

# The ARM Architecture

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## Agenda

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- Introduction to ARM Ltd
  - ARM Architecture/Programmers Model
  - Data Path and Pipelines
  - AMBA
  - Development Tools

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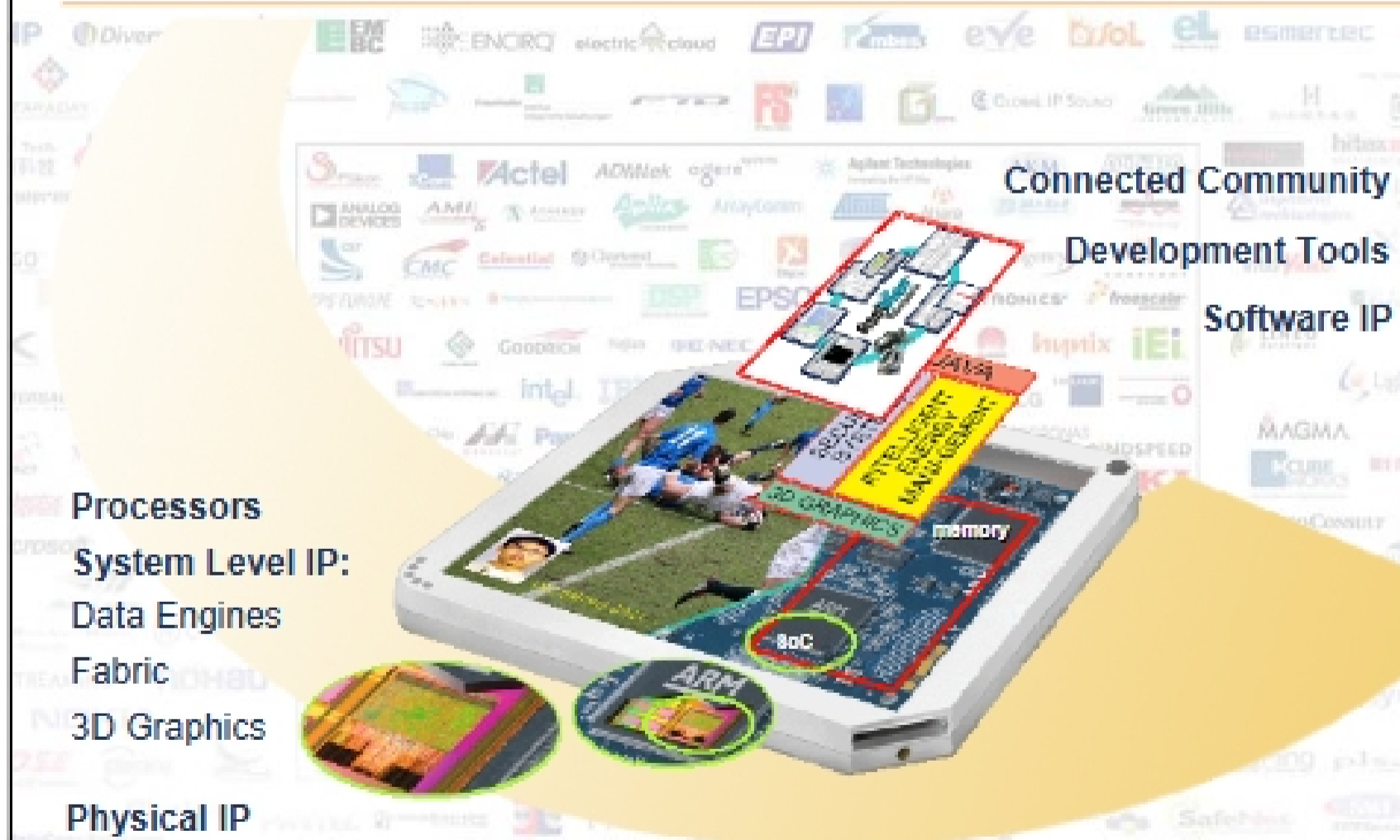
2 **ARM**

# ARM Ltd

- Founded in November 1990
  - Spun out of Acorn Computers
- Designs the ARM range of RISC processor cores
- Licenses ARM core designs to semiconductor partners who fabricate and sell to their customers.
  - **ARM does not fabricate silicon itself**
- Also develop technologies to assist with the design-in of the ARM architecture
  - Software tools, boards, debug hardware, application software, bus architectures, peripherals etc



# ARM's Activities



# ARM Partnership Model



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# ARM Powered Products



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