Von Neumann Model



ECE 292 · Notes · Embedded Systems Basics



ECE 292 · Notes · Embedded Systems Basics



ECE 292 · Notes · Embedded Systems Basics

5

Memory

Now that we know how to store bits, we can build a memory -- a logical $k \times m$ array of stored bits.





ECE 292 · Notes · Embedded Systems Basics

Even More Memory Details

There are other types of "non-volatile" memory devices:

- •ROM
- •PROM
- •EPROM
- •EEPROM
- •Flash

Can you think of other memory devices?



Analog/Digital Converter

An A/D converter takes an analog signal and represents it as a digital number at a regular time interval.



Lab 6

- Lab 6 will use the Basic Stamp 2 to make Stiquito walk.
- Use the tethered Stiquito you built for Lab 4.

NC STATE UNIVERSITY

ECE 292 · Notes · Embedded Systems Basics