Five New Keyboards From Datanetics Will Feature MSI

REDONDO BEACH, Calif. – A line of five standard low-profile, MSI encoded keyboards, for communications and data entry terminals, has been announced by Datanetics Corp.

Designated the DC Series, the keyboards incorporate the elastic diaphragm switch concept, and are offered in 13 in. and 15 in. frame, 49 to 71-key models for dual and tri-mode operation.

Features incorporated in these models are: two-key rollover, double-shot molded keys, electronic or mechanical shift lock, stepped or sloped keyboards, and fully-buffered outputs.

TTL/DTL compatible MSI encoding circuitry provides up to 8-bit (+parity) encoded output.

Interface to existing equipment is accomplished through a single standard card edge termination. These models are designed to be directly interchangeable with currently available conventional keyboards.

All keyboards are said to have low power requirements – +5 Vdc ± 10%, at 250 mA max. Key operating force is 3 ± 1/2 oz, with a stroke of 0.187 in. ± 0.015 in.; key life is rated at more than 100,000,000 operations. Operating temperature range is 30°F to 125°F.

Prices for the 13-in. frame models range from $150 to $160, in lots of 100. The 15-in. models sell for $175 to $190, also in quantities of 100. All models are currently available two weeks ARO.

Datanetics Corporation is at 2828 Spreckels Lane.

Honeywell CCD Set To Offer Memories In 60 Core Varieties

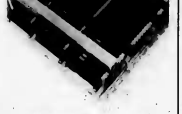
FRAMINGHAM, Mass. – Honeywell Inc.'s Computer Control Division (CCD) has introduced a modular IC core memory system that can be altered to produce 60 different configurations.

The ICM-161 system can be expanded or reconfigured at the installation site, CDC said. Available in 4K word sizes up to 16K word capacity, its word lengths come in 8, 12, and 16-bit formats.

The basic system is organized for random access addressing and operates on a full cycle time of 1.6 µsec with a 650-nsec access time for read/regenerate and clear/write operations. Other addressing modes available include random sequential and sequential interlace.

Large capacity configurations are priced at 3 cent/bit if purchased in quantity. Delivery schedule for the ICM-161 is 30 days. Shipments will begin immediately.

Honeywell Computer Control Division is at Old Connecticut Path.



Computer Control's New ICM-161

New OEM Products

NAR Announces a First

ANAHEIM, Calif. – A 1024-bit, four-phase, dynamic shift register is the first "standard" MOS/LSI device available from the new North American Rockwell Microelectronics Co.

Employing P-channel enhancement mode transistors, the unit features power dissipation rate of under 0.15 mW/bit at 1 MHz and a frequency range from 10kHz to 1 MHz. It has two protected inputs for a delay of 1023 or 1024 bits with a push/pull dc output.

Standard configurations carry a price tag of less than one cent per bit in quantities above 50,000 and standard devices can be customized for various bit lengths, NAR said.

The firm is located at 3430 Mirolama Ave.

Analog Adds Converter

CAMBRIDGE, Mass. – Analog Devices, Inc. claims its new Model ADC-12Q successive approximation 12-bit analog-to-digital converter is applicable to data acquisition, digital communications, digital recording, on-line digital control, simulation and similar uses.

The unit is based on a uDAC monolithic IC quad switch and thin film resistor components, AD said. The unit has 12 bit resolution, 0.0125% relative accuracy (including buffer amplifier and comparator errors), 20 µsec conversion time and an operating temperature range of -55°C to 125°C.

Digital outputs from the unit are TTL compatible and include such codes as binary, BCD, two's complement, and offset binary. The ADC-12Q is priced at $305 in units or $244 in 100 unit lots.

Analog devices is at 221 Fifth St.

Oppenheimer Displays Readout

WILLOW GROVE, Pa. – A new alpha-numeric readout display from Oppenheimer Inc. features miniature size (character 0.40 in. by 0.40 in.; 500 foot lamberts average brightness at 5 Vdc, front relamping, and a choice of colors and filters.

The Opcalite display is relampable from the front of the unit and the readouts can be mounted side by side on 0.675 in. centers. A decoder/driver board is available that uses a 5 bit binary coded signal at TTL logic levels.

Oppenheimer is at 2475 Wyandotte Rd.