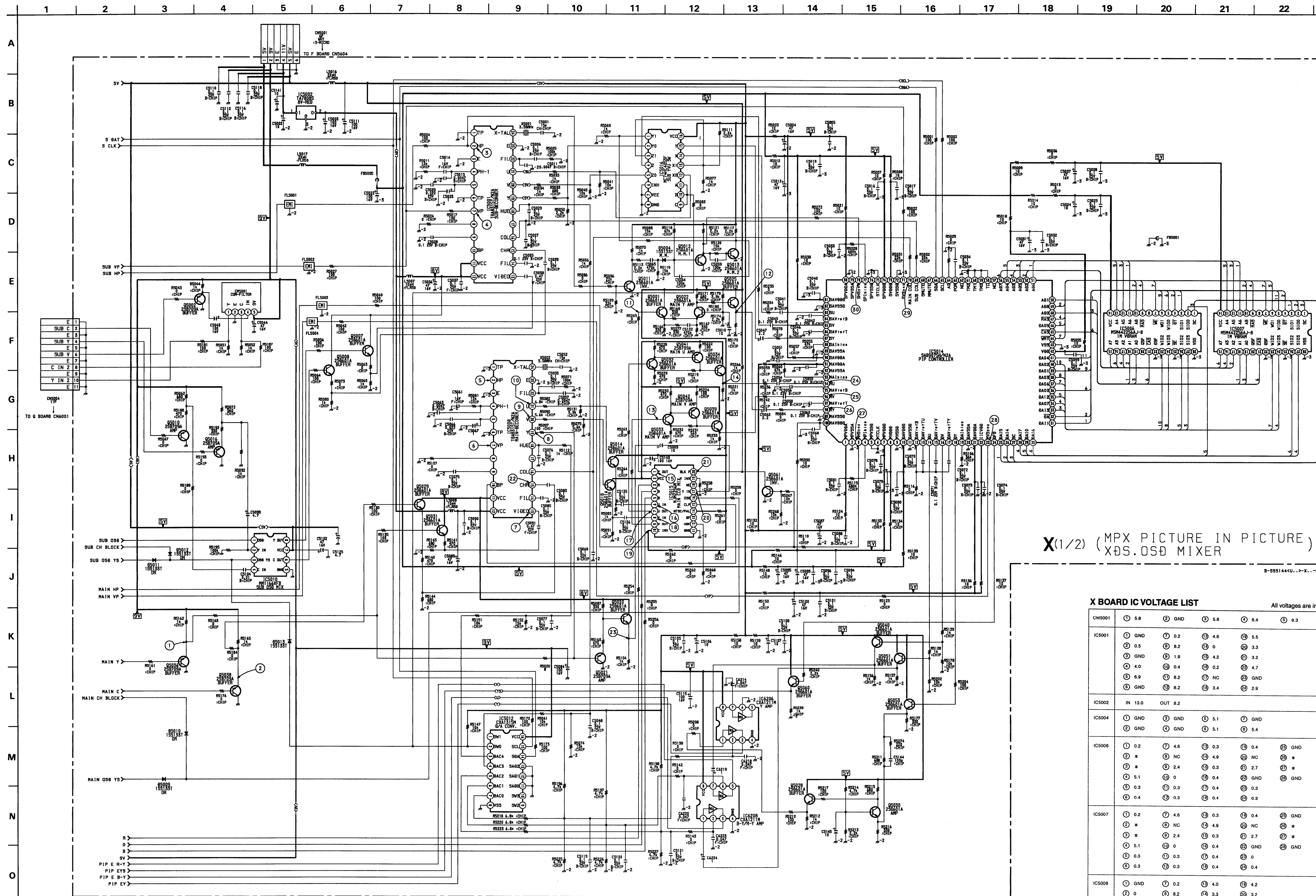




X(1/2) (MPX PICTURE IN PICTURE)
XDS.OSB MIXER

X BOARD IC VOLTAGE LIST

All voltages are in V.					
CM5001	① 5.8	② GND	③ 5.8	④ 6.4	⑤ 9.3
IC5001	① GND	② 0.2	③ 4.6	④ 5.5	
	⑤ 0.5	⑥ 8.2	⑦ 0	⑧ 3.3	
	⑨ GND	⑩ 1.9	⑪ 4.2	⑫ 3.2	
	⑬ 4.0	⑭ 0.4	⑮ 0.2	⑯ 4.7	
	⑰ 6.9	⑱ 8.2	⑲ NC	⑳ GND	
	㉑ GND	㉒ 8.2	㉓ 3.4	㉔ 2.9	
IC5002	① IN 13.0	② OUT 8.2			
	③ GND	④ GND	⑤ 5.1	⑥ GND	
IC5004	① GND	② GND	③ 5.1	④ GND	
	⑤ GND	⑥ GND	⑦ 5.1	⑧ 5.4	
IC5006	① 0.2	② 4.6	③ 0.3	④ 0.4	⑤ GND
	⑥ *	⑦ NC	⑧ 4.9	⑨ NC	⑩ *
	⑪ *	⑫ 2.4	⑬ 0.3	⑭ 2.7	⑮ *
	⑯ 5.1	⑰ 0	⑱ 0.4	⑲ GND	⑳ GND
	㉑ 0.3	㉒ 0.3	㉓ 0.4	㉔ 0.3	
	㉕ 0.4	㉖ 0.3	㉗ 0.4	㉘ 0.3	
IC5007	① 0.2	② 4.6	③ 0.3	④ 0.4	⑤ GND
	⑥ *	⑦ NC	⑧ 4.9	⑨ NC	⑩ *
	⑪ *	⑫ 2.4	⑬ 0.3	⑭ 2.7	⑮ *
	⑯ 5.1	⑰ 0	⑱ 0.4	⑲ GND	⑳ GND
	㉑ 0.3	㉒ 0.3	㉓ 0.4	㉔ 0	
	㉕ 0.3	㉖ 0.3	㉗ 0.4	㉘ 0.4	
IC5008	① GND	② 0.2	③ 4.0	④ 4.2	
	⑤ 0	⑥ 8.2	⑦ 3.3	⑧ 3.2	
	⑨ GND	⑩ 2.0	⑪ 4.2	⑫ 3.2	
	⑬ 0	⑭ 0.4	⑮ 0	⑯ 4.7	
	⑰ 0	⑱ 8.2	⑲ NC	⑳ GND	
	㉑ GND	㉒ 8.2	㉓ 3.2	㉔ 2.9	

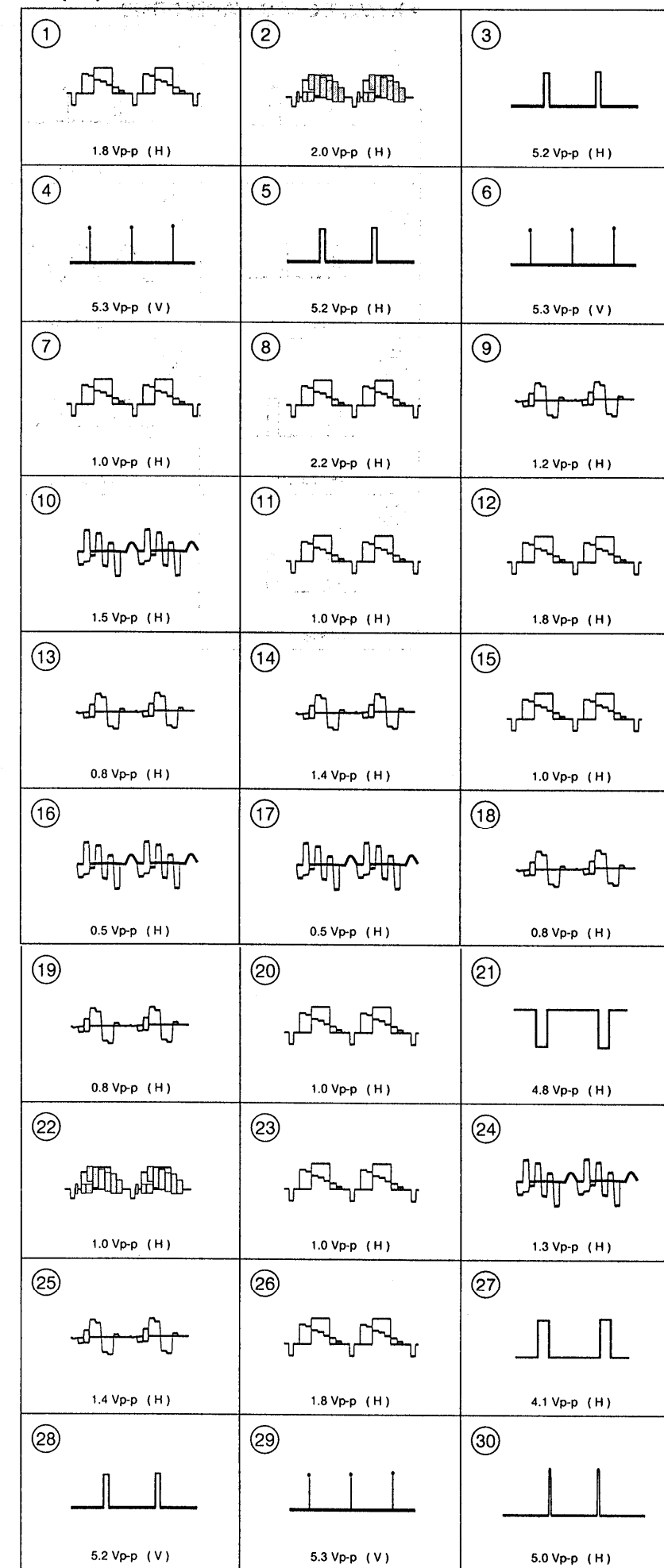
*: Measurement impossibility.

All voltages are in V.

IC5010	① 0	② 0	③ GND	④ 5.2	
	⑤ 3.3	⑥ 2.9	⑦ 2.1	⑧ 2.5	
IC5011	① 1.7	② 1.7	③ 0.8	④ 1.7	
	⑤ 1.7	⑥ GND	⑦ 0.8	⑧ 1.7	
	⑨ 1.7	⑩ GND	⑪ 0.8	⑫ 1.7	
	⑬ 1.7	⑭ GND	⑮ 1.7	⑯ 5.2	
IC5012	① NC	② 6.7	③ NC	④ GND	
	⑤ 0	⑥ 5.2	⑦ NC	⑧ 5.1	
	⑨ 5.3	⑩ 6.1	⑪ GND	⑫ 5.1	
	⑬ 5.6	⑭ GND	⑮ GND	⑯ 9.3	
IC5014	① 4.7	② 5.0	③ 0.3	④ GND	⑤ 4.8
	⑥ GND	⑦ 5.0	⑧ 4.9	⑨ NC	⑩ GND
	⑪ 1.0	⑫ 0.4	⑬ GND	⑭ 5.1	⑮ 1.2
	⑯ 1.6	⑰ 0	⑱ 4.8	⑲ 0	⑳ 0.5
	㉑ GND	㉒ *	㉓ 2.7	㉔ 5.1	㉕ 1.2
	㉖ GND	㉗ *	㉘ 0.3	㉙ 5.1	㉚ 1.9
	㉛ 4.5	㉜ 0.2	㉝ 2.4	㉞ NC	㉟ 1.1
	㊱ 4.4	㊲ *	㊳ 0.4	㊴ NC	㊵ 1.5
	㊶ GND	㊷ *	㊸ 0	㊹ 2.5	㊺ GND
	㊻ 5.1	㊼ *	㊽ 0.4	㊾ 2.8	㊿ 4.7
	㉑ GND	㉒ *	㉓ 0.3	㉔ 0.2	㉕ 4.7
	㉖ 0	㉗ 5.1	㉘ 0.4	㉙ GND	㉚ GND
	㉛ 1.6	㉜ *	㉝ 0.3	㉞ 4.6	㉟ 1.5
	㊱ 2.0	㊲ 0.4	㊳ 0.4	㊴ 4.7	㊵ 1.2
	㊶ 1.6	㊷ *	㊸ 0.3	㊹ GND	㊺ 0.5
IC5015	① 2.0	② 0.3	③ 2.3	④ NC	⑤ 2.7
	⑥ 5.1	⑦ 3.0	⑧ 5.1	⑨ 5.1	⑩ NC
	⑪ 0.3	⑫ 2.3	⑬ GND	⑭ 0.4	⑮ 0
	⑯ 0.3	⑰ 3.1	⑱ 0	⑲ 0.6	⑳ 4.1
IC5016	① 0.5	② 3.3	③ 0.2	④ 1.7	
	⑤ 3.2	⑥ GND	⑦ 0.2	⑧ 2.7	
	⑨ 1.7	⑩ GND	⑪ 0.2	⑫ 3.2	
	⑬ 3.3	⑭ GND	⑮ 2.6	⑯ 5.1	
IC6201	① 5.7	② 0	③ 0	④ GND	⑤ NC
	⑥ 0	⑦ 0	⑧ 3.3	⑨ 4.6	⑩ 0.7
	⑪ 0	⑫ 0	⑬ 2.8	⑭ 5.4	⑮ 0.7
	⑯ NC	⑰ NC	⑱ 2.7	⑲ 9.3	⑳ 2.2
	㉑ NC	㉒ NC	㉓ 2.7	㉔ NC	
IC6202	① 0.2	② 6.1	③ 0	④ GND	
	⑤ 0.3	⑥ 6.7	⑦ 2.4	⑧ 5.1	
	⑨ 0.7	⑩ 7.9	⑪ 0.3	⑫ 5.2	
	⑬ 2.6	⑭ GND	⑮ GND	⑯ 9.3	
IC6203	① 0	② 0	③ GND	④ 0	⑤ 0
	⑥ 0	⑦ 0	⑧ 0	⑨ 0	⑩ 5.2
	⑪ 0	⑫ 0	⑬ 0	⑭ 0	
IC6204	① GND	② 0	③ GND	④ GND	⑤ GND
	⑥ GND	⑦ 0	⑧ NC	⑨ NC	⑩ 5.2
	⑪ NC	⑫ 0	⑬ GND	⑭ GND	
IC6205	① 1.8	② 1.8	③ 0	④ 1.8	
	⑤ 1.8	⑥ GND	⑦ 0	⑧ 1.8	
	⑨ 1.8	⑩ GND	⑪ 0	⑫ 1.8	
	⑬ 1.8	⑭ GND	⑮ 1.8	⑯ 5.2	
IC6206	① 2.7	② 2.1	③ NC	④ 3.0	
	⑤ 3.6	⑥ GND	⑦ GND	⑧ 4.9	
IC6207	① 1.7	② 1.7	③ 0	④ 0	
	⑤ 1.7	⑥ GND	⑦ 0	⑧ 1.7	
	⑨ 1.7	⑩ GND	⑪ 0	⑫ 1.7	
	⑬ 1.7	⑭ GND	⑮ 1.7	⑯ 5.2	
IC6208	① 2.7	② 2.1	③ 2.1	④ 2.7	
	⑤ 3.9	⑥ GND	⑦ 3.3	⑧ 4.9	
IC6209	① 5.4	② 4.9	③ 0	④ 0	⑤ 0
	⑥ 5.4	⑦ 4.9	⑧ 5.4	⑨ 0	⑩ 0
	⑪ 0	⑫ 4.9	⑬ GND	⑭ 0	⑮ 0
	⑯ 0	⑰ 3.1	⑱ 0	⑲ 0	⑳ 0
	㉑ NC	㉒ 4.9	㉓ 0	㉔ 0	㉕ 3.1
	㉖ NC	㉗ 4.0	㉘ 0.7	㉙ 0	㉚ 2.8
IC6210	① NC	② 4.4	③ 0.5	④ 0	
	⑤ 4.9	⑥ 0	⑦ GND	⑧ 0	
	⑨ 0	⑩ 2.0	⑪ 0	⑫ 0	
	⑬ 5.4	⑭ 5.4	⑮ GND		
IC6211	① 0	② 0.2	③ GND	④ 0.4	⑤ 5.2
	⑥ 0	⑦ 0.2	⑧ 0	⑨ 0.5	⑩ 5.4
	⑪ 0	⑫ 0	⑬ 0.5	⑭ 4.6	

*: Measurement impossibility.

X (1/2) BOARD WAVEFORMS



Schematic diagrams

X (1/2) board

Schematic diagrams

X (2/2) board