

Embedded Systems

Definitions?

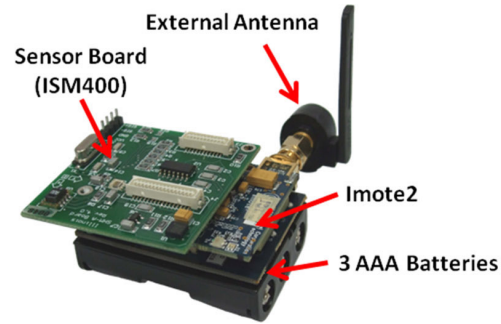
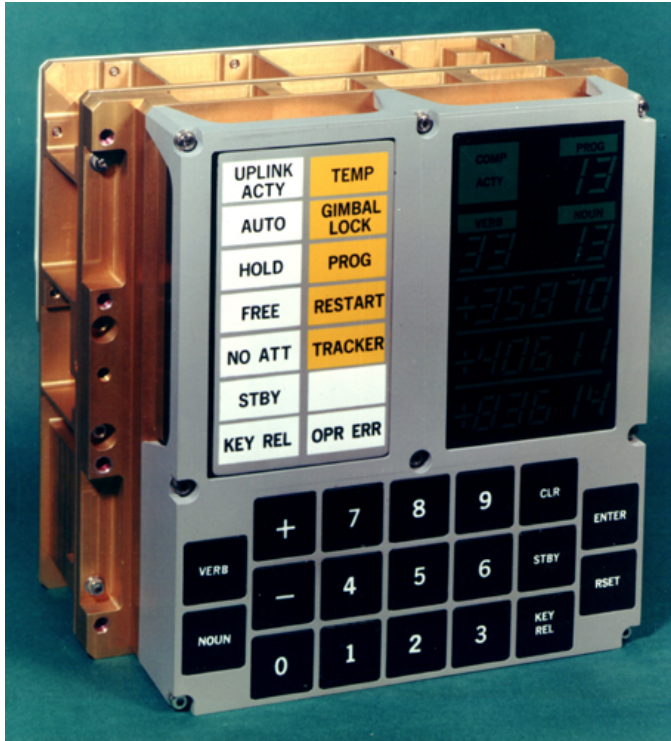
An embedded system is generally a **computational system** that has a **dedicated function**, has **real time constraints**, and is **deployed**.

Which one is an embedded system?

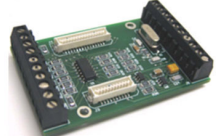


*** Accepted Answers: Both, neither, either**

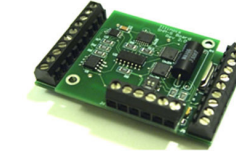
More traditional embedded systems



High Sensitivity Acceleration (SHM-H) board



Data Acquisition (SHM-DAQ) board

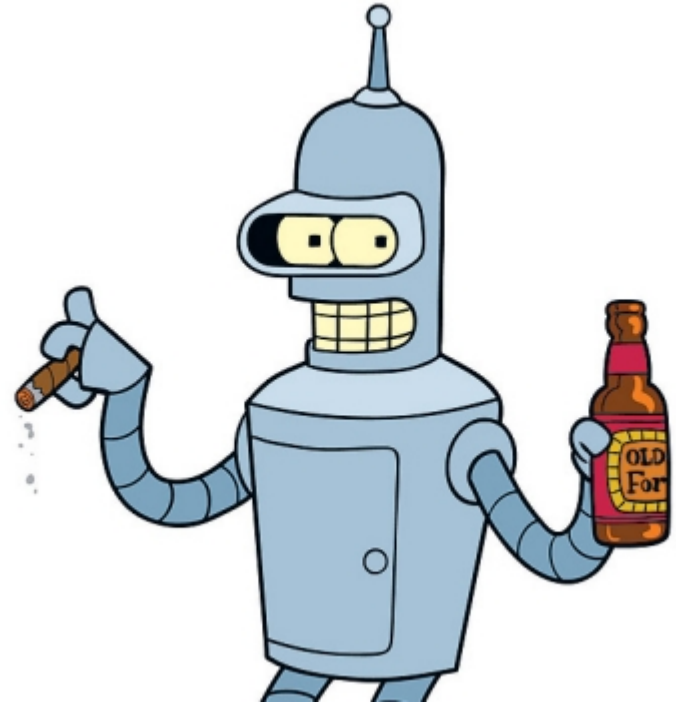
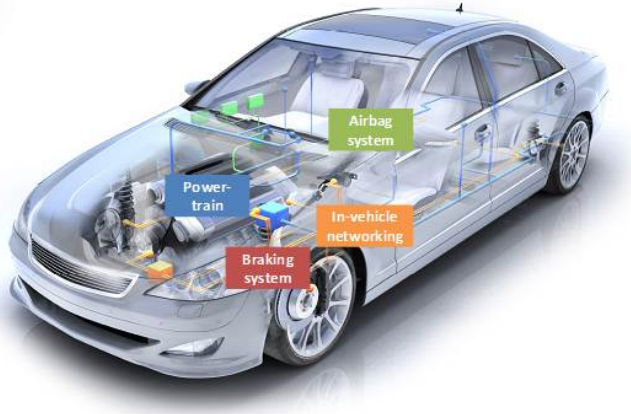


Strain (SHM-S) board

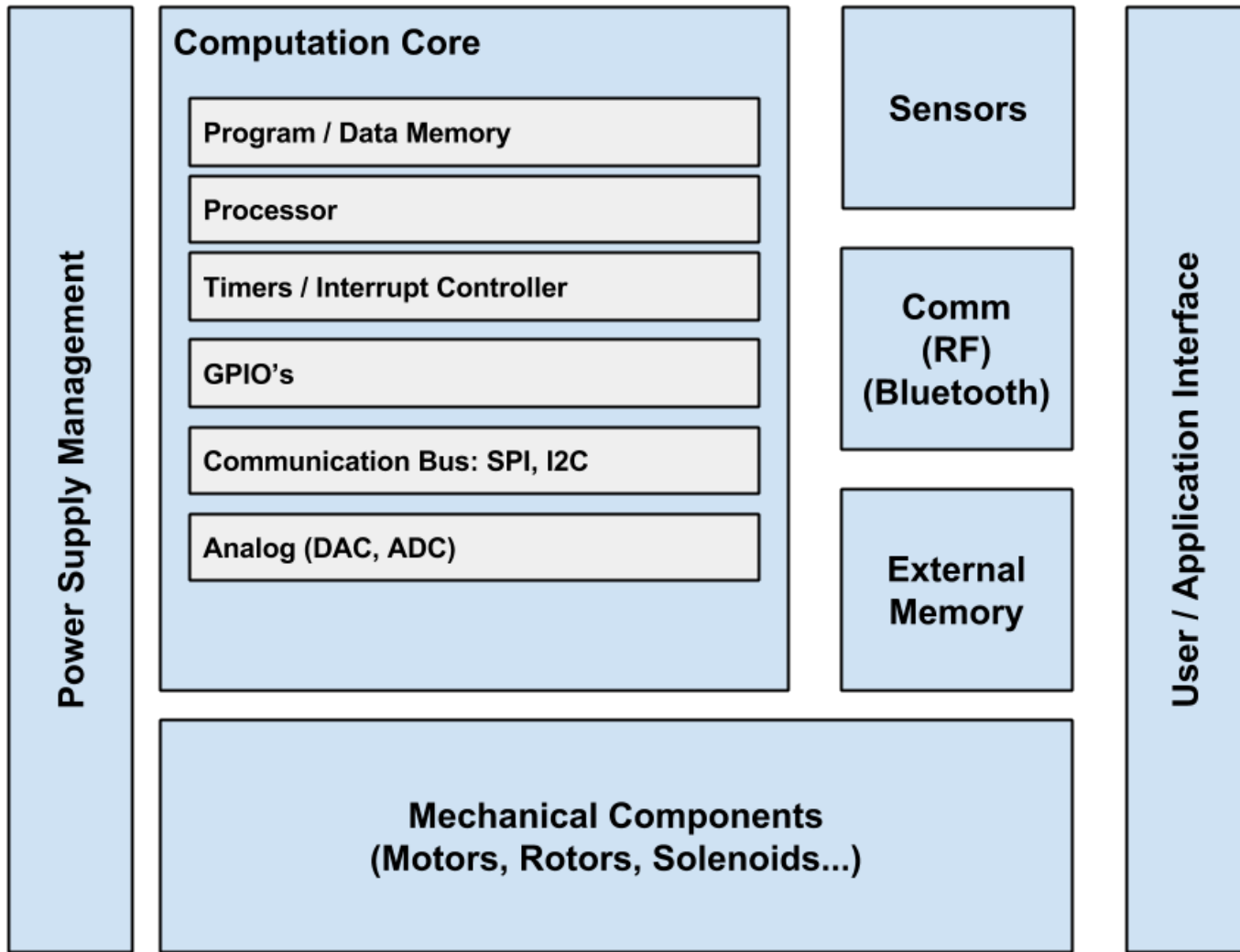


Wind Pressure (SHM-P) board

More traditional embedded systems



What components make up an embedded system?



Class Activity: Design an Embedded System

Wildlife tracking, small animals, what are the tradeoffs?

Activity monitoring?

Assignment, Homework...

- Deliverable #1 has been assigned
Due Sept. 3rd
- Readings have been assigned
- Install Energia and make it work