



NOTE 1: DO NOT POWER UP THE PPI UNTIL THE CNC PROGRAM IS RUNNING

NOTE 2: SUPPLY POWER TO THE PPI EITHER THRU J1 OR THRU THE XYZ STEPPER BOARD, BUT NOT BOTH. A 5V REGULATOR IS PRESENT ON BOTH BOARDS, AND EITHER ONE IS CAPABLE OF SUPPLYING THE SYSTEM'S 5V REQUIREMENTS

NOTE 3: SW2 ENABLES OR DISABLES ALL L297 CHIPS ON THE XYZ STEPPER BOARD. SWITCH TO ENABLE WHEN READY TO DRIVE THE STEPPER BOARD.

NOTE 4: JB1, JB3, JB5 - WHEN LOW, THE CHOPPER ACTS ON INH1 AND INH2. WHEN HIGH, THE CHOPPER ACTS ON PHASE A, B, C, D.

NOTE 5: JB2, JB4, JB6 - WHEN LOW, THE ENERGIZING STEPS ARE FULL. WHEN HIGH, THE STEPS ARE HALF.

NOTE 6: SW1 - RESET. WHEN PULSED LOW RESTORES THE TRANSLATOR ON ALL L297 CHIPS ON THE STEPPER BOARD TO INITIAL PHASE STATES. (DOES NOT MOVE THE ACTUAL STEPPERS TO HOME POSITION)

NOTE 7: THE PPI PINOUT IS CORRECT. THERE HAS BEEN A CHANGE ON THE STEPPER BOARD IN RELATION TO PIN 17 OF THE 50 PIN HEADER. JUMPERS ON THE BACK OF THE STEPPER BOARD ARE USED TO IMPLEMENT THE CORRECTION.

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Title  
 PRINTER PORT INTERFACE FOR XYZ STEPPER MOTOR BOARD

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