

METHOD OF LAYERING CACHE AND ARCHITECTURAL SPECIFIC FUNCTIONS
TO EXPEDITE MULTIPLE DESIGNS

ABSTRACT

Cache and architectural specific functions within a cache controller (202) are layered and provided with generic interfaces (220-230), isolating the complexities of each and allowing the overall functionality to be further divided into distinct, largely autonomous functional units. Each functional unit handles a certain type of operation and may be easily replicated or removed from the design to provide a number of cache designs with varied price and performance.

Fig. 2



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