A P R S   D B - 9   H A R D W A R E   2ⁿᵈ   P O R T

To From Computer

9 — N.C.
8 — CTS   + voltage = okay (clear) to send data   CTS — 8
7 — RTS   + voltage = requesting to send data   RTS — 7
6 — DSR   + voltage = tnc is ready to receive data   DSR — 6

2N2222
10K

5 — Signal Ground   SGnd — 5
4 — DTR   + voltage = computer is ready   DTR — 4
3 — TxD   + voltage = Tx data bit is a "0"   TxD — 3
             - voltage = Tx data bit is a "1"

2N2222

(TxD and RxD signal lines)
(sit at a - voltage when idle)

2 — RxD   + voltage = Rx data bit is a "0"   RxD — 2
             - voltage = Rx data bit is a "1"
10K

1K

1 — DCD   + voltage = data carrier detected DCD — 1

J1
DB-9F

TxD
+ voltage = Tx data bit is a "0"
- voltage = Tx data bit is a "1"

3   5   SGnd

J2 DB-9F
F r o m   G P S

P1
DB-9M

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