

## Transistor and IC pin# Voltages of CB 25LTD

REF.	TX MODE (UNIT:V)			RX MODE (UNIT:V)		
	C/D	B/G	E/S	C/D	B/G	E/S
TR1	0.0	0.0	0.0	8.8	1.9	1.2
TR2	0.0	0.0	0.0	8.3	1.6	0.9
TR3	0.0	0.0	0.0	1.7	0.7	0.0
TR4	0.0	0.0	0.0	12.0	1.7	1.0
TR5	0.0	0.0	0.0	0.0	0.7	0.0
TR6	0.0	0.0	0.0	1.0(SQ OFF)	0.0(SQ OFF)	0.0
				0.0(SQ ON)	0.6(SQ ON)	0.0
TR7	13.0	0.0	0.0	0.0	0.0	0.0
TR8	11.0	0.0	0.0	0.0	0.0	0.0
TR9	12.0	1.2	1.4	0.0	0.0	0.0
TR10	0.0	0.0	0.0	10.5	0.0(SQ ON)	0.0(SQ ON)
				10.5	1.0(SQ OFF)	0.4(SQ OFF)
TR11	6.6	3.6	3.0	6.6	3.6	3.4
TR12	2.9	2.2	1.6	2.9	2.2	1.6
TR13	3.0	1.3	0.7	0.0	0.0	1.7
TR14	0.0	0.0	0.0	0.0	0.0	0.0
TR15	7.9	6.7	6.0	7.9	6.7	0.0
TR16	9.0	0.0	9.0	9.0	0.0	6.0
TR17	12.4	9.6	9.0	12.4	9.6	9.0
TR18	13.0	7.8	7.1	13.0	7.8	7.1
TR19	1.7	0.7	0.0	0.0	0.7	0.0
TR20	0.0	0.0	0.0	12.3	3.0	2.4
TR21	0.0	0.0	0.0	6.4	0.6	0.0
TR22	0.0	0.0	0.0	0.0	12.3	12.3
TR23	0.0	0.0	0.0	0.0	0.0	0.0
FET1	0.0	0.0	0.0	7.8	0.7	0.0
FET2	0.0	0.0	0.0	12.0	1.1	0.0

### IC1 ( TA7222AP) AUDIO AMP.

PIN#	1	2	3	4	5	6	7	8	9	10
RX	12.4	6.6	0.0	0.0	1.1	1.1	0.0	0.0	6.5	13.8
TX	12.4	6.6	0.0	0.0	1.1	1.1	0.0	0.0	6.5	13.8

### IC2 ( TA7310P) MIXER

PIN#	1	2	3	4	5	6	7	8	9	
RX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
TX	2.6	0.0	0.0	2.6	0.0	8.8	2.1	4.8	8.6	

### IC3 ( 25LTD) PLL

PIN#	1	2	3	4	5	6	7	8	9	
RX	8.1	4.4	0.0	7.6	3.7	3.7	2.8	0.0	4.5	
TX	8.1	4.4	0.0	7.6	3.7	3.7	2.8	7.3	4.5	

PIN#	10	11	12	13	14	15	16	17	18	
RX	6.4	6.4	6.4	0.0	0.0	6.4	0.0	0.0	0.0	
TX	6.4	6.4	6.4	0.0	0.0	6.4	0.0	0.0	0.0	