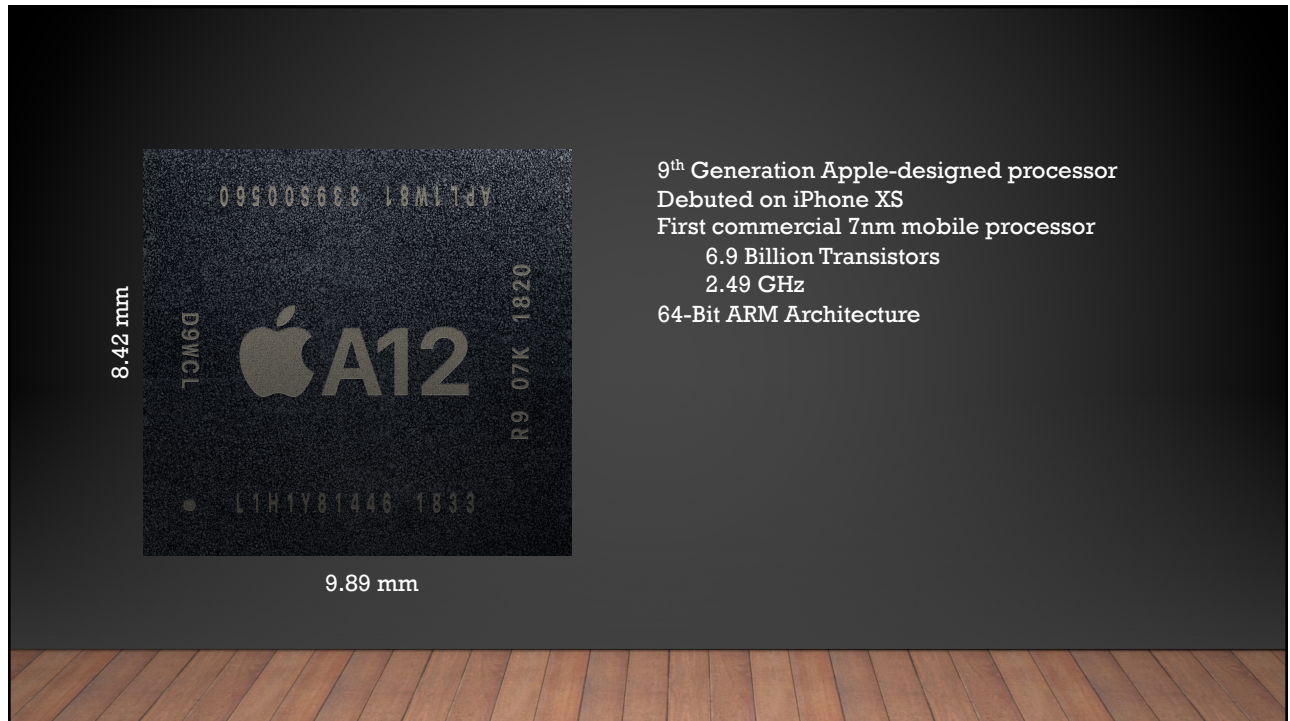
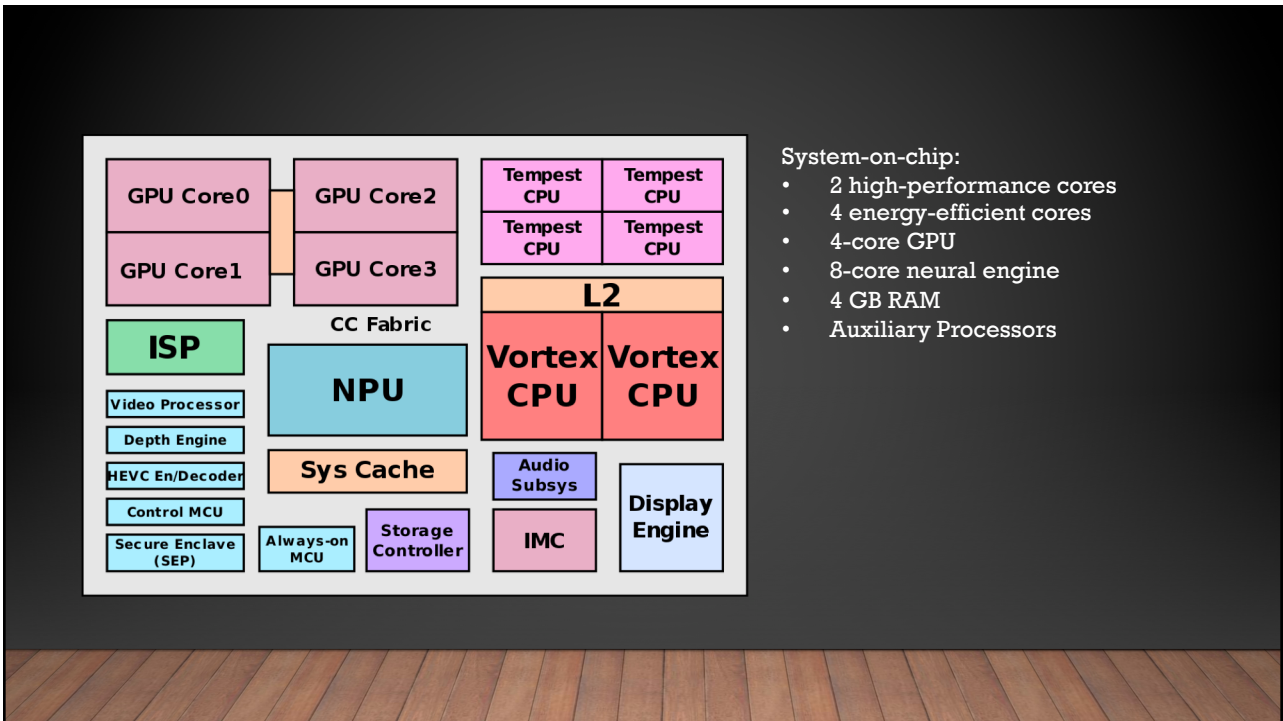
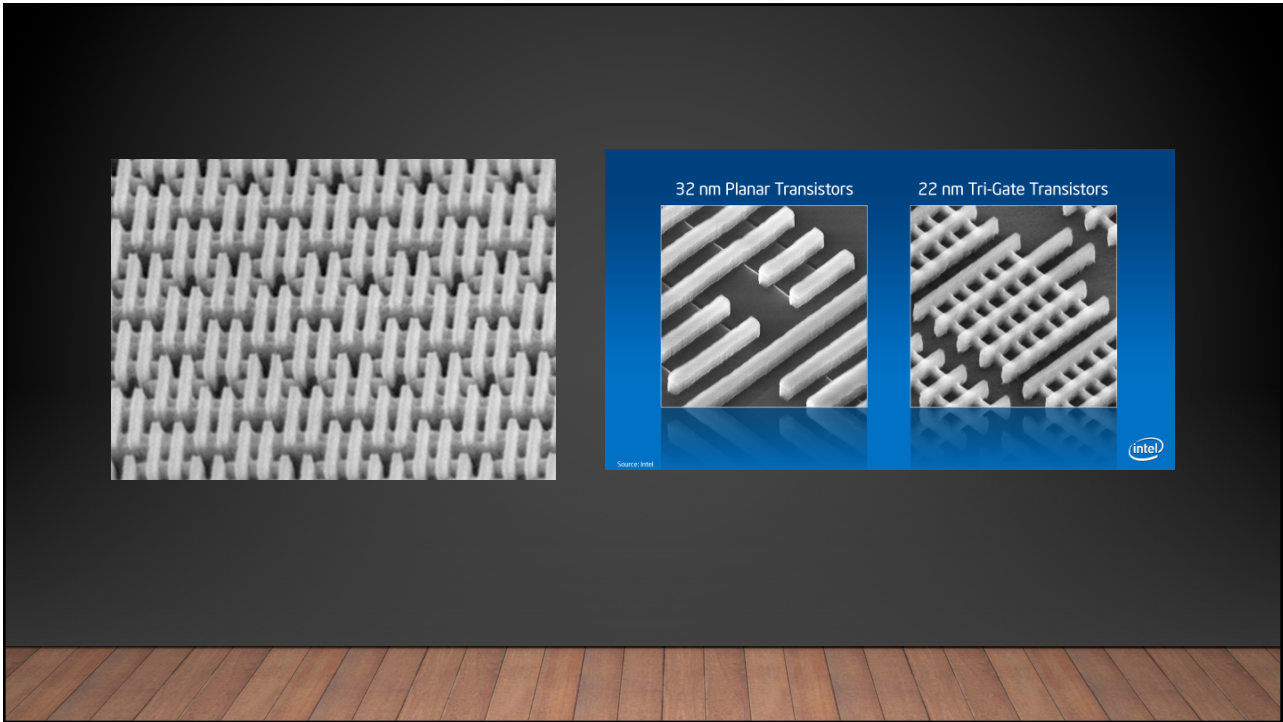
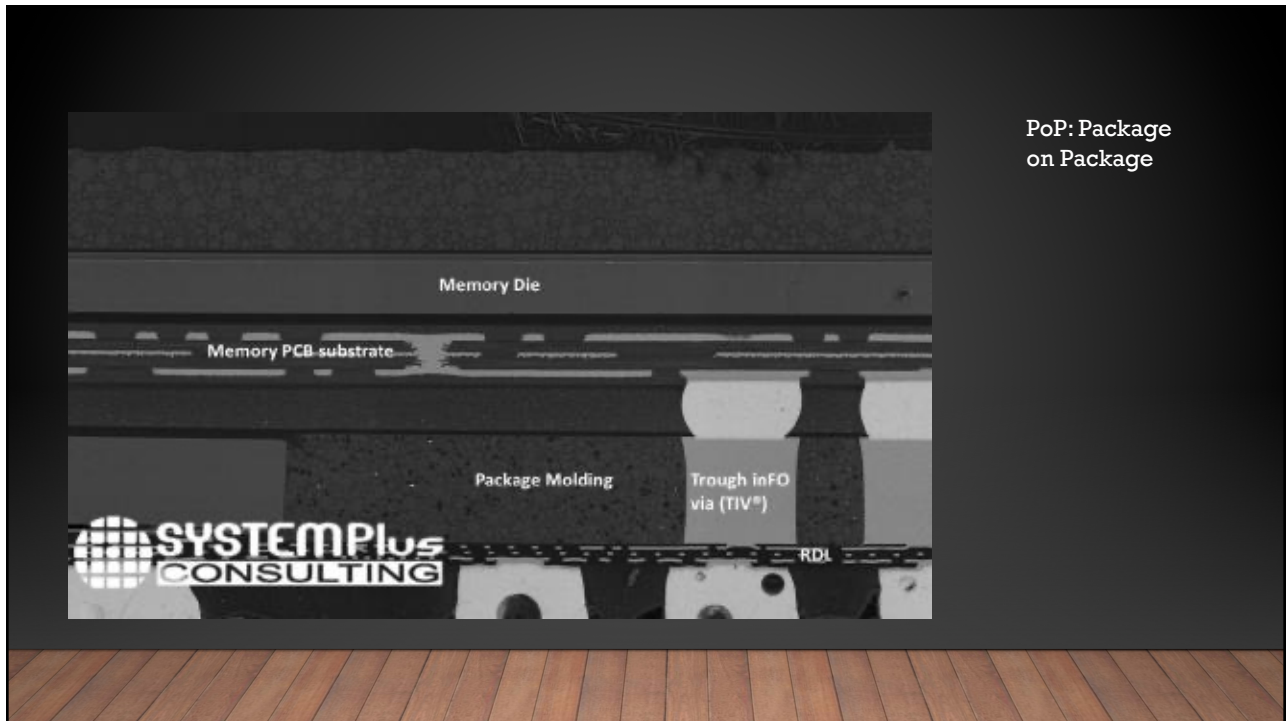
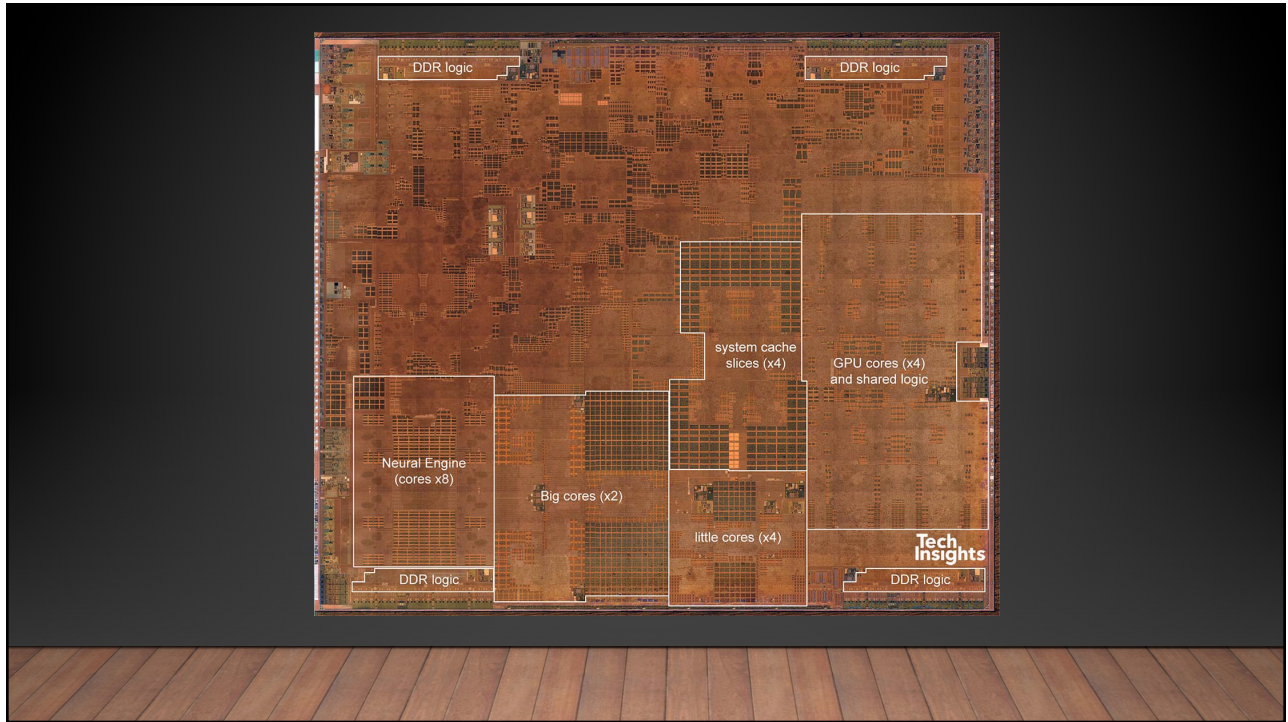


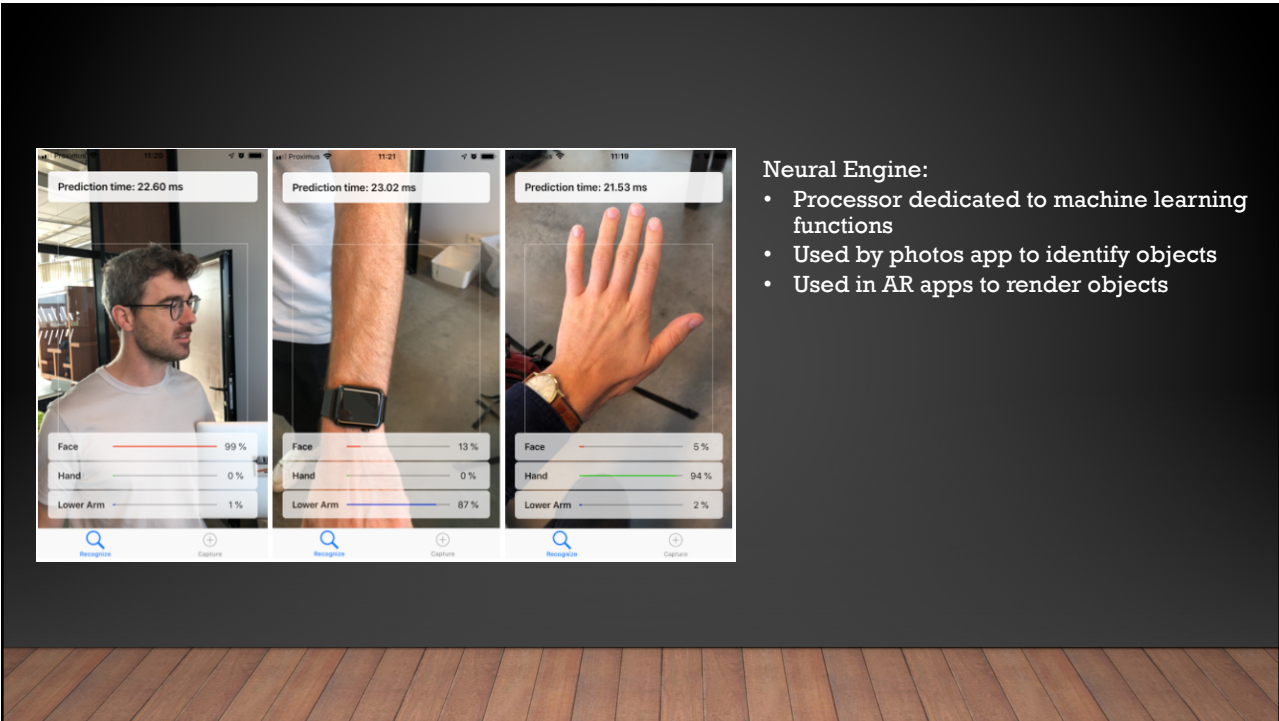
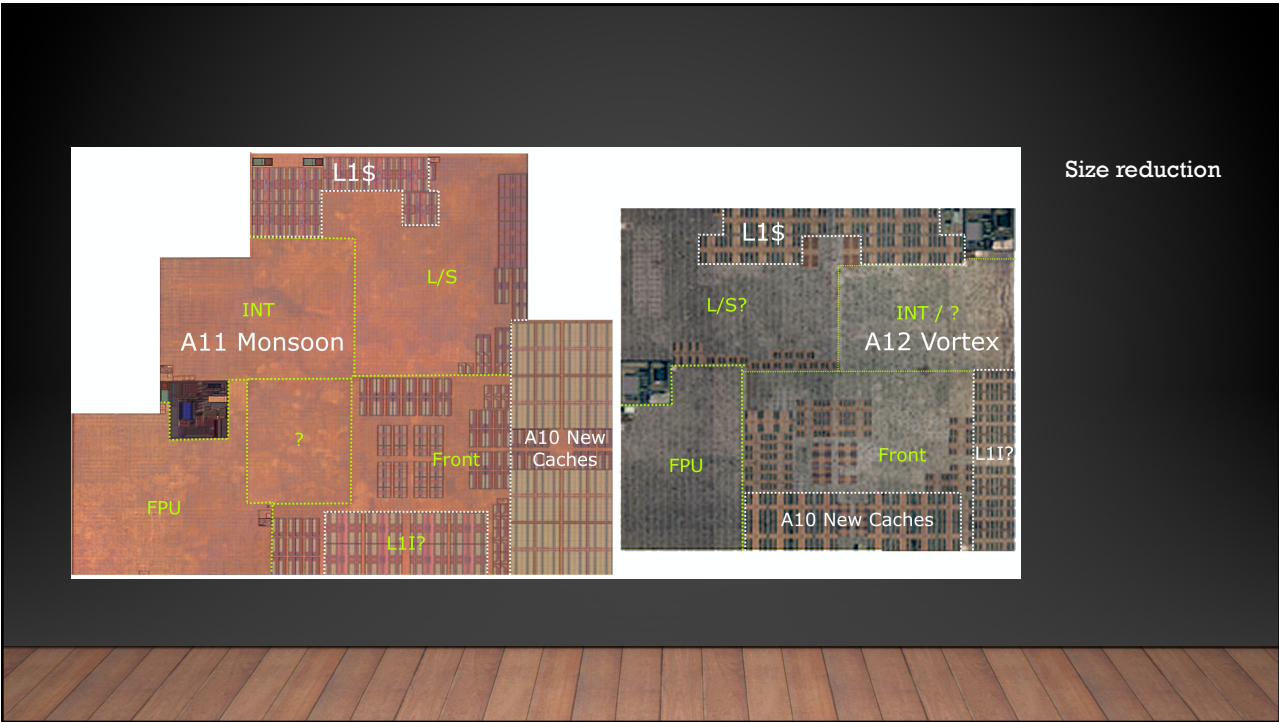
APPLE A12 PROCESSOR

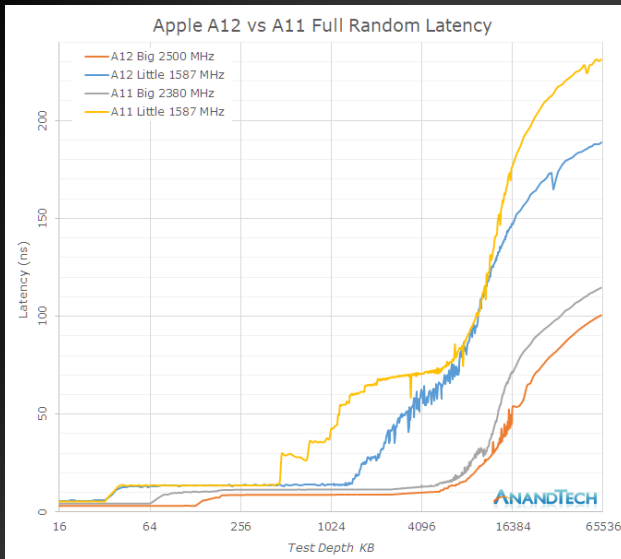
ANDREW NASCIMENTO









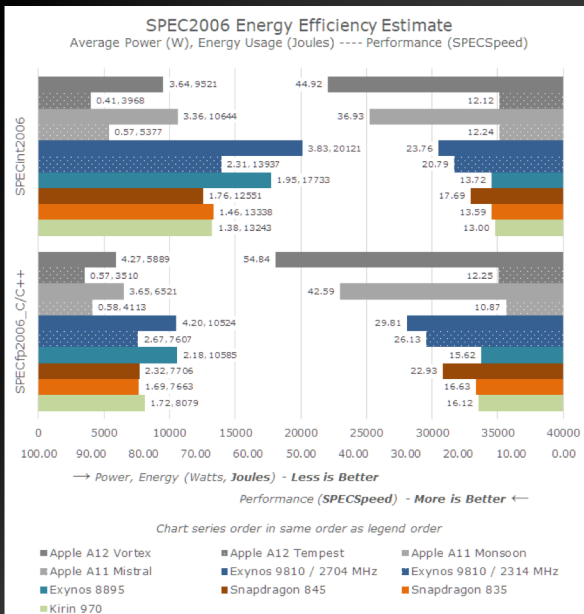


Vortex:

- Increased clock speed, decreased memory latency

Tempest

- Reduced clock speed, twice the power efficiency



Vortex:

- Increased clock speed, decreased memory latency

Tempest

- Reduced clock speed, twice the power efficiency

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