

Freq / Hz			SPEC 48	SPEC 128	Z80	Z80: DE	QL		
			BEEP	PLAY	HL	per sec	BEEP	Freq / Hz	% error
C	8	4186.009	48	O9c	O8C	74	4186.009		
B	7	3951.066	47	O8b	O7B	80	3951.066		
A# Bb	7	3729.310	46	O8#a/\$b	O7#A/\$B	87	3729.310		
A	7	3520.000	45	O8a	O7A	94	3520.000		
G# Ab	7	3322.438	44	O8#g/\$a	O7#G/\$A	101	3322.438		
G	7	3135.963	43	O8g	O7G	109	3135.963		
F# Gb	7	2959.955	42	O8#f/\$g	O7#F/\$G	117	2959.955		
F	7	2793.826	41	O8f	O7F	126	2793.826		
E	7	2637.020	40	O8e	O7E	135	2637.020		
D# Eb	7	2489.016	39	O8#d/\$e	O7#D/\$E	145	2489.016		
D	7	2349.318	38	O8d	O7D	156	2349.318		
C# Db	7	2217.461	37	O8#c/\$d	O7#C/\$D	167	2217.461		
C	7	2093.005	36	O8c	O7C	178	2093.005		
B	6	1975.533	35	O7b	O6B	191	1975.533		
A# Bb	6	1864.655	34	O7#a/\$b	O6#A/\$B	204	1864.655		
A	6	1760.000	33	O7a	O6A	218	1760.000		
G# Ab	6	1661.219	32	O7#g/\$a	O6#G/\$A	233	1661.219		
G	6	1567.982	31	O7g	O6G	248	1567.982		
F# Gb	6	1479.978	30	O7#f/\$g	O6#F/\$G	265	1479.978		
F	6	1396.913	29	O7f	O6F	283	1396.913		
E	6	1318.510	28	O7e	O6E	301	1318.510		
D# Eb	6	1244.508	27	O7#d/\$e	O6#D/\$E	321	1244.508		
D	6	1174.659	26	O7d	O6D	342	1174.659		
C# Db	6	1108.731	25	O7#c/\$d	O6#C/\$D	364	1108.731		
C	6	1046.502	24	O7c	O5C	387	1046.502		
B	5	987.767	23	O6b	O5B	412	987.767		
A# Bb	5	932.328	22	O6#a/\$b	O5#A/\$B	439	932.328		
A	5	880.000	21	O6a	O5A	467	880.000	5	878.475 -0.173
G# Ab	5	830.609	20	O6#g/\$a	O5#G/\$A	496	830.609		
G	5	783.991	19	O6g	O5G	527	783.991		
F# Gb	5	739.989	18	O6#f/\$g	O5#F/\$G	561	739.989		
F	5	698.456	17	O6f	O5F	596	698.456		
E	5	659.255	16	O6e	O5E	633	659.255		
D# Eb	5	622.254	15	O6#d/\$e	O5#D/\$E	672	622.254		
D	5	587.330	14	O6d	O5D	714	587.330		
C# Db	5	554.365	13	O6#c/\$d	O5#C/\$D	759	554.365		
C	5	523.251	12	O6c	O5C	805	523.251	14	519.549 -0.708
B	4	493.883	11	O5b	O4B	855	493.883	15	496.987 0.628
A# Bb	4	466.164	10	O5#a/\$b	O4#A/\$B	908	466.164		
A	4	440.000	9	O5a	O4A	964	440.000	18	439.703 -0.067
G# Ab	4	415.305	8	O5#g/\$a	O4#G/\$A	1023	415.305		
G	4	391.995	7	O5g	O4G	1085	391.995	21	394.260 0.578
F# Gb	4	369.994	6	O5#f/\$g	O4#F/\$G	1152	369.994	23	368.846 -0.310
F	4	349.228	5	O5f	O4F	1222	349.228	25	346.511 -0.778
E	4	329.628	4	O5e	O4E	1297	329.628	27	326.726 -0.880
D# Eb	4	311.127	3	O5#d/\$e	O4#D/\$E	1376	311.127	29	309.078 -0.659
D	4	293.665	2	O5d	O4D	1459	293.665	31	293.239 -0.145
C# Db	4	277.183	1	O5#c/\$d	O4#C/\$D	1548	277.183	33	278.944 0.636
C	4	261.626	0	O5c	O4C	1642	261.626	36	259.937 -0.645
B	3	246.942	-1	O4b	O4B	1741	246.942	38	248.643 0.689
A# Bb	3	233.082	-2	O4#a/\$b	O3#A/\$B	1846	233.082	41	233.428 0.149
A	3	220.000	-3	O4a	O3A	1958	220.000	44	219.968 -0.014
G# Ab	3	207.652	-4	O4#g/\$a	O3#G/\$A	2076	207.652	47	207.976 0.156
G	3	195.998	-5	O4g	O3G	2202	195.998	50	197.224 0.626
F# Gb	3	184.997	-6	O4#f/\$g	O3#F/\$G	2334	184.997	54	184.505 -0.266
F	3	174.614	-7	O4f	O3F	2475	174.614	58	173.328 -0.737
E	3	164.814	-8	O4e	O3E	2624	164.814	61	165.795 0.595
D# Eb	3	155.563	-9	O4#d/\$e	O3#D/\$E	2782	155.563	66	154.597 -0.621
D	3	146.832	-10	O4d	O3D	2949	146.832	70	146.671 -0.110
C# Db	3	138.591	-11	O4#c/\$d	O3#C/\$D	3126	138.591	75	137.839 -0.543
C	3	130.813	-12	O4c	O3C	3314	130.813	79	131.503 0.528
B	2	123.471	-13	O3b	O2B	3513	123.471	85	123.022 -0.364
A# Bb	2	116.541	-14	O3#a/\$b	O2#A/\$B	3723	116.541	90	116.747 0.177
A	2	110.000	-15	O3a	O2A	3947	110.000	96	110.013 0.012
G# Ab	2	103.826	-16	O3#g/\$a	O2#G/\$A	4183	103.826	102	104.014 0.181
G	2	97.999	-17	O3g	O2G	4434	97.999	109	97.792 -0.211
F# Gb	2	92.499	-18	O3#f/\$g	O2#F/\$G	4699	92.499	116	92.273 -0.244
F	2	87.307	-19	O3f	O2F	4980	87.307	123	87.344 0.042
E	2	82.407	-20	O3e	O2E	5278	82.407	131	82.318 -0.108
D# Eb	2	77.782	-21	O3#d/\$e	O2#D/\$E	5594	77.782	139	77.839 0.073
D	2	73.416	-22	O3d	O2D	5929	73.416	148	73.349 -0.092
C# Db	2	69.296	-23	O3#c/\$d	O2#C/\$D	6283	69.296	157	69.349 0.076
C	2	65.406	-24	O3c	O2C	6658	65.406	167	65.386 -0.031
B	1	61.735	-25	O2b	O4B	7056	61.735	177	61.853 0.190
A# Bb	1	58.270	-26	O2#a/\$b	O1#A/\$B	7477	58.270	188	58.382 0.191
A	1	55.000	-27	O2a	O1A	7924	55.000	200	55.014 0.025
G# Ab	1	51.913	-28	O2#g/\$a	O1#G/\$A	8397	51.913	212	52.014 0.194
G	1	48.999	-29	O2g	O1G	8898	48.999	226	48.902 -0.199
F# Gb	1	46.249	-30	O2#f/\$g	O1#F/\$G	9429	46.249	239	46.329 0.171
F	1	43.654	-31	O2f	O1F	9991	43.654	254	43.676 0.052
E	1	41.203	-32	O2e	O1E	10587	41.203		
D# Eb	1	38.891	-33	O2#d/\$e	O1#D/\$E	11219	38.891		
D	1	36.708	-34	O2d	O1D	11888	36.708		
C# Db	1	34.648	-35	O2#c/\$d	O1#C/\$D	12596	34.648		
C	1	32.703	-36	O2c	O1C	13347	32.703		
B	0	30.868	-37	O1b	O0B	14143	30.868		
A# Bb	0	29.135	-38	O1#a/\$b	O0#A/\$B	14986	29.135		
A	0	27.500	-39	O1a	O0A	15878	27.500		

NOTE:
One semitone higher
= +5.946% error
One semitone lower
= -5.613% error