

## Recent IC Announcements

Part Number	Vendor	Description	Price/Quantity	Availability
<b>Embedded Microprocessors</b>				
$\mu$ PD7821x	NEC	New members of the 8-bit K2-series microcontroller family (see $\mu$ PR 6/20/90). All chips have 1K RAM. '217A and '237 are ROMless. '218A and '238 have 32K ROM. 'P238 has 32K of EPROM.	\$10/10K	Prod.—Now
$\mu$ PD7823x	415/965-6094		('238)	
$\mu$ PD782P238			('P238, OTP)	
68HC05K0	Motorola	New members of the low-end 8-bit 68HC05 microcontroller family. 'K0 has 32 bytes RAM, 504 bytes ROM. 'K1 adds 64 bits EPROM. '705K1 is an OTP ROM version of the 'K1.	\$1/50K ('K0)	Samples—Now
68HC05K1	512/891-2035		\$1.50/50K ('K1)	('705K1)
68HC705K1			\$2.50/50K ('705K1)	Prod.—2H92 ('K0, 'K1)
PIC16C5x-LP	Microchip	Low-power versions of existing low-end 8-bit microcontrollers (see $\mu$ PR 12/89 p. 20).	\$2.69/1K ('54)	Prod.—Now
	602/963-7373		\$3.83/1K ('57)	
<b>Memory</b>				
27HB010	AMD	128K $\times$ 8 EPROM with burst-mode access. Random access speeds are 50, 55, 70, and 90 ns; burst-mode speeds of 15, 15, 20, and 30 ns.	\$21.45/100 (50 ns)	Prod.—Now
	408/749-5703		\$11/100 (90 ns)	
TMS44460	TI	1M $\times$ 4 DRAM with four CAS lines intended for use as parity RAM on 1M $\times$ 36 DRAM modules. Speeds are 60, 70, 80, and 100 ns.	\$25.25/1K	Prod.—Now
	214/995-6611 x3990		(60 ns)	
MK4202	SGS-Thomson	Faster versions of existing cache tag RAMs. '202 is 2K $\times$ 20, 17 ns. '80 is 4K $\times$ 4, 10 ns.	\$40/1K ('202)	Prod.—Now
MK41S80	602/867-6100		\$17.50/1K ('80)	
<b>Peripheral Chips</b>				
IMS G010	SGS-Thomson	Bus interface chip for using existing XGA graphics Micro Channel chip set (IMS190 and IMS200) on the AT bus.	\$10/5K ('010)	Samples—Now
	214/466-7024		\$99.85/5K ('190 + '200)	
65520	Chips and Tech.	VGA controller ('520) and clock chip ('404) for flat-panel displays. Operates from 3.3 to 5 volts.	\$40/1K ('520)	Samples—Now
82C404	408/434-0600		\$5/1K ('404)	
G-TAXIchip chip set	Vitesse	Four-chip GaAs version of AMD's TAXIchip for ANSI X3T9.3 Fibre Channel serial communications. Speeds up to 1.25 Gbit/sec.	\$603/1K	Prod.—Now
SC26C460	Philips-Signetics	I/O processor for use with 80x86 processors. Supports 8- and 16-bit transfers independently of the host.	\$18.50/1K	Samples—Now
	408/991-2000		Prod.—1Q92	
32C4651	Silicon Systems	EISA-compatible hard-disk controller. Replacement for Cirrus Logic's SH260 and SH265.	\$7.50/10K	Samples—Now
	800/624-8999 x151			Prod.—2Q92
<b>Programmable Logic</b>				
EPM7032	Altera	First two devices in MAX 7000 family of PLDs. '7032 has 32 macrocells, 44 pins, and is based on an EEPROM technology. '7256 has 256 macrocells, 192 pins, and is based on EPROM technology.	\$14.75/100	Prod.—Now
EPM7256	408/984-2800		('7032, plastic)	
			\$395/samples ('7256, windowed)	
PALCE16V8	AMD	Faster versions of popular PLDs. '16V8 is 7.5 ns; '22V10 is 10 ns.	\$5.25/100 ('16V8)	Prod.—Now
PALCE22V10	408/749-5703		\$14.60 ('22V10)	
85C22V10	Intel	Superset of popular 22V10 PLD. Additional features are programmable clock inversion and additional feedback configurations. Speeds are 10 and 15 ns.	\$9.50/1K (10 ns)	Prod.—Now
	800/548-4725		\$4.75/1K (15 ns)	
<b>Interface</b>				
SN75LBC176	TI	BiCMOS RS-485 transceiver.	\$1.57/1K	Prod.—Now
	214/995-6611 x3990			
TLC1550	TI	10-bit A/D converter. Conversion time is 6 $\mu$ s using the on-chip clock, 3 $\mu$ s using an external clock.	\$6.27/1K ('1550)	Prod.—Now
TLC1551	214/995-6611 x3990		\$4.87/1K ('1551)	
SAA7350	Philips-Signetics	20-bit serial DAC ('7350) and one-bit PDM DAC. THD+noise is 0.0006%.	\$26/100	Prod.—Now
TDA1547	408/991-2111		('7350)	