



Tech Info Library

Null Modem and Modem Eliminator: Pinouts

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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.

<None>

Keywords: <None>

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