

# K7200 REV A ( Example 19K7203) VOLTAGE REFERENCE GUIDE

DC Voltages shown below are for reference only and may vary with input signal and control adjustments.  
Some voltages are measured in **AC** and noted in **bold print**

## DEFLECTION (MAIN BOARD)

TRANSISTOR	COLLECTOR	BASE	EMITTER
Q001	11.92	1.73	1.15
Q002	12.6	2.07	1.93
Q101	0	4.99	7.16
Q301	11.97	1.67	1.03
Q302	11.96	1.7	1.09
Q303	11.94	1.72	1.07
Q304	11.86	0.19	0.05
Q305	5.35	2.47	0
Q306	6.5	0.44	0
Q307	9.77	7.8	0
Q308	10.93	0.48	0.12
Q401	12.89	8.62	7.31
Q501	9.77	7.8	0
Q502	21.37	0.36	0
Q503	<b>DO NOT MEASURE</b>		
Q505	2.24	1.69	0.01
Q601	15.32	1.26	0.66
Q602	0.53	15.29	15.88
Q603	20.45	0.52	0
Q604	0.06	0.01	0.67

## NECK BOARD

TRANSISTOR	COLLECTOR	BASE	EMITTER
Q801	108	11.73	11.21
Q802	11.21	2.8	2.5
Q803	108	12	11.48
Q804	11.47	2.8	2.5
Q805	109	12	11.47
Q806	11.47	2.8	2.5

DIODE	CATHODE	ANODE
D801	120	108
D802	120	110
D803	120	109



D001	ANODE	CATHODE
D002	7.44	8.27
D003	<b>3.82 v AC</b>	<b>3.87 v AC</b>
D004	<b>3.73 v AC</b>	<b>3.77 v AC</b>
D101	13.16	112.79
D102	112.95	121.48
D103	0.28	22.67
D104	0.03	15.63
D105	0.05	7.17
D301	1.93	6.45
D302	1.94	6.48
D303	1.94	6.46
D305	9.77	27.45
D306	10.57	11.57
D307	10.61	11.63
D308	10.61	11.86
D309	10.62	10.93
D311	1.92	1.64
D312	0	1.92
D313	10.71	10.53
D401	22.12	21.97
D402	0.03	0.48
D501	<b>10.02 v AC</b>	31.55
D502	<b>11.85</b>	11.8
D503	<b>1.09 v AC</b>	<b>1.21 v AC</b>
D601	22.3	121.4
D602	0	22
D603	1.34	17.5
D604	123.4	122.77
D605	1.26	0.98

IC CHIP #	U001	U101	U102	U301	U401
1	0	7.15	15.07	11.97	13.9
2	0.48	0	0	5.48	22.13
3	0.36	4.99	11.93	5.45	4.28
4	0.3			2.28	0.47
5	0.24			2.41	0.03
6	0.21			2.29	0.12
7	0.18			0.01	6.98
8	0.26			2.38	0.01
9				2.28	4.06
10				2.39	4.85
11				2.33	4.45
12				7.6	4.33
13				11.97	0.48
14				5.36	21.99
15				1.59	13.4
16				2.06	
17				2.06	
18				0.39	
19				1.48	
20				2.07	
21				2.08	
22				0.38	
23				11.96	
24				1.49	
25				2.07	
26				2.06	
27				0.37	
28					