

The diagram illustrates an RS232 converter circuit. It features a 4P1N connector (K2) with pins 1 (G1), 2 (+5), 3 (TX TTL), and 4 (RX TTL). A DB9F connector (K1) has pins 1 (TXD), 2 (RXD), 3 (R4 10k), 4 (R5 10k), and 5 (G1). The L2221 IC is powered by +5V and ground. It includes resistors R1, R2, and R3 (1k each) and capacitors C1, C2, C3, and C5 (100nF each). The TX and RX signals are connected to the TXIN and RXIN pins, and the TXOUT and RXOUT pins are connected to the TXD and RXD pins respectively.

Title		
RS232 converter		
Size	Number	Revision
A4	RS232_8	1.0
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Zaandijk, Holland		Sheet 1 of 1
Drawn By: (lar)		

14 mm

20 mm

K1

U1

B3

B2

B1

R3

R2

R1

C1

C2

C3

C4

C5

C6

C7

C8

R4

R5

REF1

0V

+3.3-5.0V

TX-IN

RX-OUT

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RS-232 to TTL converter

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