

RTX-138 (I I) ENHANCED PARALLEL PRINTER CARD USER'S MANUAL

(I) FEATURES:

- * TWO ENHANCED PARALLEL PRINTER PORTS (SPP, BIDI, EPP).
- * EACH PORT SUPPORT LPT1 TO LPT6 AND CONTROLLED BY HARDWARE.
- * EACH PORT CAN BE SELECTED ITS OWN INTERRUPT (IRQ3, 4, 5, 7, 9)
- * SOFTWARE DRIVE MODE : BI-DIRECTIONAL MODE
ENHANCED PARALLEL MODE (386 UP).

(II) HARDWARE DESCRIPTION

1) 1ST PORT : CONTROL JUMPER JP1, JP2, JP3, P1 IRQ, U1 CLK
 JP1-3 : 1ST PORT ADDRESS SELECT.
 P1 IRQ : 1ST PORT INTERRUPT SELECT.
 U1 CLK : 1ST PORT OPERATE MODE SELECT.
 PIN 1&2 SHORT -- STANDARD OPERATE MODE.
 PIN 2&3 SHORT -- HIGH SPEED OPERATE MODE.
 (STANDARD x 1.75)

2) 2ND PORT : CONTROL JUMPER JP4, JP5, JP6, P2 IRQ, U2 CLK
 JP4-6 : 2ND PORT ADDRESS SELECT.
 P2 IRQ : 2ND PORT INTERRUPT SELECT.
 U2 CLK : 2ND PORT OPERATE MODE SELECT.
 PIN 1&2 SHORT -- STANDARD OPERATE MODE.
 PIN 2&3 SHORT -- HIGH SPEED OPERATE MODE.
 (STANDARD x 1.75)

3) IRQ, ADDRESS AND MODE DESCRIPTION :

LPT1	:	\$3BC - \$3BE	(IRQ3, 4, 5, 7, 9, SPP, BIDI)
LPT2	:	\$378 - \$37A	(IRQ7, SPP, BIDI, EPP)
LPT3	:	\$278 - \$27A	(IRQ5, SPP, BIDI, EPP)
LPT4	:	\$268 - \$26A	(IRQ3, 4, 5, 7, 9, SPP, BIDI, EPP)
LPT5	:	\$27C - \$27E	(IRQ3, 4, 5, 7, 9, SPP, BIDI)
LPT6	:	\$26C - \$26E	(IRQ3, 4, 5, 7, 9, SPP, BIDI)

4) ADDRESS JUMPER (NOTE: O -- OPEN, C -- CLOSE)

	378	278	268	26C	27C	3BC
JP1	O	O	C	O	C	O
JP2	O	O	O	C	C	C
JP3	C	O	O	C	O	O
JP4	O	O	C	O	C	O
JP5	O	O	O	C	C	C
JP6	C	O	O	C	O	O