMORY				
AT49F512	Atmel 408.441.0311	Flash memory has 512-Kbit capacity, organized as 64K × 8, with 8K boot block and 56K main block; 70-ns access time.	\$2.20/1,000	Prod.—Now
AT49F516	Atmel 408.441.0311	Flash memory has 512-kbit capacity, organized as 32K × 16, with 8K boot block and 56K main block; 70-ns access time.	\$2.50/1,000	Prod.—Now
AT49BV8192A AT49BV008A	Atmel 408.441.0311	Flash memory chips have 8-Mbit capacity, organized as 512K × 16 ('192) or 1M × 8 ('008), with top or bottom boot; 100-ns read time at 2.7 V.	\$9/1,000	Prod.—Now
M27W512	STMicroelectronics	One-time-programmable (OTP) ROM has 80-ns access time, 2.7-V supply voltage, 15- μ A standby current, PLCC or TSOP packages.	\$1.30/10,000	Prod.—Now
MISCELLANEOUS				
SI4132	Silicon Laboratories 512.416.8500	Dual-band RF synthesizer integrates RF PLL to decrease board space; works on 600–1,300-MHz and 1.3–1.6-GHz bands.	\$6.50/10,000	Samples—Now Prod.—1Q99
OV7500	Omnivision 408.733.3030	Color image sensor has NTSC/PAL composite-video encoder; outputs 408 × 492 image at 30 frames/s; needs 5-V supply and timing source.	\$17/10,000	Prod.—Now
OV7000	Omnivision 408.733.3030	Black-and-white image sensor has NTSC/PAL composite-video encoder; outputs 408 × 492 image at 30 frames/s.	\$15/10,000	Prod.—Now
OV7600	Omnivision 408.733.3030	Color image sensor with VGA resolution and A/D converters produces 640 × 480 image, with 8- or 16-bit digital parallel output.	\$17/10,000	Prod.—Now
MCRF250	Microchip 602.786.7286	Radio-frequency identification chip has anticollision detection for passive 125-kHz RDIF applications; reader can interrogate 10 tags in same field.	\$0.35/10,000	Prod.—Now
SYSTEM LOGIC				
ZPSD813F1V	WSI 510.657.8495	Support chip provides 128K of flash memory, 32K of E ² PROM, 2K of SRAM, and 3,000 gates of programmable logic with MCU interface.	\$8.95/25,000	Prod.—Now