



Part number: **SuprMotr V[®]**

DC servo controller: Single axis. Miniaturized.
Resolution: Down to 0.004µm depending on the encoder used.
Networkable: Up to 8 boards can be controlled from one PC.
Inputs and Outputs: Digital and analog inputs and outputs for conversions and data acquisition.
Power requirements: Max. 12V DC at 100mA.
Available options: Up to 8 boards networked, Jog mode, USB interface.
Software: Drivers and DEMO software. LabView.
Recommended actuator: SuprMike[®], LDC-25, etc...
Dimensions: 2"x 2.5". Also available other sizes.

With external amplifiers, can be used to control motors of any size.

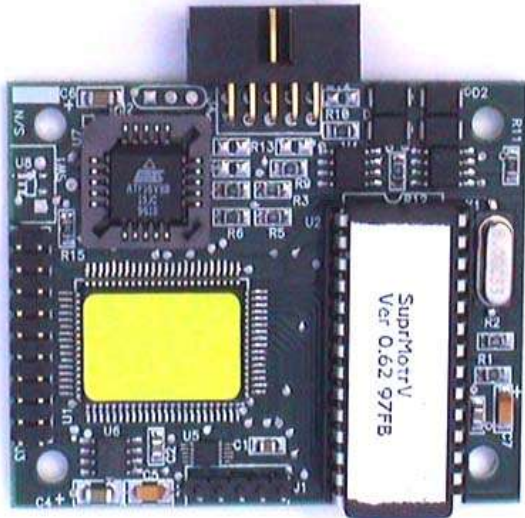
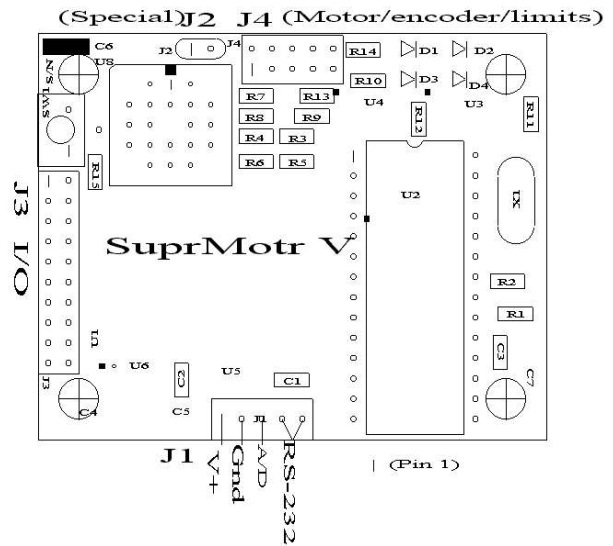


Photo (OEM version)



Layout

The controller is delivered with a power supply and an RS-232 cable.
 An extension IDC 10pin connector cable is also available.
 The pin-out is listed below:

Pin 1	Motor +
Pin 2	+5V to encoder
Pin 3	Encoder Ch. A
Pin 4	Encoder Ch. B
Pin 5	Ground.
Pin 6	Motor -
Pin 7	Reference switch (optional)
Pin 8	Positive limit switch (optional)
Pin 9	Negative limit switch (optional)
Pin 10	Ground.