

**RTA-16H(I) 3P
16 BIT PRINTER CARD 3 PORTS
(2xEPP+1xSPP) USER'S MANUAL**

(I) FEATURES:

- * THREE PRINTER PORTS : ONE STANDARD PRINTER AND TWO ENHANCED PARALLEL PRINTER PORTS (SPP,BIDI,EPP).
- * IT SUPPORT LPT1 TO LPT12 AND CONTROLLED BY HARDWARE.
- * IT CAN BE SELECTED ITS OWN INTERRUPT (IRQ3,4,5,7,8,10,11,12,15)
- * PARALLEL MODE : STANDARD PRINTER MODE, PS/2 BI-DIRECTIONAL AND ENHANCED PARALLEL MODE (EPP).
- * ENHANCED MODE SELECT BY HARDWARE (386 UP).

(II) HARDWARE DESCRIPTION

- 1) 1ST PORT (P1): CONTROL JUMPER JP3, JP4, JP5, JP6, P1-IRQ
 JP3-6 : PRINTER PORT ADDRESS SELECT.
 P1-IRQ : PRINTER PORT INTERRUPT SELECT.
- 2) 2ND PORT (P2): CONTROL JUMPER JP4, JP5, JP6, P2-IRQ
 JP4-6 : PRINTER PORT ADDRESS SELECT.
 P2-IRQ : PRINTER PORT INTERRUPT SELECT.
 JEP1 : 1&2 FOR EPP MODE, 2&3 FOR SPP&BIDI MODE.
- 3) 3RD PORT (P3): CONTROL JUMPER JP4, JP5, JP6, P3-IRQ
 JP4-6 : PRINTER PORT ADDRESS SELECT.
 P3-IRQ : PRINTER PORT INTERRUPT SELECT.
 JEP2 : 1&2 FOR EPP MODE, 2&3 FOR SPP&BIDI MODE.

4) PORT ADDRESS AND MODE DESCRIPTION :

LPT1 : \$3BC (SPP,BIDI)	LPT7 : \$7AC (SPP,BIDI)
LPT2 : \$378 (SPP,BIDI,EPP)	LPT8 : \$3AC (SPP,BIDI)
LPT3 : \$278 (SPP,BIDI,EPP)	LPT9 : \$23C (SPP,BIDI)
LPT4 : \$268 (SPP,BIDI,EPP)	LPT10: \$22C (SPP,BIDI)
LPT5 : \$73C (SPP,BIDI)	LPT11: \$33C (SPP,BIDI)
LPT6 : \$76C (SPP,BIDI)	LPT12: \$63C (SPP,BIDI)

5) ADDRESS JUMPER (NOTE: O -- OPEN, S -- SHORT)

JP3	JP4	JP5	JP6	P1(ADD.)	P2(ADD.)	P3(ADD.)
S	S	S	S	&H3BC	&H378	&H278
S	O	S	S	&H23C	&H3BC	&H278
S	S	O	S	&H33C	&H3BC	&H378
S	O	O	S	&H3BC	&H268	&H278
S	S	S	O	&H23C	&H268	&H22C
S	O	S	O	&H63C	&H73C	&H76C
S	S	O	O	&H22C	&H3AC	&H7AC
S	O	O	O	&H22C	&H3AC	&H23C

**** NOTE :** JP3 CAN BE ENABLE/DISABLE P1 (FIRST PRINTER),
 WHEN JP3 IS CLOSED, P1 PRINTER'S FUNCTION IS ENABLE.
 WHEN JP3 IS OPENED, P1 PRINTER'S FUNCTION IS DISABLE.