



Tech Info Library

Null Modem and Modem Eliminator: Pinouts

Revised: 3/22/88
Security: Everyone

Null Modem and Modem Eliminator: Pinouts

=====

This article last reviewed: 16 February 1988

Here are pinouts for Null Modem, Modem Eliminator, and Null Modem With Handshake using DB-25 signal pinouts:

Null Modem		Modem Eliminator		Null Modem w/handshake	
from	to	from	to	from	to
1	- 1	1	- 1	1	- 1
2	- 3	2	- 3	2	- 3
3	- 2	3	- 2	3	- 2
4,5	- 8	7	- 7	4	- 5
6	- 20	4,5	- NC	5	- 4
7	- 7	6,8,20	- NC	6	- 8,20
20	- 6			7	- 7
8	- 4,5			8,20	- 6

Reference:

RS232 Signal

- 1 - Sig Gnd - Normally Shield or Chassis Ground
- 2 - TXD - Transmit Data
- 3 - RXD - Receive Data
- 4 - RTS - Request to Send
- 5 - CTS - Clear to Send
- 6 - DSR - Data Set Ready
- 7 - GND - SIGNAL Ground
- 8 - DCD - Data Carrier Detect
- 20 - DTR - Data Terminal Ready

Note: Ring Indicate (RI) is not used or needed in computer-to-computer (DTE to DTE) direct connect configurations.