

## Recent IC Announcements

Part Number	Vendor	Description	Price/Quantity	Availability
<b>General-Purpose Microprocessors</b>				
VR4400	NEC 800/366-9782	MIPS-family 64-bit RISC chip. 5V is sampling now at >50 MHz; 3.3V parts at 75 MHz expected later this quarter.	\$1450/samples (VR4400PC)	Samples—Now
<b>Embedded Microprocessors</b>				
8xC575	Philips-Signetics 408/991-5207	80C51-based microcontroller optimized for low EMI/RFI in the FM band. Includes 256 bytes RAM and 8K ROM (83C575), 8K EPROM (87C575), or ROM-less (80C575). Speed is 16 MHz.	\$4/10K (83C575)	Prod.—Now
<b>Memory</b>				
TMS55160	TI 800/477-8924	256K × 16 VRAM. Speeds are 70 and 80 ns random-access, 20 and 25 ns serial access.	\$38/1K (70 ns)	Prod.—Now
93LCS56 93LCS66	Microchip 602/786-7200	2K ('56) and 4K ('66) serial EEPROMs for operation from 2V to 6V. Includes write-protect, to insure against accidental erasure.	\$1.59/100 ( '66)	Prod.—Now
DS1650	Dallas Semi. 214/450-0448	512K × 8 nonvolatile SRAM (built-in battery retention), with write-protect for each 32K block. Speeds are 70, 85, 100, and 150 ns.	\$323.10/1K (150 ns)	Prod.—Now
<b>Peripheral Chips</b>				
Bt812	Brooktree 619/452-7580	Video decoder for converting NTSC or PAL composite video to digital RGB or HSL at rates up to 16.5 Mpixels/s.	\$44/5K	Samples—2/93 Prod.—6/93
Bt885	Brooktree 619/452-7580	RAMDAC with live digital-video-feed overlay capability. Speed up to 135 MHz. 4 or 8 bits per pixel, mapped to 15-, 16-, or 24-bit RGB.	\$42.65/100	Samples—2/93 Prod.—6/93
<b>Interface</b>				
LMX1xx1 LMX23xx	National 800/272-9959	Phased locked loops for RF communications at frequencies up to 2.5 GHz at 2.7V to 5.5V.	\$4.25/1K (LMX1501AM)	Prod.—Now
VP14335 VP14574	VLSI Tech. 408/434-7816	Second-source of Crystal Semiconductor's CS61535A and CS61574A T1/E1 line interface unit chip set.	\$9.70/10K	Prod.—Now
Z2120 Z2130 Z3340	Zilog 408/370-8000	Spread-spectrum communications chip set licensed from Stanford Telecom, comprising DPSK demodulator ('20), digital downconverter ('30), and dual matched filter ('40).	\$101/1K	Prod.—Now