

Part list

| Part | Notes/Quantity |
|------------------------------|--|
| LCD SOLOMON LM118KFWL2 | Any HD44780 compatible display will also do |
| Power Jack | 9V DC Power Supply connected |
| Slide Switch | |
| Electrolytic Capacitor 100uF | Input of Voltage Regulator |
| Electrolytic Capacitor 10uF | Output of Voltage Regulator |
| Ceramic Capacitor 0.47uF | Output of Voltage Regulator |
| 7805 Voltage Regulator | |
| 74HC164 Shift Register | |
| 14 pole IC Socket | |
| 4 pole Pitch Crimp 2.5mm | Display Data bits DB4-DB7 |
| 8 pole Pitch Crimp 2.5mm | Display & Back light Supply Voltage, Contrast, Enable & RS |
| 10kΩ Trimmer | For setting the Display Contrast |
| M3 Spacers 20mm metal | 4x |
| M3 Spacers 5mm plastic | 4x |
| M3 screw 10mm | 7x, four being used for spacers, |
| M3 nut | 7x two for Slide Switch, one for Voltage Regulator |
| 1 pole female pin header | 4x, look out for "single row, straight, round pin" |
| heat shrink | |