Introduction to PSoCs
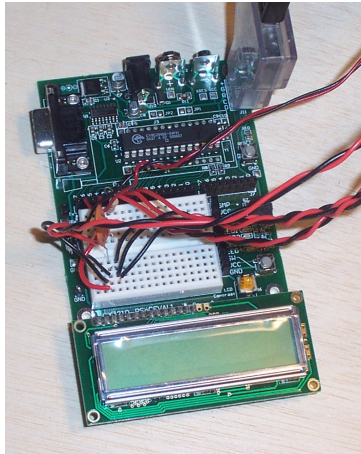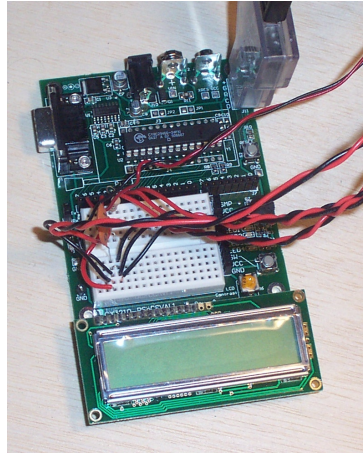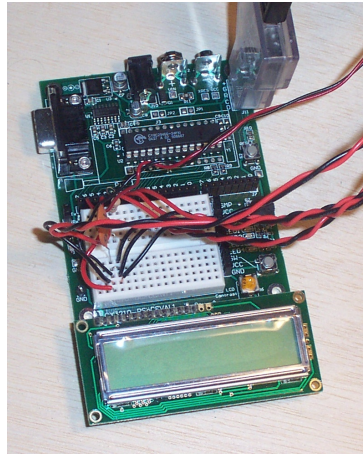
- Micro-controller

What is a PSoC?

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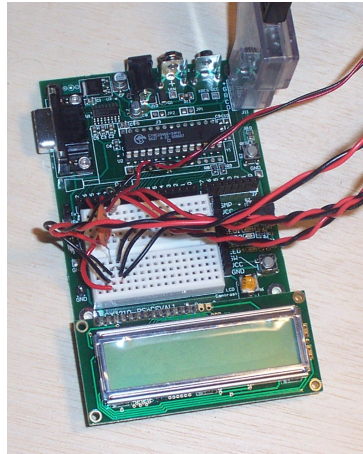- programmable in C or assembly

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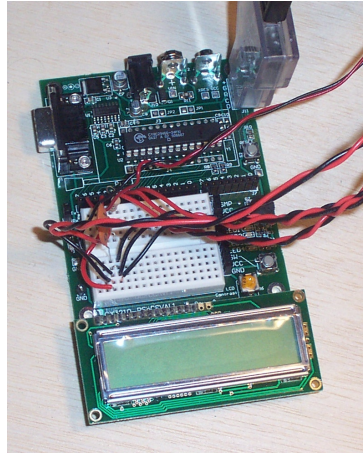- programmable in C or assembly
- 24 MHz

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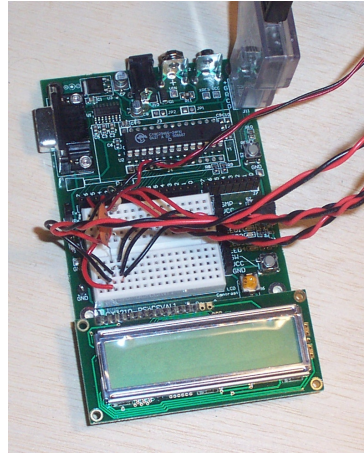- programmable in C or assembly
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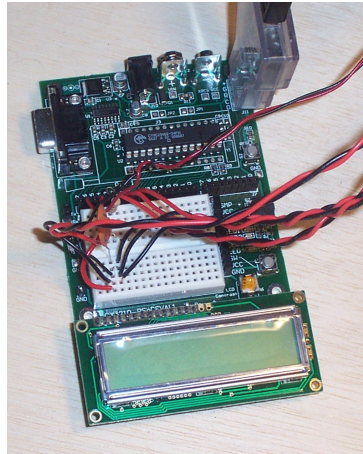- 32 kB Flash ROM
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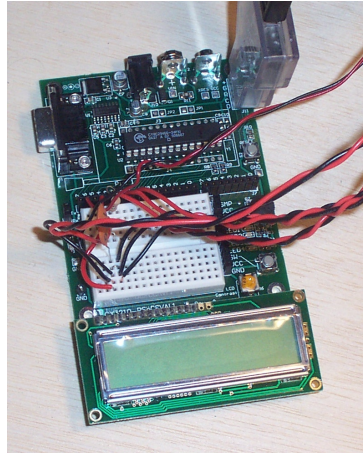- 2 kB SRAM
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- programmable in C or assembly
- 24 MHz
- 32 kB Flash ROM
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- connection pins
- Cost: < $10 (chip)

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- Micro-controller
- programmable in C or assembly
- 24 MHz
- 32 kB Flash ROM
- 2 kB SRAM
- connection pins
- Cost: $< \$10$ (chip)
- $130 for the eval board w/chip

- cheap

- cheap
- small

Why micro-controllers?

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- put them in anything

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- put them in anything
- $12 billion/year industry