

Beginner's Guide to Embedded C Programming – Volume 2
Parts List

- 1 – PICkit 2 Starter Kit (MicrochipDirect.com #DV164120)
 - 1 – Small Breadboard (Digikey.com 923273-ND) **Part of Upgrade Kit!**
 - 4 – Shorting Blocks (Jameco.com #22023) **Part of Upgrade Kit!**
 - 5 – Two pin 0.1” single row header (Jameco #687130) **Part of Upgrade Kit!**
 - 2 – 16 pin 0.1” Female Header (cut to 10 pin) (Jameco #308592) **Part of Upgrade Kit!**
 - 1 – Common Anode LED Display (Jameco.com #17209)
 - 7 – 330 Ohm 1/4w Resistor (Jameco.com #690742)
 - 1 – 2x16 LCD Module (Chipaxe.com #chip025 or Jameco #1946068)
 - 1 – 0.1 uf 50v Capacitor (Jameco.com #544921)
 - 1 – Momentary switch (Jameco.com #199726)
 - 1 – 6 pin header (Jameco.com #153700)
 - 1 – PICkit 2 (extra for RS232) (MicrochipDirect.com #PG164120) **Optional!**
 - 1 – SPI Demo Board (MicrochipDirect.com #PKSERIAL-SPI1)
 - 1 – Stepper Motor Module (Futurlec.com #MINISTEPPER)
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Beginner's Guide to Embedded C Programming – Volume 3
Parts List

- 1 - Microchip 24LC01B-I/P (I2C Serial EEPROM) (DIGIKEY # 24LC01B-I/P -ND)
- 1 – MCP25LC020-I/P (SPI EEPROM) (DIGIKEY #25LC020A-I/P-ND)
- 1 – MCP23S08 SPI I/O Expander DIP Pkg (DIGIKEY #MCP23S08-E/P)
- 4 – 1k Resistor (Jameco #690865 {100pc bag})
- 4 – LED (red) (Jameco #333973)
- 2 – 10k Resistor (Jameco #691104 {100pc bag})
- 1 – Momentary Switch (Jameco #199726)
- 1 – 2x16 LCD Module (CHIPAXE.com or Jameco #1946068)
- 1 – Potentiometer 10k (Jameco #2118791)
- 1 – Hobbyist Servo Motor (Jameco #283021)
- 1 – 3 Position AA Battery Holder (Jameco #216144)
- 3 – AA Battery (Jameco #198707)
- 1 – Large Breadboard and Wire Kit (Jameco #2134993)
- 1 – CHIPINO Module (Module or Mini Module) (CHIPAXE.com)
- 1 – PICkit 2 Programmer (CHIPAXE.com or other source)