**R&D COMPUTER SYSTEMS**

Data Acquisition & Control Systems
16 to 256 ch.; Programmable gain; Voltage or current output;
12, 14, or 16 bit; 30 to 125 KHz; Stepping motor control

**8086 16 Bit Micro Systems**
31 MByte Winchester Drives
256 KByte Memory Boards
8086 Software

Real Time Video Digitization Systems

**S-100 Boards**

16 Kilobyte Static RAM
8 and 16 bit transfer

8086 CPU with Vectored Interrupts

PROM and I/O
2 RS 232 - PIO
CP/M-86 ROM Boot

Analog to Digital Converter
and Timer/Counter
16 channels expandable to 256
12, 14, or 16 bit accuracy
30, 40, 100, or 125 KHz
Programmable Gain

Expansion Multiplexer

Digital to Analog Converter
4 channels - 12 bit accuracy
3 microsecond conversion rate

Analog to Digital Converter
16 channels - 12 bit accuracy
30 KHz Conversion rate

Real Time Video Digitizer and Display

Digital to Analog Companion
4-20 mA output - Filters

Apple Boards

Analog to Digital Converter
16 channels
12, 14, or 16 bit accuracy
30, 40, 100, or 125 KHz

Digital to Analog Companion
4-20 mA output - Filters

Digital to Analog Converter
2 channels - 12 bit accuracy
3 microsecond conversion rate
1 parallel output port

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Reader Service Number 3