MAX232 CIRCUIT FOR PC-STAMP COMMUNICATION
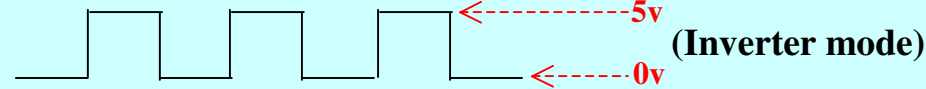
Note: RF Modules worked in Inverter mode that is 0 to 5v (TTL logic)
←--------5v
(Inverter mode)
←-----0v

Note: Use either Inverter device or Emitter-follower circuit

Transmitter (P/N: 27996)

Inverter (P/N:74LS04)

+5

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P3 ⊐	CTS	11	T1 IN	T1 OUT	14
P2 ⊏	RTS	12	R1 OUT	R1 IN	13
P1 ⊐	TX	10	T2 IN	T2 OUT	7
P0 ⊏	RX	9	R2 OUT	R2 IN	8

Pin 3 TXD — IC

1 C1+
1 uF 3 C1−   V+ 2
4 C2+
1 uF 5 C2−   V− 6

1 uF
1 uF

15

MAX232

DB9-F

1, 6, 2, 7, 3, 8, 4, 9, 5

Note: Actual TTL logic shown after passed through the Inverter device.
←--------5v
←-----0v

Pin 4, GND (Inverter mode)

Pin 2, +5V ----→ **+5VDC**

Pin 1, GND

Note: Max232 signal out from the "RS OUT" pin go from 5v to 0v
←--------0v
(True mode)
←-----5v