Multisample Zones

Wave Name	Key Zone (MIDI #) 0-7	8-15	16-23	24-31	32-39	40-47	48-55	56-63	64-71	72-79	80-87	88-95	96-103	104-111	112-119	120-127	
SAW	$34	$34	$34	$34	$34	$35	$36	$36	$37	$37	$38	$38	$39	$18	$16	$15	Waves common to ESQ1 and SQ80
BELL	$09	$09	$09	$09	$09	$09	$09	$09	$0a	$0b	$0c	$24	$24	$18	$16	$15	
SINE	$15	$15	$15	$15	$15	$15	$15	$15	$15	$15	$15	$15	$15	$15	$15	$15	
SQUARE	$46	$46	$46	$46	$46	$47	$48	$48	$49	$49	$4a	$4a	$4b	$19	$15	$15	
PULSE	$02	$02	$02	$02	$02	$02	$02	$03	$04	$05	$06	$07	$08	$1a	$17	$15	
NOISE1	$00	$00	$00	$00	$00	$00	$00	$00	$00	$00	$00	$00	$00	$00	$00	$00	
NOISE2	$20	$20	$20	$20	$20	$20	$20	$20	$20	$20	$20	$20	$20	$20	$20	$20	
NOISE3	$01	$01	$01	$01	$01	$01	$01	$01	$01	$01	$01	$01	$01	$01	$01	$01	
BASS	$27	$27	$27	$27	$27	$27	$27	$27	$28	$29	$29	$2a	$2a	$18	$16	$15	
PIANO	$21	$21	$21	$21	$21	$22	$23	$42	$43	$44	$45	$45	$18	$18	$16	$15	
EL PNO	$3f	$3f	$3f	$3f	$3f	$3f	$3f	$3f	$3f	$40	$40	$41	$41	$18	$16	$15	
VOICE1	$25	$25	$25	$25	$25	$3a	$26	$3b	$3c	$3d	$3e	$3e	$17	$17	$17	$15	
VOICE2	$25	$25	$25	$25	$25	$25	$3a	$26	$3b	$3c	$3d	$3e	$17	$17	$17	$15	
KICK	$1f	$1f	$1f	$1f	$1f	$1f	$1f	$1f	$1f	$1f	$1f	$1f	$1f	$1f	$1f	$1f	
REED	$1d	$1d	$1d	$1d	$1d	$1d	$1d	$1e	$4c	$4d	$4e	$4f	$50	$51	$17	$15	
ORGAN	$0d	$0d	$0d	$0d	$0d	$0d	$0d	$0d	$0d	$0d	$0d	$0e	$0e	$17	$17	$15	
SYNTH1	$0f	$0f	$0f	$0f	$0f	$0f	$0f	$0f	$0f	$0f	$10	$11	$11	$17	$17	$15	
SYNTH2	$12	$12	$12	$12	$12	$12	$12	$12	$12	$12	$13	$14	$14	$15	$15	$15	
SYNTH3	$1b	$1b	$1b	$1b	$1b	$1b	$1b	$1b	$1b	$1b	$1c	$1c	$1a	$1a	$17	$15	
FORMT1	$2b	$2b	$2c	$2d	$2e	$2f	$30	$31	$32	$33	$33	$33	$33	$18	$16	$15	
FORMT2	$2b	$2b	$2b	$2c	$2d	$2e	$2f	$30	$31	$32	$33	$33	$33	$18	$16	$15	
FORMT3	$2b	$2b	$2b	$2b	$2c	$2d	$2e	$2f	$30	$31	$32	$33	$33	$18	$16	$15	
FORMT4	$2b	$2b	$2b	$2b	$2b	$2c	$2d	$2e	$2f	$30	$31	$32	$33	$18	$16	$15	
FORMT5	$2b	$2b	$2b	$2b	$2b	$2b	$2c	$2d	$2e	$2f	$30	$31	$32	$18	$16	$15	
PULSE2	$07	$07	$07	$07	$07	$07	$07	$07	$07	$07	$07	$07	$08	$1a	$17	$15	
SQR 2	$4b	$4b	$4b	$4b	$4b	$4b	$4b	$4b	$4b	$4b	$4b	$4b	$4b	$19	$15	$15	
4 OCTS	$0e	$0e	$0e	$0e	$0e	$0e	$0e	$0e	$0e	$0e	$0e	$0e	$0e	$17	$17	$15	
PRIME	$1c	$1c	$1c	$1c	$1c	$1c	$1c	$1c	$1c	$1c	$1c	$1c	$1a	$1a	$17	$15	
BASS 2	$29	$29	$29	$29	$29	$29	$29	$29	$29	$29	$29	$2a	$2a	$18	$16	$15	
E PNO2	$41	$41	$41	$41	$41	$41	$41	$41	$41	$41	$41	$41	$41	$18	$16	$15	
OCTAVE	$17	$17	$17	$17	$17	$17	$17	$17	$17	$17	$17	$17	$17	$17	$17	$15	
OCT+5	$1a	$1a	$1a	$1a	$1a	$1a	$1a	$1a	$1a	$1a	$1a	$1a	$1a	$1a	$17	$15	
SAW 2	$18	$18	$18	$18	$18	$18	$18	$18	$18	$18	$18	$18	$18	$18	$16	$15	SQ80-specific waves
TRIANG	$19	$19	$19	$19	$19	$19	$19	$19	$19	$19	$19	$19	$19	$19	$15	$15	
REED 2	$30	$30	$30	$30	$30	$30	$30	$30	$30	$30	$31	$32	$33	$18	$16	$15	
REED 3	$8c	$8c	$8c	$8c	$8c	$8c	$8c	$8c	$8c	$8c	$8c	$8c	$08	$1a	$17	$15	
GRIT 1	$6e	$6e	$6e	$6e	$6e	$6f	$70	$71	$72	$73	$74	$1a	$1a	$1a	$17	$15	
GRIT 2	$6d	$6d	$6d	$6d	$6d	$6e	$6f	$70	$71	$72	$73	$74	$74	$1a	$17	$15	
GRIT 3	$6d	$6d	$6d	$6d	$6d	$6d	$6e	$6f	$70	$71	$72	$73	$74	$1a	$17	$15	
GLINT1	$8d	$8d	$8d	$8d	$8d	$8e	$8f	$90	$91	$92	$93	$94	$95	$96	$15	$15	
GLINT2	$8d	$8d	$8d	$8d	$8e	$8f	$90	$91	$92	$93	$94	$95	$96	$15	$15	$15	
GLINT3	$8d	$8d	$8d	$8e	$8f	$90	$91	$92	$93	$94	$95	$96	$15	$15	$15	$15	
CLAV	$89	$89	$89	$89	$89	$89	$89	$8a	$8b	$8b	$8c	$8c	$08	$1a	$17	$15	
BRASS	$76	$76	$76	$76	$76	$76	$76	$76	$7b	$7b	$7b	$7c	$7c	$18	$16	$15	
STRING	$80	$80	$80	$80	$80	$80	$80	$80	$80	$7d	$7e	$7f	$7f	$1a	$17	$15	
DIGIT1	$85	$85	$85	$85	$85	$85	$85	$85	$85	$86	$86	$07	$08	$1a	$17	$15	
DIGIT2	$87	$87	$87	$87	$87	$87	$87	$87	$87	$87	$88	$88	$88	$19	$15	$15	
BELL 2	$78	$78	$78	$78	$78	$78	$78	$78	$78	$78	$77	$77	$77	$15	$15	$15	
ALIEN	$81	$81	$81	$81	$81	$81	$81	$82	$82	$83	$84	$84	$84	$1a	$17	$15	
BREATH	$67	$67	$67	$67	$67	$67	$67	$67	$67	$67	$67	$15	$15	$15	$15	$15	
VOICE3	$65	$65	$65	$65	$65	$65	$65	$65	$65	$66	$66	$17	$17	$17	$17	$15	
STEAM	$64	$64	$64	$64	$64	$64	$64	$64	$64	$64	$64	$64	$64	$64	$64	$64	
METAL	$63	$63	$63	$63	$63	$63	$63	$63	$63	$63	$63	$63	$63	$63	$63	$63	
CHIME	$68	$68	$68	$68	$68	$68	$68	$68	$68	$69	$69	$69	$69	$69	$69	$69	
BOWING	$52	$52	$52	$52	$52	$52	$55	$55	$55	$55	$55	$55	$55	$55	$55	$55	
PICK 1	$5b	$5b	$5b	$5b	$5b	$5b	$5c	$5c	$5c	$5c	$5c	$5c	$5c	$5c	$5c	$5c	
PICK 2	$56	$56	$56	$56	$56	$56	$56	$58	$58	$58	$58	$58	$58	$58	$58	$58	
MALLET	$5e	$5e	$5e	$5e	$5e	$5e	$5e	$5e	$5e	$5e	$5e	$5e	$5e	$5e	$5e	$5e	
SLAP	$5d	$5d	$5d	$5d	$5d	$5d	$5d	$5d	$5d	$5d	$5d	$5d	$5d	$5d	$5d	$5d	
PLINK	$57	$57	$57	$57	$57	$57	$57	$57	$57	$57	$57	$57	$57	$57	$57	$57	
PLUCK	$54	$54	$54	$54	$54	$54	$54	$54	$54	$54	$54	$54	$54	$54	$54	$54	
PLUNK	$53	$53	$53	$53	$53	$53	$53	$53	$53	$53	$53	$53	$53	$53	$53	$53	
CLICK	$79	$79	$79	$79	$79	$79	$79	$79	$79	$79	$79	$79	$79	$79	$79	$79	
CHIFF	$5a	$5a	$5a	$5a	$5a	$5a	$5a	$5a	$59	$59	$59	$59	$59	$59	$59	$59	
THUMP	$7a	$7a	$7a	$7a	$7a	$7a	$7a	$7a	$7a	$7a	$7a	$7a	$7a	$7a	$7a	$7a	
LOGDRM	$6b	$6b	$6b	$6b	$6b	$6b	$6b	$6b	$6b	$6b	$6b	$6b	$6b	$6b	$6b	$6b	
KICK 2	$6a	$6a	$6a	$6a	$6a	$6a	$6a	$6a	$6a	$6a	$6a	$6a	$6a	$6a	$6a	$6a	
SNARE	$61	$61	$61	$61	$61	$61	$61	$61	$61	$61	$61	$61	$61	$61	$61	$61	
TOMTOM	$5f	$5f	$5f	$5f	$5f	$5f	$5f	$5f	$5f	$5f	$5f	$5f	$5f	$5f	$5f	$5f	
HI-HAT	$75	$75	$75	$75	$75	$75	$75	$75	$75	$75	$75	$75	$75	$75	$75	$75	
DRUMS1	$6a	$6a	$6a	$6a	$6a	$75	$61	$6c	$60	$60	$60	$60	$60	$60	$60	$60	
DRUMS2	$6a	$6a	$6a	$6a	$6a	$75	$61	$60	$60	$60	$60	$60	$60	$60	$60	$60	
DRUMS3	$6a	$6a	$6a	$6a	$6a	$75	$61	$6c	$6c	$6c	$6c	$6c	$6c	$6c	$6c	$6c	
DRUMS4	$6a	$6a	$6a	$6a	$6a	$75	$60	$60	$60	$60	$60	$60	$60	$60	$60	$60	
DRUMS5	$6a	$6a	$6a	$6a	$6a	$75	$62	$62	$62	$62	$62	$62	$62	$62	$62	$62	

Raw Wave Parameters

Hex index	Wave ROM page	WSR value	Semi-tone shift	Fine tune	Usage	Comment
0	$00	$24	$00	$00	noise1	ROM #1 -- this is also the ESQ1 wave set
	$00	$19	$00	$00	noise3	
	$10	$19	$00	$00	pulse.1	
	$18	$19	$00	$00	pulse.2	
	$20	$19	$00	$00	pulse.3	
	$28	$11	$00	$00	pulse.4	
	$2c	$11	$00	$00	pulse.5	
	$30	$11	$00	$00	pulse.6	
	$34	$11	$00	$00	pulse.7	
	$38	$11	$00	$00	bell.1	
	$3c	$11	$00	$00	bell.2	
	$40	$11	$00	$00	bell.3	
	$44	$11	$00	$00	bell.4	
	$48	$11	$00	$00	organ.1	
	$4c	$11	$00	$00	organ.2	
	$50	$11	$00	$00	synth1.1	
10	$54	$11	$00	$00	synth1.2	
	$58	$11	$00	$00	synth1.3	
	$5c	$11	$00	$00	synth2.1	
	$60	$11	$00	$00	synth2.2	
	$64	$11	$00	$00	synth2.3	
	$68	$11	$00	$00	sine	
	$6c	$11	$00	$00	more aggressive sine	
	$70	$11	$00	$00	octave	
	$74	$11	$00	$00	saw2	
	$78	$11	$00	$00	triang	
	$7c	$11	$00	$00	oct+5	
	$80	$11	$00	$00	synth3.1	
	$84	$11	$00	$00	prime / synth 3.2	
	$88	$11	$00	$00	reed.1	
	$8c	$11	$00	$00	reed.2	
	$90	$11	$00	$00	kick	
20	$94	$11	$00	$00	noise2	
	$98	$13	$00	$00	piano.1.low	
	$9c	$13	$00	$00	piano.2.low	
	$a0	$13	$00	$00	piano.3.low	
	$a4	$09	$00	$00	bell.3	
	$a6	$09	$00	$00	voice.1	
	$a8	$09	$00	$00	voice.3	
	$aa	$09	$00	$00	bass.1	
	$ac	$09	$00	$00	bass.2	
	$ae	$09	$00	$00	bass.3	
	$b0	$09	$00	$00	bass.4	
	$b2	$09	$00	$00	formt.1	
	$b4	$09	$00	$00	formt.2	
	$b6	$09	$00	$00	formt.3	
	$b8	$09	$00	$00	formt.4	
	$ba	$09	$00	$00	formt.5	
30	$bc	$09	$00	$00	formt.6	
	$be	$09	$00	$00	formt.7	
	$c0	$09	$00	$00	formt.8	
	$c2	$09	$00	$00	formt.9	
	$c4	$09	$00	$00	saw1	
	$c6	$09	$00	$00	saw2	
	$c8	$09	$00	$00	saw3	
	$ca	$09	$00	$00	saw4	
	$cc	$09	$00	$00	saw5	
	$ce	$09	$00	$00	saw6	
	$d0	$09	$00	$00	voice.2	
	$d2	$09	$00	$00	voice.4	
	$d4	$09	$00	$00	voice.5	
	$d6	$09	$00	$00	voice.6	
	$d8	$09	$00	$00	voice.7	
	$da	$09	$00	$00	el-pno.1	
40	$dc	$09	$00	$00	el-pno.2	
	$de	$09	$00	$00	el-pno.3	
	$e0	$09	$00	$00	piano.1.high	
	$e2	$09	$00	$00	piano.2.high	
	$e4	$09	$00	$00	piano.3.high	
	$e6	$09	$00	$00	piano4.high	
	$e8	$09	$00	$00	square.1	
	$ea	$09	$00	$00	square.2	
	$ec	$09	$00	$00	square.3	
	$ee	$09	$00	$00	square.4	
	$f0	$09	$00	$00	square.5	
	$f2	$09	$00	$00	square.6	
	$f4	$09	$00	$00	reed.3	
	$f6	$09	$00	$00	reed.4	
	$f8	$09	$00	$00	reed.5	
	$fa	$09	$00	$00	reed.6	
50	$fc	$09	$00	$00	reed.7	
	$fe	$09	$00	$00	reed.8	
	$00	$74	$dc	$00	bowing.1	ROM #2
	$28	$5b	$e0	$bc	plunk	
	$30	$64	$cd	$fc	plick	
	$40	$74	$dc	$00	bowing.2	
	$80	$74	$e3	$30	pick2.1	
	$b0	$64	$e0	$a8	plink	
	$c0	$74	$dc	$30	pick2.2	
	$f0	$64	$e8	$00	chiff.2	
	$00	$ac	$ee	$30	chiff.1	ROM #3
	$20	$a4	$f9	$1c	pick1.1	
	$30	$a4	$f4	$00	pick1.2	
	$40	$ac	$f4	$00	slap	
	$60	$ac	$e8	$00	mallet	
	$80	$ac	$c9	$3c	tomtom	
	$80	$ac	$bd	$3c	tomtom.ds	
	$a0	$ac	$dd	$00	snare	
	$a0	$ac	$d5	$00	snare.ds	
	$c0	$ac	$e4	$4c	metal	
	$e0	$ac	$d8	$00	steam	
	$00	$ec	$dc	$00	voice3.1	ROM #4
	$20	$ec	$dc	$00	voice3.2	
	$40	$ec	$e8	$00	breath	
	$60	$e4	$09	$96	chime.1	
	$70	$e4	$09	$96	chime.2	
	$80	$e4	$f9	$00	kick.2	
	$90	$e4	$00	$00	logdrm	
	$90	$e4	$e8	$00	logdrm.ds	
	$a0	$d1	$00	$00	grit.1	
	$a4	$d1	$00	$00	grit.2	
	$a8	$d1	$00	$00	grit.3	
70	$ac	$d1	$00	$00	grit.4	
	$b0	$d1	$00	$00	grit.5	
	$b4	$d1	$00	$00	grit.6	
	$b8	$d1	$00	$00	grit.7	
	$bc	$d1	$00	$00	grit.8	
	$c0	$e4	$f7	$00	hi	
	$cc	$c9	$00	$00	brass.1	
	$ce	$c9	$00	$00	bell2.2	
	$d0	$d1	$00	$00	bell2.1	
	$d4	$d2	$e8	$00	click	
	$d8	$db	$e8	$00	thump	
	$e0	$c1	$00	$00	brass.2	
	$e1	$c1	$00	$00	brass.3	
	$e2	$c9	$00	$00	string.2	
	$e4	$c9	$00	$00	string.3	
	$e6	$c9	$00	$00	string.4	
80	$e8	$c1	$00	$00	string.1	
	$e9	$c1	$00	$00	alien.1	
	$ea	$c9	$00	$00	alien.2	
	$ec	$c9	$00	$00	alien.3	
	$ee	$c9	$00	$00	alien.4	
	$f0	$c9	$00	$00	digit1.1	
	$f2	$c9	$00	$00	digit1.2	
	$f4	$c9	$00	$00	digit2.1	
	$f6	$c9	$00	$00	digit2.2	
	$f8	$c9	$00	$00	clav.1	
	$fa	$c9	$00	$00	clav.2	
	$fc	$c9	$00	$00	clav.3	
	$fe	$c9	$00	$00	clav.4	
	$68	$11	$54	$00	glint.1	No extra waves but alterations of SINE
	$68	$11	$48	$00	glint.2	
	$68	$11	$43	$00	glint.3	
90	$68	$11	$3c	$00	glint.4	
	$68	$11	$30	$00	glint.5	
	$68	$11	$2b	$00	glint.6	
	$68	$11	$24	$00	glint.7	
	$68	$11	$18	$00	glint.8	
	$68	$11	$13	$00	glint.9	
96	$68	$11	$0c	$00	glint.10	