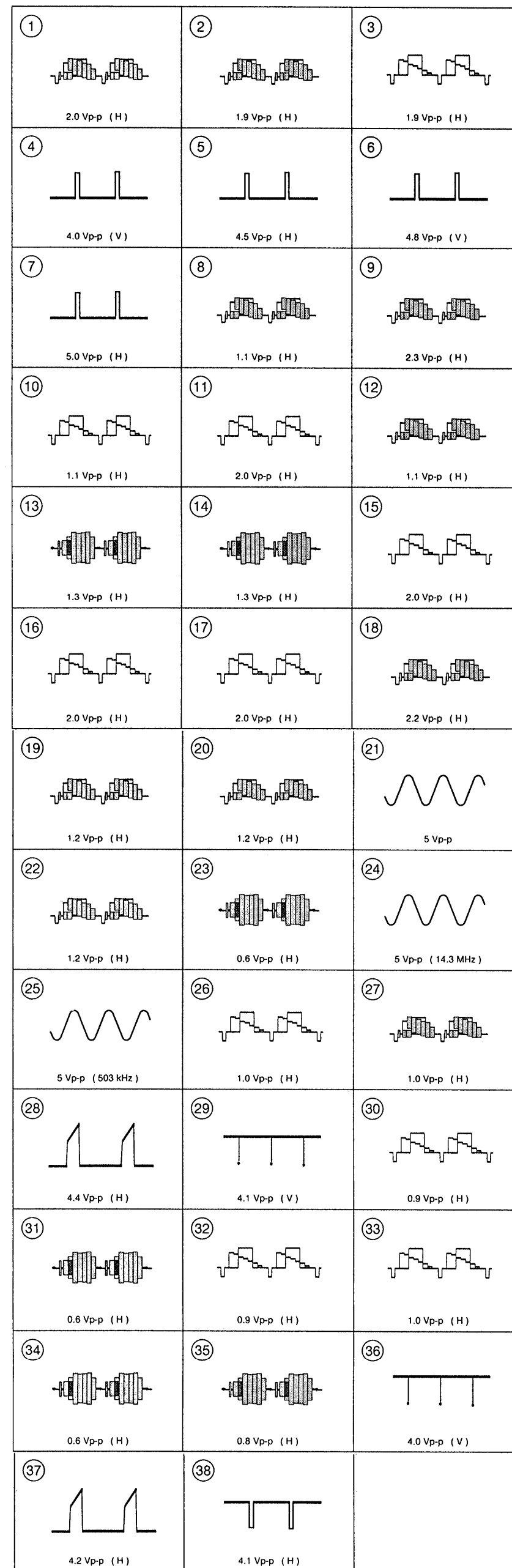


• B BOARD WAVEFORMS



B BOARD TRANSISTOR VOLTAGE LIST

	E	C	B
Q2001	1.7	4.9	2.4
Q2002	1.7	GND	1.0
Q2004	1.7	9.0	2.4
Q2005	2.9	9.1	3.5
Q2006	2.3	GND	1.7
Q2007	1.7	0	1.0
Q2009	GND	0	0.7
Q2010	1.1	4.9	1.7
Q2011	1.7	GND	1.1
Q2015	GND	0	0.7
Q2016	GND	0.7	0
Q2017	2.2	4.8	2.9
Q2019	4.9	8.9	5.5
Q2020	2.0	9.1	2.6
Q2021	2.6	5.5	3.3
Q2022	2.9	9.1	3.5
Q2023	2.0	9.1	2.6
Q2024	6.7	8.9	7.3
Q2025	2.9	9.1	3.5
Q2026	1.8	7.3	2.4
Q2027	3.0	9.1	2.6
Q2028	2.4	9.1	0
Q4111	0.4	4.9	0.9
Q4112	0	4.9	0.4
Q4113	0.4	4.9	0.9
Q4114	0	4.9	0.4
Q4403	1.2	GND	0.6
Q4404	1.3	GND	0.9
Q4541	1.5	4.9	2.2
Q4542	2.2	4.9	2.6
Q4543	2.2	4.9	2.6
Q4544	1.5	4.9	2.2
Q4545	1.6	4.9	2.2
Q4550	3.8	9.1	4.4
Q4551	2.9	GND	2.2
Q4552	3.7	9.1	4.4
Q4553	6.7	6.5	6.0
Q4555	2.3	GND	2.9
Q4556	2.3	GND	1.6
Q4557	0	1.6	0
Q4558	7.9	9.1	8.5
Q4559	4.3	8.5	4.2
Q4560	2.2	4.3	1.6
Q4561	3.1	9.1	3.8
Q4562	1.6	4.9	2.2
Q4563	2.2	4.9	0.4
Q4564	2.2	4.9	0.4
Q4565	1.6	4.9	2.2

All voltages are in V.

	E	C	B
Q4566	2.2	4.9	0.4
Q4567	2.1	4.9	2.2
Q4568	GND	0.4	0.7
Q4569	GND	0.7	0.2
Q4570	GND	4.3	0.2
Q4571	GND	0.6	0.6
Q4572	GND	4.0	0.2
Q4573	2.2	GND	1.5
Q4574	2.2	GND	1.5
Q4575	2.2	GND	1.6

B BOARD IC VOLTAGE LIST

IC2001	①	3.3	⑤	0.3	⑨	5.1	⑬	1.8	⑰	2.4	
	②	NC	⑥	2.6	⑩	GND	⑭	1.5	⑱	1.5	
	③	5.1	⑦	5.1	⑪	1.8	⑮	5.1	⑲	NC	
	④	2.8	⑧	GND	⑫	1.8	⑯	3ND	⑳	2.3	
	⑤	GND	⑬	2.4	⑭	2.0	⑰	1.6			
IC2002	①	NC	⑤	2.6	⑨	GND	⑬	4.8	⑰	4.0	
	②	4.9	⑥	10	GND	⑩	3.4	⑭	3.1	⑲	2.6
	③	2.5	⑦	2.9	⑪	GND	⑮	2.6	⑳	NC	
	④	3.1	⑧	1.9	⑫	4.1	⑯	3.7	㉑	2.6	
	⑤	1.1	⑬	3.0	⑰	NC	㉒	3.7			
	⑥	3.8	⑭	4.9	⑱	0.3	㉓	GND			
	⑦	2.1	⑮	4.8	㉔	3.9	㉕	NC			
	⑧	NC	⑮	3.0	㉖	GND	㉗	NC			
IC2005	①	GND	㉑	2.8	⑪	1.3	⑰	NC	㉒	2.4	
	②	GND	㉒	1.7	⑫	2.0	⑱	NC	㉓	4.9	
	③	GND	㉓	1.7	⑬	2.2	㉔	NC	㉕	NC	
	④	GND	㉔	2.0	⑭	2.1	㉕	NC	㉖	GND	
	⑤	GND	㉕	2.5	⑮	2.2	㉖	NC	㉗	2.6	
	⑥	GND	㉖	1.9	⑯	2.1	㉗	NC	㉘	3.9	
	⑦	GND	㉗	2.0	⑰	2.2	㉘	NC	㉙	7	
	⑧	GND	㉘	1.3	⑱	2.1	㉙	NC	㉚	0.6	
	⑨	GND	㉙	2.5	⑲	2.3	㉚	NC	㉛	4.9	
	⑩	2.3	㉚	GND	㉛	4.9	㉜	NC	㉝	1.1	
	⑪	2.5	㉛	4.9	⑲	GND	⑲	NC	㉞	1.1	
	⑫	1.5	㉜	1.4	㉜	GND	㉜	NC	㉟	2.9	
	⑬	2.4	㉝	1.4	㉝	GND	㉝	NC	㊱	4.9	
	⑭	1.6	㉞	1.6	㉞	GND	㉞	NC	㊲	0.5	
	⑮	1.5	㉟	2.2	㉟	GND	㉟	NC	㊳	GND	
	⑯	1.8	㊱	1.6	㊱	4.6	㊱	NC	㊲	4.1	
	⑰	2.0	㊲	1.5	㊲	4.6	㊲	NC	㊳	0.3	
	⑱	1.8	㊳	4.9	㊳	0	㊳	0	㊴	0	
	⑲	1.8	㊴	0	㊴	GND	㊴	GND	㊵	4.9	
	㉑	1.6	㊵	1.3	㊵	NC	㊵	GND	㊶	2.4	
IC2006	①	2.0	⑦	GND	⑬	2.8	⑰	4.9	㉑	1.6	
	②	1.9	⑧	4.9	⑭	1.6	⑱	1.4	㉒	2.2	
	③	2.5	⑨	1.4	⑮	1.3	㉓	4.9	㉔	1.6	
	④	2.0	⑩	4.8	⑯	2.5	㉔	GND	㉕	1.5	
	⑤	GND	⑪	1.7	⑰	1.4	㉕	GND			
⑥	GND	⑬	1.7	⑮	1.4	㉖	GND				
IC2007	①	NC	⑦	NC	⑬	NC	⑰	2.1	㉑	4.9	
	②	NC	⑧	NC	⑭	GND	⑱	2.3	㉒	NC	
	③	4.9	⑨	2.1	⑮	NC	㉓	NC	㉔	NC	
	④	0	⑩	2.2	⑯	NC	㉕	NC	㉖	4.9	
	⑤	1.4	⑪	2.0	⑰	2.1	㉖	1.4			
	⑥	2.2	⑬	NC	⑮	2.2	㉗	0			
IC2201	IN 9.1 OUT 5.1										
IC4051	①	0	③	0	⑤	0	⑦	0			
	②	0	④	-5.0	⑥	0	⑧	4.9			
IC4081	①	0	③	0	⑤	0	⑦	0			
	②	0	④	-5.0	⑥	0	⑧	4.9			
IC4111	①	0	③	0	⑤	0	⑦	0			
	②	0	④	-5.0	⑥	0	⑧	4.9			
IC4141	①	0	③	0	⑤	0	⑦	0			
	②	0	④	-5.0	⑥	0	⑧	4.9			
IC4171	①	0	③	0	⑤	0	⑦	0			
	②	0	④	-5.0	⑥	0	⑧	4.9			
IC4301	①	0	③	0	⑤	0	⑦	0			
	②	0	④	-5.0	⑥	0	⑧	4.9			
IC4525	①	1.5	⑤	1.6	⑨	0	⑬	1.6			
	②	1.6	⑥	GND	⑩	0	⑭	1.5			
	③	1.6	⑦	GND	⑪	0	⑮	1.5			
	④	1.6	⑧	GND	⑫	2.1	⑯	4.9			
IC4526	①	NC	⑤	7.2	⑨	NC	⑬	GND			
	②	0.2	⑥	8.7	⑩	NC	⑭	4.7			
	③	NC	⑦	8.2	⑪	GND	⑮	4.8			
	④	2.4	⑧	GND	⑫	GND	⑯	9.1			
IC4527	①	4.1	③	4.1	⑤	4.1	⑦	4.4			
	②	0	④	4.7	⑥	9.1	⑧	GND			
IC4528	①	4.2	③	4.1	⑤	4.1	⑦	4.4			
	②	0	④	4.7	⑥	9.1	⑧				
IC4529	①	4.1	③	4.1	⑤	4.1	⑦	4.3			
	②	0	④	GND	⑥	9.1	⑧	GND			

