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# Are ghiplets the next evolution stage in GPU designs?

By Majeed Ahmad, EDN (April 1, 2024)

When GPUs are implemented in a chiplet arrangement, can they be called ghiplets?

Semiconductor industry professional Chetan Arvind Patil thinks so. In his blog "[The Rise of Semiconductor Ghiplet](#)", Patil outlines the benefits of GPUs in chiplet architectures compared to monolithic GPU designs currently struggling with lower yield rates for large and complex GPU devices.

In other words, all the rendering is handled by chiplets instead of a big-compute GPU. Take the case of AMD's Radeon RX 7000 series, one of the first chiplet-based GPUs, which incorporates a large graphics die and several memory dies. The Silicon Valley-based semiconductor firm is now considering using even

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