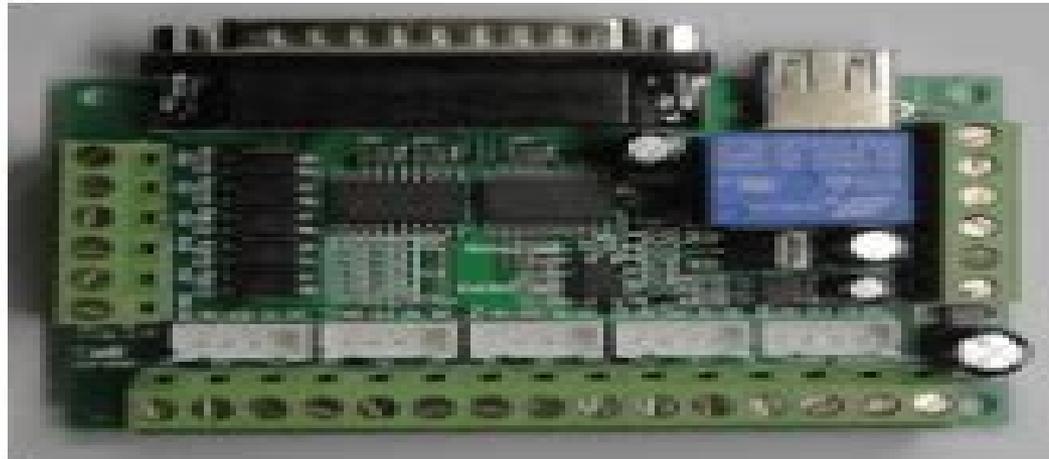


# MACH3 5 axis CNC interface board instruction



## Functions and Features:

1. Completely support MACH3 and the other softs that use LPT part.
2. USB Power supply and external power supply separate, for protecting your PC.
3. Wide range external power supply voltage,  $\pm 12 - 24V$ , and has preventing reverse connection function.
4. All the input signals are separated by photocouplers, can be connected to Stop, Probe and Limit switches. To make your computer safe.
5. One relay output, can be connected to spindle switch. Using P17.
6. 0-20V photocoupler separated analog voltage output, can be connected to Frequency converter, using to control the spindle speed. Using P1.
7. All 17 LPT ports are available, can be connected to stepping motor drivers, can control five stepping motor.
8. P1 can be used to output PWM signal, and can control the spindle Speed Regulator that has a photocoupler for input.
9. Can be connected to stepping motor drivers using common anode or common cathode input connection.
10. All of the LPT port names are printed on board, Easy to be used.

# Mach 3 Programming Manual

**Western Arts Association (U.S.)**



### **Mach 3 Programming Manual:**

Programming in POP-2 Rod M. Burstall, John Stuart Collins, R. J. Popplestone, 1971 *Monthly Catalog of United States Government Publications*, 1970 **Report of the ... Convention** Western Arts Association (U.S.), 1923 The ALPHA Automatic Programming System Andreï Petrovich Ershov, 1971 Scientific and Technical Aerospace Reports, 1974 Lists citations with abstracts for aerospace related reports obtained from world wide sources and announces documents that have recently been entered into the NASA Scientific and Technical Information Database Micro-programming Norman E. Sondak, Efrem Mallach, 1977 **Digital information processors** Walter Hoffmann, 1962 Programming and Utilizing Digital Computers Robert Steven Ledley, 1962 **Handbook for Automatic Computation: pt. a. Description of ALGOL 60, by H. Rutishauser** Friedrich L. Bauer, 1967 **Flying Magazine**, 1963-08 **U.S. Government Research & Development Reports**, 1965 Bibliography of Scientific and Industrial Reports, 1965-07 **Minicomputers and Microprocessors** John Hargadine Carson, 1976 *Government Reports Annual Index*, 1981 **Aeronautical Engineering**, 1992 A selection of annotated references to unclassified reports and journal articles that were introduced into the NASA scientific and technical information system and announced in Scientific and technical aerospace reports STAR and International aerospace abstracts IAA PC World, 1994 *NASA SP.*, 1962 **North American XB-70A Valkyrie** Dennis R. Jenkins, Tony Landis, 2002 This top flight series provides a review of the world's most exciting combat aircraft **NASA Glenn Research Center's Hypersonic Propulsion Program**, 1999 **Limited Scientific and Technical Aerospace Reports**, 1972

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