DTC-03 Card pinout by Jonathan Gevaryahu, CC-BY-NC (NO SCRIBD!)

Purpose is based on info from Lou Ernst, from http://www.vintage-computer.com/vcforum/showthread.php?34754-Something-Different-DECTalk-DTC03 but also with additional tracing done by Jonathan Gevaryahu

Anything with a White bg is from info above and not verified by me. orange bg is assumed use with Lou's notes in parenthesis

The Phone line ring and tip polarity are verified based on their positions on the rj21x jack on the back of the backplane

Note that the DB25 port is wired for DCE, not DTE

	Component Side (RIGHT)					Solder Side (LEFT)				
Bus#?	A	Backplane	Signal Name (DCE)	Purpose on card	Bus#	B	Backplane	Signal Name (DCE)	Purpose on card
AA1	1	DB25 Pin 1 (not DB25 Shield!)	Shield	GND plane	AA2	1	DB25 Pin 2	RxD	RxD
AB1	2	DB25 Pin 3	TxD	TxD	AB2	2	DB25 Pin 4	CTS	CTS (Loopback RxD?)
AC1	3	DB25 Pin 5	RTS	RTS (Loopback TxD?)	AC2	3	DB25 Pin 6	DTR(DCE Ready)	DTR
AD1	4	DB25 Pin 7	Signal GND	GND plane	AD2	4	DB25 Pin 8	RL Signal Detect	Sig detect? (RTS?)
AE1	5	DB25 Pin 9	(reserved for testing)	Contact Not Present	AE2	5	DB25 Pin 10	(reserved for testing)	Contact Not Present
AF1	6	DB25 Pin 11	(unassigned)	to unused jumper	AF2	6	DB25 Pin 12	SRL Signal Detect	to unused jumper
AG1	7	DB25 Pin 13	SRTS	Contact Not Present	AG2	7	DB25 Pin 14	SRxD	Contact Not Present
AH1	8	DB25 Pin 15	Tx Timing (from DCE)	Contact Not Present	AH2	8	DB25 Pin 16	STxD	Contact Not Present
AI1	9	DB25 Pin 17	Rx Timing (from DCE)	Contact Not Present	AI2	9	DB25 Pin 18	Local Loopback	Local Loopback from txd? (CTS?)
AJ1	10	DB25 Pin 19	SCTS	Contact Not Present	AJ2	10	DB25 Pin 20	DSR(DTE Ready)	DSR
AK1	11	DB25 Pin 21	Remote Loopback	Contact Not Present	AK2	11	DB25 Pin 22	Ring Indicator	Contact Not Present
AL1	12	DB25 Pin 23	Data Signal Rate Selector	Contact Not Present	AL2	12	DB25 Pin 24	Tx Timing (from DTE)	Contact Not Present
AM1	13	DB25 Pin 25	Test Mode	Contact Not Present	AM2	13	N/C		to unused jumper
AN1	14	AGND (case gnd)		Contact Not Present	AN2	14	AGND (case gnd)		Contact Not Present
AO1	15	AGND (case gnd)		Contact Not Present	AO2	15	AGND (case gnd)		Contact Not Present
AP1	16	AGND (case gnd)		Contact Not Present	AP2	16	AGND (case gnd)		Contact Not Present
AQ1	17	N/C		Contact Not Present	AQ2	17	N/C		Contact Not Present
AR1	18	GND (power gnd)		GND, Contact absent on prototype	AR2	18	GND (power gnd)		GND, Contact absent on prototype
AS1	19	GND (power gnd)		GND, Contact absent on prototype	AS2	19	GND (power gnd)		GND, Contact absent on prototype
AT1	20	N/C		Contact Not Present	AT2	20	N/C		Contact Not Present
AU1	21	+5V		+5V, Contact absent on prototype	AU2	21	+5V		+5V, Contact absent on prototype
AV1	22	+5V		+5V, Contact absent on prototype	AV2	22	+5V		+5V, Contact absent on prototype
AW1	23	+12V		+12V	AW2	23	+12V		+12V
AX1	24	+12V		+12V	AX2	24	+12V		+12V
AY1	25	+5V (reinforced w/bus bar)		+5V	AY2	25	+5V (reinforced w/bus bar)		+5V
AZ1	26	GND (reinforced w/bus bar)		GND	AZ2	26	GND (reinforced w/bus bar)		GND
A01	27	-12V		-12V	A02	27	-12V		-12V
A11	28	N/C		Contact Not Present	A12	28	N/C		Contact Not Present
A21	29	N/C		Contact Not Present	A22	29	N/C		Contact Not Present
A31	30	N/C		Contact Not Present	A32	30	TBx pin 1 (top pin)		Outer Option Pin 11
A41	31	TBx pin 2		Outer Option Pin 12	A42	31	TBx pin 3		Outer Option Pin 9
A51	32	TBx pin 4 (bottom pin)		Outer Option Pin 10	A52	32	N/C		Contact Not Present
A61	33	N/C		Contact Not Present	A62	33	N/C		Contact Not Present
A71	34	N/C		Outer Option Pin 7	A72	34	N/C		Outer Option Pin 8
A81	35	N/C		Outer Option Pin 5	A82	35	N/C		Outer Option Pin 6
A91	36	N/C		Outer Option Pin 3	A92	36	N/C		Outer Option Pin 4
A@1	37	Phone line Ring		Phone line Ring	A@2	37	Phone line Tip		Phone line Tip