SYSTEM MEMORY CACHE ON MICROPROCESSORS
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Abstract:
In this writing assignment is discussed about the system cache memory on the
microcomputer system with memoı cache on the microprocessor that is useful to
speed up computer performance. type of cache used is of type M-way set-associative
caches on microprocessors is a Two-way associative cache. Suitable for this type of
cache operations multiprosesing because relatively inexpensive and simple.
Microprocessor has a separate cache memory data cache, for data and code for
instruction cache.

The cache memory itself is a technique to improve overall system performance by
combining a small random access memory with a large conventional RAM (which is
slower but cheaper), so that would be obtained by high-speed memory that a large
capacity with relatively cheap price.

Bibliography: 12 (1990 - 1995)