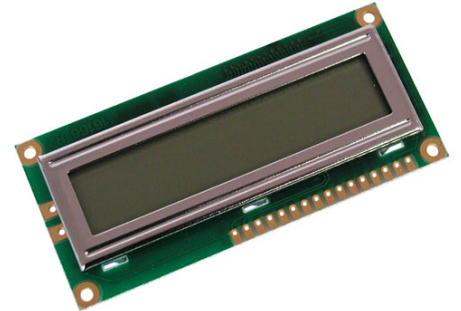


List of chips needed for long term checkout for EE345M Spring 2009
(about 20 groups)

- 1- 25LC1024 128k by 8 serial EEPROM (new, I ordered these already)
- 2- Microchip MCP2551 CAN interface drivers
- 1- 32-ohm speaker or similar
- 1 - DLP Designs UM245R module with cable
- 1- MC34119
- 4- 2N2222 or PN2222
- 2- L293 or L293D DC motor drivers
- 2- IRF522 or IRF540 MOSFETs
- 4- 1N914 snubber diodes
- 1- LCD display (any size)
- 3- Bypass capacitors (any value 0.01 to 0.22uF)
- 3- Switches that plug into a protoboard, similar to



List of chips student must get by ordering free samples

Some rail-to-rail op amps, +5V power, DIP package

One 10, 12, 14 or 16-bit DAC, SPI interface, +5V power, DIP package

One +2.5V precision voltage reference, +5V power, DIP package

One rail-to-rail instrumentation amp, +5V power, DIP package (TI INA102)

See course descriptor for detailed part numbers and web sites

<http://users.ece.utexas.edu/~valvano/EE345MSp09.html>