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In embedded systems design, there is no single language that is the perfect solution for every system. Programming language standards, and what they introduce into an embedded systems architecture, are used as an example in this section, because a programming language can introduce an additional component into an embedded architecture. In addition, embedded systems software is inherently based on one or some combination of multiple languages. The examples discussed in-depth in this section ...

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This hardware based embedded design requires detailed knowledge of digital circuit design and computer architecture. Like microcontrollers are programmed using Assembly Language

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