



To connect LCD to main PCB and allow removal for access to IC2 use:
 16-way 0.1" pin header
 16-way 0.1" single in-line socket

Component List

- R1 560R
- R2 15K0 1%
- R3 1K80 1%
- R4 5K60 1%
- R5 560R
- R6 180R
- PR1 10K preset

- C1 100nF
- C2 100nF
- C3 100uF - 25V
- C4 2.2uF - 10V
- C5 100nF
- C6,C7 27pF

- XT1 4MHz xtal

- D1, D2 1N4148
- Q1, Q2 BC637 (or BC635/BC639)

- IC1 PIC16F1827 (requires programming)
- IC2 LM78L05

- RL1 Omron G5L or similar

- JP1 2-way 0.1" pin header

- DIS1 2x16 LCD like Midas P/N MC21605G6W-FPTLW
 Rapidoonline P/N 57-2382

- S1/S2/S3 D6 switch
 Rapidoonline P/N 78-0160

- X1/X2 2-way 5mm 16amp screw terminal
- X3 3-way 5mm 16amp screw terminal

JP1 Closed
 Connects board power supply input to voltage monitor input.

JP1 Open
 Separate power and monitor voltage

Note:
 Board power input and Monitor voltage input share a common ground connection.



3.2mm Mounting holes
 These are drilled through the PCB

Automatic Low Voltage Cut-out Controller with Preset cut-out voltage and elapsed timer	Picprojects	
	blovolt-270B	
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