zilog® *Embedded in Life*

Product Number: Z8038018FSG

Integrated High-Performance Microprocessor

The Z380 MPU is an integrated high-performance microprocessor with fast and efficient throughput and increased memory addressing capabilities.

    16-Bit MPU
    Internal 32-Bit Data Paths and ALU
    2 Clocks/Cycle Instruction Execution
    Up to 4 GB of Linear Addressing
    Enhanced Instruction Set
    4 Banks of On-Chip Register Files
    Object-Code Compatible with Z80/Z180 Microprocessors
    Up to 6 Programmable Memory Chip Selects
    3.3 V (@ 10 MHz) and 5 V (@ 18 MHz) Versions