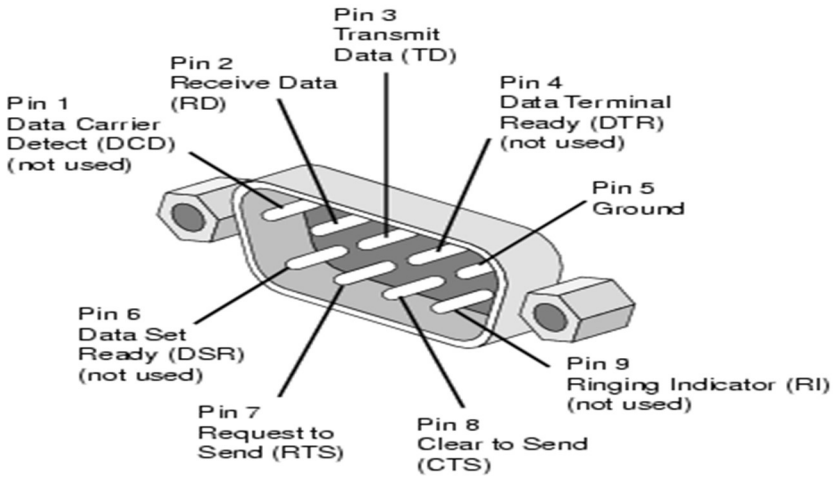
RS-232



DTE Device (Computer) **DB9** — **DTE to DCE** Connections — DCE Device (Modem) **DB25**

Pin# DB9	RS-232 Signal Names	Signal Direction	Pin# DB25	RS-232 Signal Names
#1	Carrier Detector (DCD)	CD	#1	Shield to Frame Ground	FGND
#2	Receive Data (Rx)	RD	#2	Transmit Data (Tx)	TD
#3	Transmit Data (Tx)	TD	#3	Receive Data (Rx)	RD
#4	Data Terminal Ready	DTR	#4	Request to Send	RTS
#5	Signal Ground/Common (SG)	GND	#5	Clear to Send	CTS
#6	Data Set Ready	DSR	#6	Data Set Ready	DSR
#7	Request to Send	RTS	#7	Signal Ground/Common (SG)	GND
#8	Clear to Send	CTS	#8	Carrier Detector (DCD)	CD
#9	Ring Indicator	RI	#20	Data Terminal Ready	DTR
Soldered to DB9 Metal - Shield		FGND	#22	Ring Indicator	RI

RS-422 & RS-485 Pinout Diagram

Connection pole	Data Output	RS-422 Full-Duplex	RS-485 Half-Duplex
1	T/R+	Send (A+)	RS-485 (A+)
2	T/R-	Send (B-)	RS-485 (B-)
3	RXD+	Receive(A+)	N/C
4	RXD-	Receive(B-)	N/C
5	GND	Ground Wire	Ground Wire