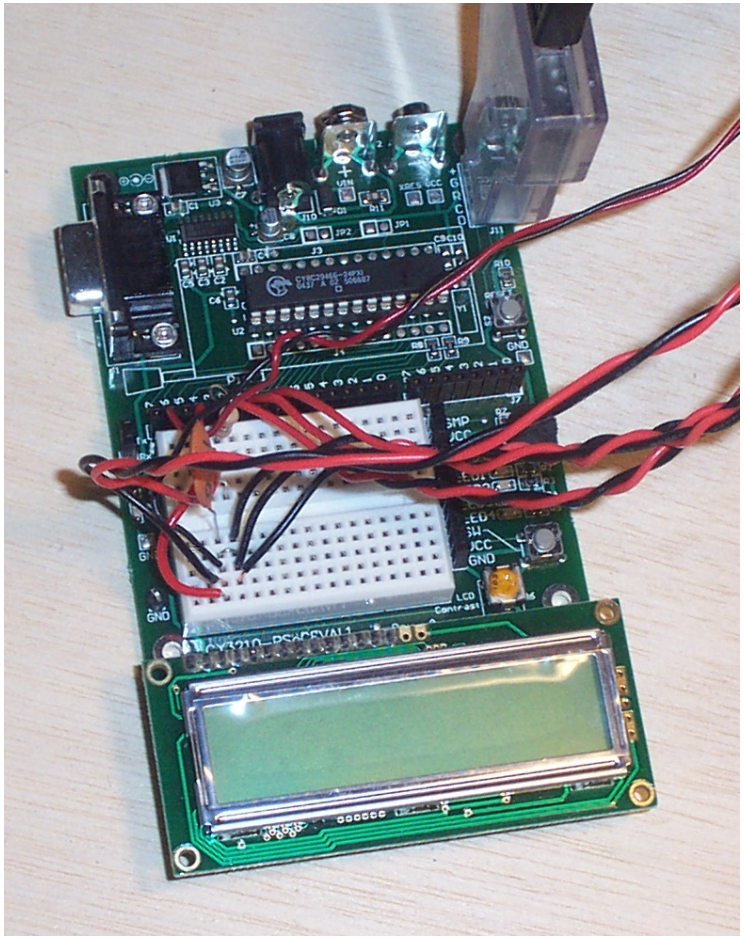
Introduction to PSoCs

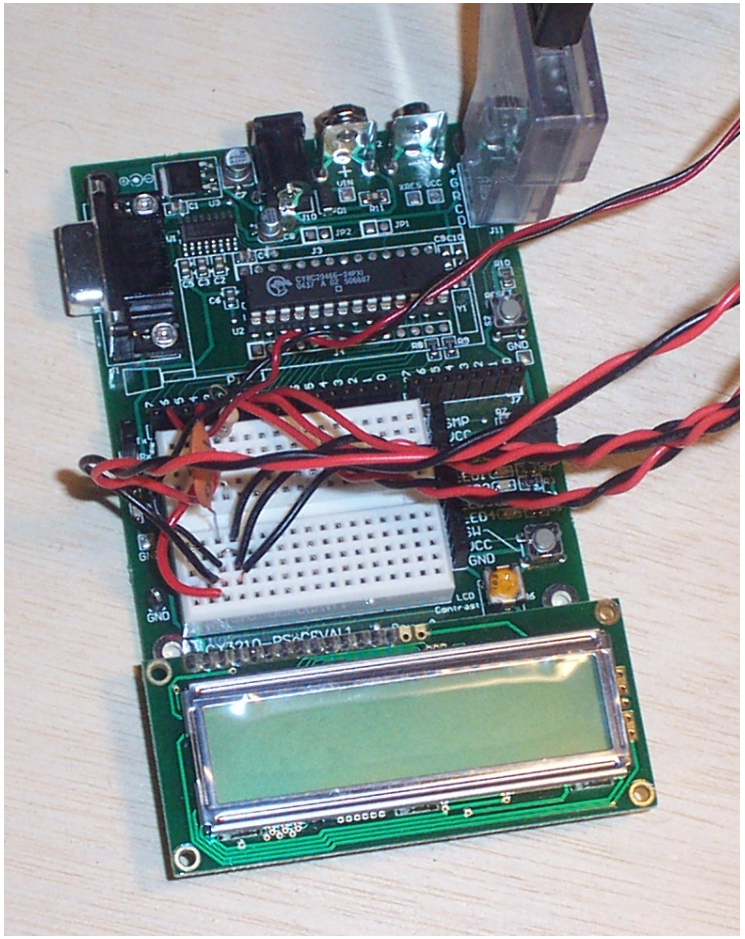
What is a PSoC?

- Micro-controller



What is a PSoC?

- Micro-controller
- programmable in C or assembly



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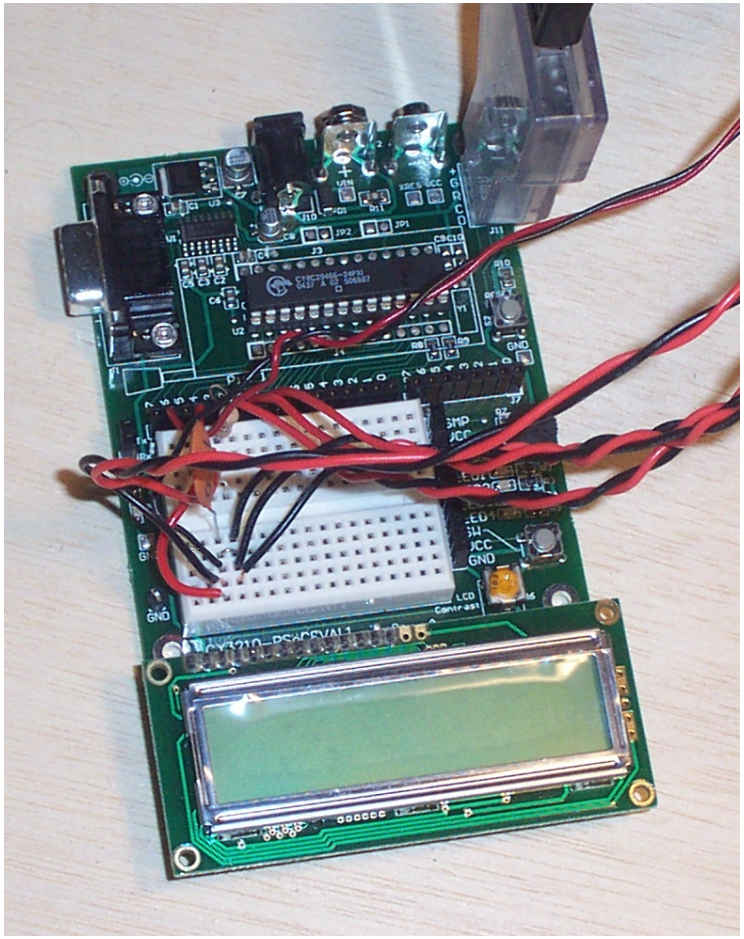
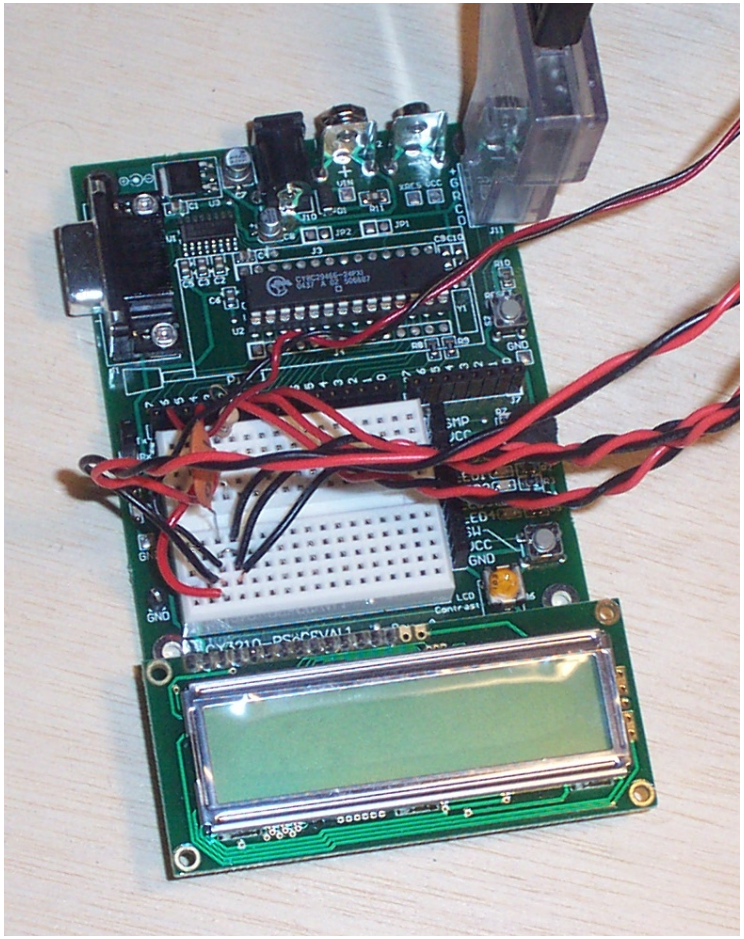
- 24 MHz



What is a PSoC?

- Micro-controller
- programmable in C or assembly
- 24 MHz
- 32 kB Flash ROM



What is a PSoC?

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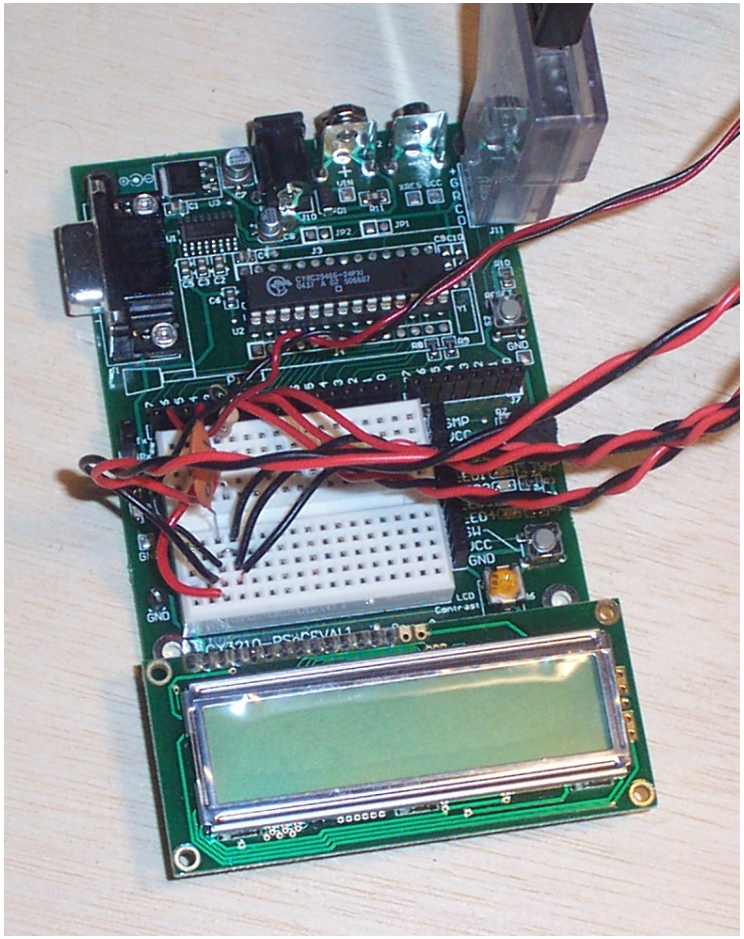
- programmable in C or assembly
- 24 MHz
- 32 kB Flash ROM
- 2 kB SRAM



What is a PSoC?

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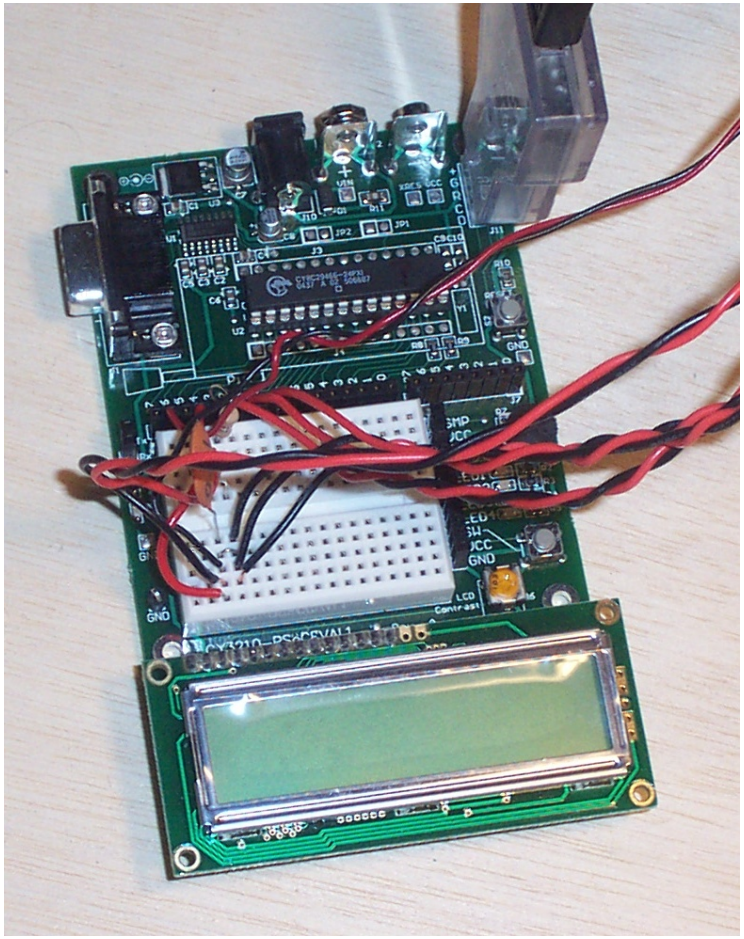
- programmable in C or assembly
- 24 MHz
- 32 kB Flash ROM
- 2 kB SRAM
- connection pins



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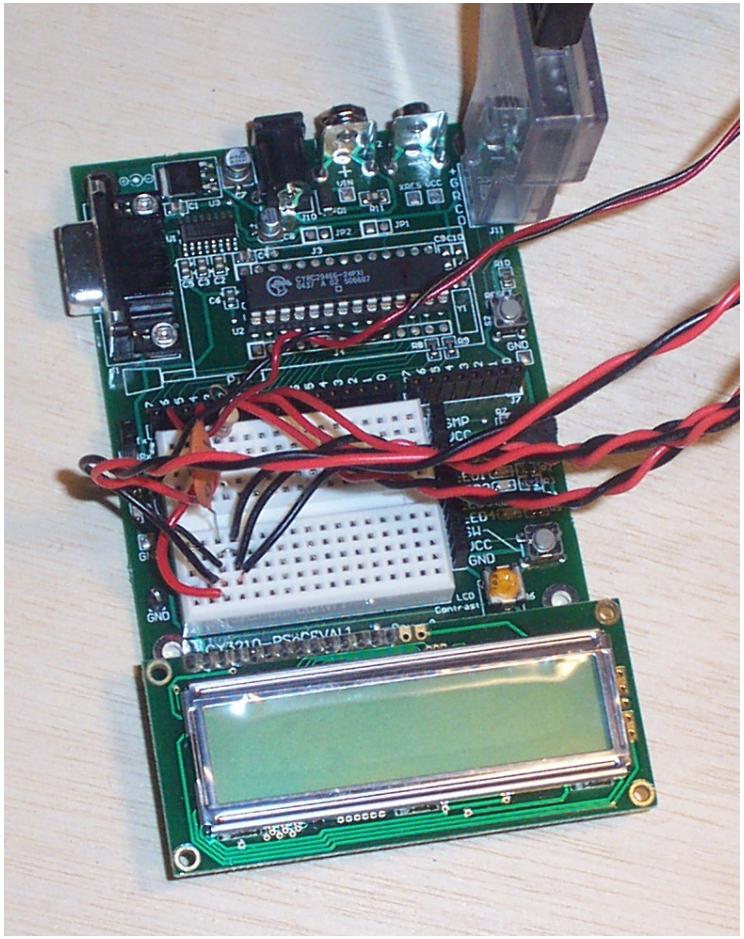
- 24 MHz
- 32 kB Flash ROM
- 2 kB SRAM
- connection pins
- Cost: $< \$10$ (chip)



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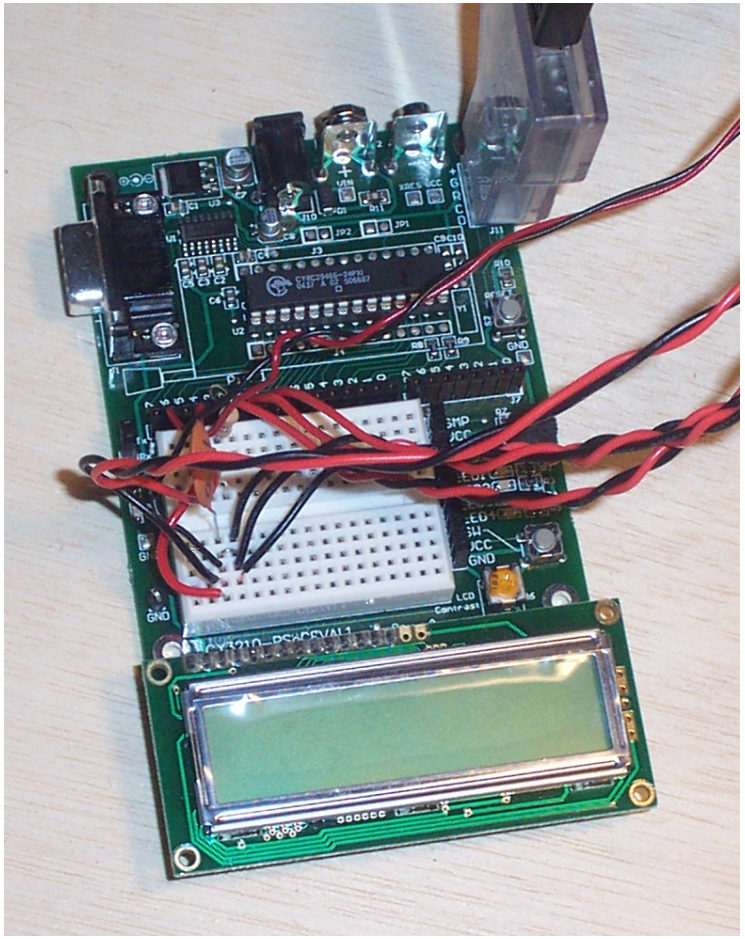
- Micro-controller
- programmable in C or assembly
- 24 MHz
- 32 kB Flash ROM
- 2 kB SRAM
- connection pins
- Cost: $< \$10$ (chip)
- $130 for the eval board w/chip



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