```
SOURCE FILE: TONEGEN.SCO
SOURCE FILE: TONEGEN.SC1
                  1; MOCKINGBOARD MIDI TONE GENERATOR FROM THE 1990'S
0000:
                   ; SOURCE RECONSTRUCTED FROM MACHINE CODE IN 2022
0000:
0000:
                  3
0000:
                  4 : SLOT DEPENDENT ADDRESSES
                  5 PPMIDICR EQU $C0A8
                                            ; PASSPORT MIDI IN SLOT 2
C0A8:
C0A9:
                  6 PPMIDIDR EQU $C0A9
C400:
                  7 MOCKBASE EQU $C400
                                            ; MOCKINGBOARD IN SLOT 4
0000:
                  8
0000:
                  9 ; APPLE ADDRESSES
C000:
                 10 APPLEKBD EOU $C000
                 11 KBDSTROB EQU $C010
C010:
FCA8:
                 12 MONWAIT
                                  EQU
                                            $FCA8
                 13;
0000:
0000:
                 14 ; DATA SECTIONS TO BE LOADED FROM BASIC
0D00:
                 15 MIDISCRL EQU $0D00
                                            ;SCREEN ADDRESS LO OF EACH MIDI NOTE N
UMBER
0D80:
                 16 MIDISCRH EQU $0D80
                                            ;SCREEN ADDRESS HI OF EACH MIDI NOTE N
UMBER
0E00:
                 17 NUMDBYTS EQU $0E00
                                            ; NUMBER OF DATA BYTES PER MIDI STATUS
MESSAGE ($980-$9FF)
                                            ; MOUSETXT CHARACTER FOR EACH MIDI NOTE
0E80:
                 18 MOUSETXT EQU $0E80
 (00-7F)
0F00:
                 19 MIDMOCKL EQU $0F00
                                            ;LO BYTES FOR MKB TUNINGS BY MIDI NOTE
 #
0F80:
                 20 MIDMOCKH EQU $0F80
                                            ;HI BYTES FOR MKB TUNINGS BY MIDI NOTE
#
0000:
                 21;
                 22 ; ZERO PAGE USAGE
0000:
                 23 ZPTEXTL
0000:
                                 EQU
                                            $00
                                                   ;USED FOR POKING TEXT SCREEN
0001:
                 24 ZPTEXTH
                                 EQU
                                            $01
0006:
                 25 SONGL
                                             EQU $06
                                                                   ; POINT TO START O
F SONG SEQUENCE (MFF0 TRACK)
0007:
                 26 SONGH
                                             EQU $07
0008:
                 27 SONGENDL EQU $08
                                                         ; POINT TO END OF SONG SEQU
ENCE
0009:
                 28 SONGENDH EQU $09
00FA:
                 29 MIDISTSB EQU $FA
                                                         ;CURRENT MIDI STATUS BYTE
00FB:
                 30 SONGBYTL EQU $FB
                                                         ; SONG POINTER
00FC:
                 31 SONGBYTH EQU $FC
00FD:
                 32 DELTAL
                                            EQU $FD
                                                                  ; DELTA TIME COUNTE
R
                                            EQU $FE
00FE:
                 33 DELTAH
00FF:
                 34 SPEED
                                             EQU $FF
                                                                   ; CONTROLS SPEED O
F MIDI PLAYBACK
                 35 ;
0000:
0008:
                 36 KEYCTRLH EQU $08
                                                         ;LEFT ARROW MAKES SONG PLA
Y FASTER
0015:
                 37 KEYCTRLU EQU $15
                                                         ; RIGHT ARROW MAKES SONG PL
AY SLOWER
0000:
                 38 ;
---- NEXT OBJECT FILE NAME IS TONEGEN.OBJ
                                                   ORG $0900
                                                                        ; ALLOWS SMAL
0900:
                 39
L BASIC PROGRAM AT $0800
0900:
                 40;
0900:4C 98 0B
                 41
                                                   JMP TONEGEN
                                                                        ; PLAY MIDI I
N ON MOCKINGBOARD WITH PIANO DISPLAY
0903:4C E4 09
                 42
                                                   JMP PLAYSONG
                                                                        ; PLAY MIDI S
EQUENCE (6,7) THRU (8,9)
0906:4C 2D 09
                                                   JMP INITPSPT
                                                                        ; INIT PASSPO
RT CARD
0909:4C 60 09
                                                   JMP INITMOCK
                                                                        ; INIT MOCKIN
```

GBOARD

090C:4C 41 09	45					.TMP	TESTMIDI	;TEST SENDIN
G ONE BYTE TH		סד סטיד אסו	JTTNF	₹		0111	IDDIIIDI	, ILDI DENDIN
090F:4C A5 09	46			_		JMP	MOCKPOKE	;TEST POKING
ONE MOCKINGE		REGISTER						,
0912:4C D2 09						JMP	PANIC	;TURN ALL SO
UNDS OFF								•
0915:	48	;						
0915:00		INBYTE			DFB \$	00	;MID:	I BYTE TO SEND
0916:01	50	PIANOON		DFB	\$01		; SET TO	O TO TURN OFF
TEXT PIANO DI	SPLAY							
0917:00	51	SPEAKER		DFB	\$00		; MOCKING	BOARD SPEAKER:
0=LEFT, \$80=1	RIGHT							
0918:00	52	MOCKREG		DFB	\$00		; MOCKING	BOARD REGISTER
: 0-13								
0919:00	53	MOCKBYTE	DFB	\$00			;BYTE TO POK	E IN MOCKINGBO
ARD REGISTER					4			
091A:5D	54	BRITISH		DFB	\$5D		; MOUSETE	XT CHARACTER F
OR NOTE ON		DUAGE			DED	Ċ O O		
091B:00		PHASE			DFB			
091C:00 091D:00		DATA1 DATA2			DFB DFB			
091D:00 091E:00		XSAVE			DFB			
091F:00		YSAVE			DFB			
0920:00		TEXTL			DFB	-		
0921:00		TEXTH			DFB	-		
0922:00		TEXTNOTE	DFB	\$00	212	700		
0923:0F		MAXVOL		,	DFB \$	0F		
0924:00		VOICENUM	DFB	\$00	•			
0925:00		NOTESAVE						
0926:00	66	VELSAVE		DFB	\$00			
0927:00 00 00	67	VOICEVOL	DFB	\$00,\$00,\$0	00,\$00	,\$00	, \$00	
092A:00 00 00								
092D:	68							
092D:A9 13		INITPSPT	LDA		#\$13			
092F:8D A8 C0	70					STA	PPMIDICR	
0932:A9 11	71					LDA	#\$11	
0934:8D A8 C0 0937:60	72 73					STA	PPMIDICR	
0937:60	73 74					RTS	0	
0938:8D 15 09	75			STA	TNR	YTE		
093B:8E 1E 09	76	HIDIOOI		D111	1110	STX	XSAVE	
093E:8C 1F 09	77					STY	YSAVE	
0941:AD 15 09	78	TESTMIDI	LDA		INBY			
0944:8D A9 C0	79					STA	PPMIDIDR	
0947:AD A8 C0	80	MOUTTDRE	LDA		PPMI	DICR		
094A:29 02	81					AND	#\$02	
094C:F0 F9	82					BEQ	MOUTTDRE	
094E:AD 16 09	83					LDA	PIANOON	
0951:F0 03	84					BEQ	MIDIOEX	
0953:20 03 0B	85					JSR	PHASPRCS	
0956:AD 15 09		MIDIOEX		LDA	INB	YTE		
0959:AE 1E 09	87					LDX	XSAVE	
095C:AC 1F 09	88					LDY	YSAVE	
095F:60	89	_				RTS	5	
0960: 0960:A9 FF	90 91	; INITMOCK	T D A		#\$FF		• CEE MOCV	INGBOARD MANUA
			БυΑ		#955		; SEE MOCK.	INGBOARD MANUA
L FOR PRIMARY 0962:8D 03 C4	92	TNEO				STA	MOCKBASE+\$03	
0965:8D 83 C4	93					STA	MOCKBASE+\$83	
0968:A9 07	94					LDA	#\$07	
096A:8D 02 C4	95					STA	MOCKBASE+\$02	
096D:8D 82 C4	96					STA	MOCKBASE+\$82	
0970:A9 00	97					LDA	#\$00	; RESET
0972:8D 00 C4	98					STA	MOCKBASE	•
0975:8D 80 C4	99					STA	MOCKBASE+\$80	
0978:A9 04	100					LDA	#\$04	

097A:8D 00 C4 101	STA MOCKBASE
097D:8D 80 C4 102	STA MOCKBASE+\$80
0980:A9 00 103	LDA #\$00
0982:8D 17 09 104	STA SPEAKER
0985:A9 07 105	LDA #\$07 ;ENABLE TONE
ON ALL 3 CHANNELS	
0987:8D 18 09 106	STA MOCKREG
098A:A9 38 107	LDA #\$38
098C:8D 19 09 108	STA MOCKBYTE
098F:20 A5 09 109	JSR MOCKPOKE
0992:A9 80 110	LDA #\$80 ;SAME ON RIG
HT SPEAKER	·
0994:8D 17 09 111	STA SPEAKER
0997:20 A5 09 112	JSR MOCKPOKE
099A:A2 06 113	LDX #\$06 ;RESET SILEN
CED ALL CHANNELS, SO ZERO OUT	
099C:A9 00 114	LDA #\$00 ;OUR TRACKIN
G FOR VOLUME OF EACH CHANNEL	
	OICEVOL-1,X
09A1:CA 116	DEX
09A2:D0 FA 117	BNE PLUGVOL
09A4:60 118	RTS
09A5: 119 ;	
	PEAKER "ACC
09A8:29 80 121	AND #\$80
09AA:A8 122	TAY
09AB:AD 18 09 123	LDA MOCKREG
09AE:29 0F 124	AND #\$0F
09B0:C8 125	INY
09B1:99 00 C4 126 09B4:88 127	STA MOCKBASE,Y DEY
09B5:A9 07 128	LDA #\$07 ;LATCH
09B7:99 00 C4 129	STA MOCKBASE, Y
09BA:A9 04 130	LDA #\$04
09BC:99 00 C4 131	STA MOCKBASE, Y
09BF:AD 19 09 132	LDA MOCKBYTE
09C2:C8 133	INY
09C3:99 00 C4 134	STA MOCKBASE, Y
09C6:88 135	DEY
09C7:A9 06 136	LDA #\$06 ;WRITE
09C9:99 00 C4 137	STA MOCKBASE, Y
09CC:A9 04 138	LDA #\$04
09CE:99 00 C4 139	STA MOCKBASE, Y
09D1:60 140	RTS
09D2: 141 ;	
09D2:A9 B0 142 PANIC LD	DA #\$BO ;MIDI MESSAGE: AL
L NOTES OFF	
09D4:20 38 09 143	JSR MIDIOUT
09D7:A9 7D 144	LDA #\$7D
09D9:20 38 09 145	JSR MIDIOUT
09DC:A9 00 146	LDA #\$00
09DE:20 38 09 147	JSR MIDIOUT
09E1:4C 60 09 148	JMP INITMOCK
09E4: 149 ;	
09E4: 150	CHN TONEGEN.SC1
•	GENERATOR FROM THE 1990'S - SOURCE 1
09E4: 2 ; SOURCE RECONSTRUCTED FRO	OM MACHINE CODE IN 2022
09E4: 3;	ITMDCDM
	NITPSPT
	ONGL
09E9:85 FB 6 09EB:A5 07 7	STA SONGBYTL LDA SONGH
09EB:A5 07 7 09ED:85 FC 8	STA SONGH
	#\$00
	·
(1911:184 11)	STY DELTAL
09F1:84 FD 10 09F3:84 FE 11	STY DELTAL STY DELTAH

09F5:B1 FB	12	LDA	(SONGBYTL),Y	
09F7:85 FD	13	STA	DELTAL	
09F9:10 16	14	BPL	ENDDELTA	;DELTA TIME
	UNTIL LAST BYTE			,
09FB:29 7F	15	AND	#\$7F	; IF HI BIT S
ET, REMOVE HIGH	BIT AND SHIFT RIGHT			•
09FD:4A	16	LSR	A	;THIS PUTS T
HE LOW BIT INTO	THE CARRY			•
09FE:85 FE	17	STA	DELTAH	
0A00:A9 00	18	LDA	# \$00	; ROTATE CARR
Y INTO HI BIT C	F LOW BYTE			•
0A02:6A	19	ROR	A	
0A03:A0 01	20	LDY	#\$01	
0A05:11 FB	21	ORA	(SONGBYTL),Y	
0A07:85 FD	22	STA	DELTAL	; DELTA TIME
NOW HAS CORRECT	COUNTER			
0A09:A0 00	23	LDY	#\$00	
0A0B:E6 FB	24	INC	SONGBYTL	
0A0D:D0 02	25	BNE	ENDDELTA	
OAOF:E6 FC	26	INC	SONGBYTH	
0A11:E6 FB	27 ENDDELTA INC	SONGBYTL		
0A13:D0 02	28	BNE	WAITDLTA	
0A15:E6 FC	29	INC	SONGBYTH	; NOW POINTIN
G AT A MIDI MES				
0A17:A6 FD	30 WAITDLTA LDX	DELTAL		
0A19:F0 0A	31	BEQ	CHKDLTAH	;CHECK IF DE
LTA TIME = 0				
0A1B:C6 FD	32	DEC	DELTAL	
0A1D:A5 FF	33	LDA	SPEED	
0A1F:20 A8 FC	34	JSR	MONWAIT	;APPLE DELAY
UNTIL DELTA TI				
0A22:B8	35	CLV		
0A23:50 F2	36	BVC	WAITDLTA	
0A25:	37 ;			
0A25:A6 FE	38 CHKDLTAH LDX	DELTAH	DDI	
0A27:F0 0C	39	BEQ	DELTZERO	
0A29:C6 FE	40	DEC	DELTAH	
0A2B:A5 FF	41	LDA	SPEED	
0A2D:20 A8 FC	42	JSR	MONWAIT	
0A30:C6 FD	43	DEC	DELTAL	
0A32:B8	44	CLV	LIA TODI OA	
0A33:50 E2	45	BVC	WAITDLTA	
0A35:	46 ;	#\$00		
0A35:A0 00 0A37:B1 FB	47 DELTZERO LDY 48		(CONCDUME) V	
0A37:B1 FB 0A39:10 03	49	LDA	(SONGBYTL),Y	
0A39:10 03 0A3B:85 FA	50	BPL STA	RUNNING	
			MIDISTSB	
0A3D:C8 0A3E:B8	51 52 RUNNING	INY CLV		
0A3E:50 0A3F:50 4D	53	BVC	MIDIMCC	
0A3F:50 4D 0A41:	54 ;	DVC	MIDIMSG	
0A41:20 38 09	55 L0864	JSR MID	ר וויי	
0A41:20 36 09 0A44:B1 FB	56	LDA	(SONGBYTL),Y	
0A44:B1 FB 0A46:20 38 09	57 L086A	JSR MID	•	
0A40:20 30 09 0A49:C8	58	INY		
0A43:C0 0A4A:B1 FB	59	LDA	(SONGBYTL),Y	
0A4C:20 38 09	60	JSR	MIDIOUT	
0A4F:C8	61	INY	11101001	
0A50:18	62 L0874	CLC		
0A50:10 0A51:98	63	TYA		
0A52:65 FB	64	ADC	SONGBYTL	
0A54:85 FB	65	STA	SONGBYTL	
0A56:A5 FC	66	LDA	SONGBYTH	
0A58:69 00	67	ADC	#\$00	
0A5A:85 FC	68	STA	SONGBYTH	
0A5C:AD 00 C0	69 L0880		LEKBD	
		 _		

0A5F:10 06	70	BPL LOOPBACK
0A61:AD 10 C0	71	LDA KBDSTROB
0A64:4C E9 0A	72	JMP KEYPRESS
0A67:	73 ;	
0A67:A5 FC	74 LOOPBACK LDA	SONGBYTH
0A69:C5 09	75	CMP SONGENDH
0A6B:B0 03	76	BCS CHKLOWB
0A6D:4C EF 09	77 BOOST	JMP TOPLOOP
0A70:A5 FB	78 CHKLOWB LDA	SONGBYTL
0A72:C5 08	79	CMP SONGENDL
0A74:90 F7		BCC BOOST
0A76:4C D2 09	81 L08C0	JMP PANIC ;END OF SONG - ST
OP ALL SOUNDS		
0A79:	82 ;	777
0A79:20 38 09	83 L08C3	JSR MIDIOUT
0A7C:20 03 0B	84	JSR PHASPRCS
0A7F:60	85	RTS
0A80:	86 ;	DMC
0A80:60 0A81:	87 L08CA	RTS
0A81:50 D9	88 ; 89 L08CE	BVC L0880
0A81:50 D9	90 ;	BVC LUOOU
0A83:50 CB	90 , 91 ZEROBYTS BVC	L0874
0A85:	92 ;	10074
0A85:A5 FA	93 ONEBYTE LDA	MIDISTSB
0A87:88	94	DEY
0A88:50 BC	95	BVC L086A
0A8A:	96 ;	200011
0A8A:A5 FA	97 TWOBYTES LDA	MIDISTSB
0A8C:50 B3	98	BVC L0864
0A8E:	99 ;	
0A8E:A6 FA	100 MIDIMSG LDX	MIDISTSB
0A90:BD 00 0E	101	LDA NUMDBYTS,X
0A93:C9 03	102	CMP #\$03
0A95:B0 0A	103	BCS SKIPMSG
0A97:C9 00	104	CMP #\$00
0A99:F0 E8	105	BEQ ZEROBYTS
0A9B:C9 01	106	CMP #\$01
0A9D:F0 E6	107	BEQ ONEBYTE
0A9F:D0 E9	108	BNE TWOBYTES
0AA1:	109 ;	// ARR
OAA1:C9 FF	110 SKIPMSG CMP	#\$FF
0AA3:D0 DE 0AA5:A5 FA	111 112	BNE ZEROBYTS
0AA3:A3 FA 0AA7:C9 F0	113	LDA MIDISTSB CMP #\$F0
0AA7:C9 F0 0AA9:D0 15	114	BNE L0918
0AAB:20 76 0A	114 115 L0902	JSR L08C0
0AAE:A0 00	116	LDY #\$00
0AB0:E6 FB	117	INC SONGBYTL
0AB2:D0 02	118	BNE L090D
0AB4:E6 FC	119	INC SONGBYTH
OAB6:B1 FB	120 L090D	LDA (SONGBYTL),Y
0AB8:C9 F7	121	CMP #\$F7 ;END OF SYST
EM EXCLUSIVE		•
OABA:DO EF	122	BNE L0902
0ABC:A0 01	123	LDY #\$01
OABE:D0 C3	124	BNE ZEROBYTS ;ALWAYS TAKE
N		
0AC0:	125 ;	
OACO:C9 FF	126 L0918	CMP #\$FF
0AC2:D0 BF	127	BNE ZEROBYTS ; REALTIME ME
SSAGE, NOT MET		TNG CONGRUET
0AC4:E6 FB	128	INC SONGBYTL
0AC6:D0 02	129	BNE L0922
0AC8:E6 FC 0ACA:A0 00	130	INC SONGBYTH
UACA:AU UU	131 L0922	LDY #\$00

0ACC:B1 FB	132			LDA	(SONGBYTL),	Y
	133			CMP	#\$2F	;END OF TRAC
K META MESSAGE	FF 2F 00					•
	134			BNE	L092B	
	135			RTS		
	136 ;					
	137 L092B		INC	SONG		
	138			BNE	L0931	
	139		T D 3	INC	SONGBYTH	NEW MEWN MOO TEN
0AD9:B1 FB AND SKIP OVER	140 L0931		LDA	(SOM	BITL),I ;G	GET META MSG LEN
	141			SEC		
	142			ADC	SONGBYTL	
	143			STA	SONGBYTL	
	144			LDA	#\$00	
	145			ADC	SONGBYTH	
	146			STA	SONGBYTH	
0AE6:B8	147			\mathtt{CLV}		
	148			BVC	L08CE	
	149 ;					
	150 KEYPRESS AND		#\$7F		//	
	151			CMP	#KEYCTRLH	
	152			BNE	L094D	
	153 154			DEC JMP	SPEED	
	155 L094D		CMP		LOOPBACK CTRLU	
	156		CMP	BNE	L0956	
	157			INC	SPEED	
	158			JMP	LOOPBACK	
	159 L0956		JMP	PANI		ANY OTHER KEY ST
OPS SOUND AND E					•	
0B00:	160 ;					
	161 PHASCHK	STA	INB	YTE		
	162 PHASPRCS LDA		PHASI			
	163			BNE	PHNOT00	
	164			LDA	INBYTE	
	165			AND	#\$F0 #\$00	
	166 167			CMP BNE	#\$90 NOTNOTE	
	168			LDA	#\$01	
	169			STA	#\$01 PHASE	
	170			LDA	#\$00	
	171			STA	DATA1	
	172			STA	DATA2	
	173			RTS		
	174 ;					
	175 NOTNOTE	CMP	#\$80			
	176			BEQ	L0B35	
	177			RTS		
	178 ;		T D 3	// c o 1		
	179 L0B35		LDA	#\$01	DIIACE	
	180 181			STA STA	PHASE	;IS THIS A B
UG?	101			SIA	DATA2	; IS THIS A B
	182			LDA	#\$00	
	183			STA	DATA1	
	184			RTS		
	185 ;			-		
	186 PHNOT00	LDA	DAT	A 1		
0B35:D0 1B	187			BNE	L0B64	
	188			LDX	INBYTE	
	189			LDA	MIDISCRL,X	
	190			STA	TEXTL	
	191			LDA	MIDISCRH,X	
	192			STA	TEXTH	
0B46:A9 01	193			LDA	#\$01	

DB4H: BD C D9 195	0B48:8D 1B 09 1	194			STA	PHASE
DBB-11-80 19-6						
DB51:60						
OB52:						
OB55:P1 01 09 199 LOB64					1110	
BBS NOTEDOWN BBC NOTEDOWN BBS				T ₁ DA	DATA	2
OB55 AD 2 0 09						
OBSC:AD 21 09				T ₁ DA		
BBSC: AD 21 09 203						
OB5 1						
B661:RB 22 09 205						
B664:BD 80 0E 0B 206						
BB67:20 8E 0B 207 JSR PORETEXT BB661:20 30 0C 208 RTS BC661:20 30 0C 208 RTS BC661:60 209 RTS BC661:60 210 ; BC71:FC FT BC67:FC FT BC67:F						
D86A; 20						•
D86D: 60 209 RTS						
D86E: AD 15 09						
DBGE:AD 15 09					-11-10	
OBT1:FO E4			LDA	INBYT	ГE	
DR5:13-DQ 20 09 213						L0B69
OBT-61-85 00						
DB78:AD 21 09 215						
OBTOLANO 00						
DBTPLAO						
OBF1:H1						
DBB1:AE 22 09 219						•
D884:AD 1A 09 220						•
OBBA1:20 8E 0B 221						
OBBA:20						
OBBD: 60						
OBSE:						
OBBE:A0 00 225 POKETEXT LDY #\$00						
OB90:91 00			LDY	#\$00		
DB92:A9 00 227				., ,	STA	(ZPTEXTL),Y
OB94:8D 1B 09 228 STA PHASE RTS OB97:60 229 RTS OB98:20 20 09 231 TONEGEN JSR INITPSPT JSR INITMOCK OB98:20 20 232 OB98:20 20 233 MIDIIN LDA PPMIDICR AND #\$01 OBA3:F0 F9 235 OB98:AD A8 C0 236 OB98:AD A8 C0 236 OB98:AD A9 C0 236 OB98:AD A9 C0 236 OB98:AD A9 C0 236 OB98:AD A9 C0 238 OB98:AD A9 C0 C0 240 OB98:AD A9 C0 C0 C0 C0 C0 C0 C0 C						
OB97:60						
OB98:						
OBP8:20 2D 09						
DB9B:20 60 09 232			JSR	INITES	SPT	
OBA1:29 01					JSR II	NITMOCK
DBA3:F0 F9	0B9E:AD A8 C0 2	233 MIDIIN		LDA	PPMID	ICR
DBA5:AD A9 C0	0BA1:29 01 2	234			AND	#\$01
DBA8:20 00 0B 237	0BA3:F0 F9 2	235			BEQ	MIDIIN
DBAB: AD OO CO 238	0BA5:AD A9 C0 2	236			LDA	PPMIDIDR
BBE	0BA8:20 00 0B 2	237			JSR	PHASCHK
DBB0:AD 10 C0 240	0BAB:AD 00 C0 2	238			LDA	APPLEKBD
0BB3:60 241 RTS 0BB4:A0 00 243 LOOKVOIC LDY #\$00 0BB6:8C 17 09 244 STY SPEAKER 0BB9:AD 24 09 245 LDA VOICENUM 0BBC:29 07 246 AND #\$07 0BEE:C9 06 247 CMP #\$06 0BC0:90 01 248 BCC GOODVOIC 0BC2:60 249 RTS 0BC3:C9 03 250 GOODVOIC CMP #\$03 0BC5:90 08 251 BCC VOICADRS 0BC7:38 252 SEC 0BC8:E9 03 253 SBC #\$03 0BC3:C9 03 253 SBC #\$03 0BC4:A0 80 254 LDY #\$80 0BC5:POA 256 VOICADRS ASL A ;REGISTER 0, 2, OR 4 0BD0:8D 18 09 257 STA MOCKREG 0BD3:AE 25 09 258 LDX NOTESAVE	0BAE:10 EE 2	239			\mathtt{BPL}	MIDIIN
0BB4: 242 ; 0BB4:A0 00 243 LOOKVOIC LDY #\$00 0BB6:8C 17 09 244 5 STY SPEAKER 0BB9:AD 24 09 245 5 LDA VOICENUM 0BBC:29 07 246 6 AND #\$07 0BBE:C9 06 247 6 CMP #\$06 0BC0:90 01 248 8 BCC GOODVOIC 0BC2:60 249 8 RTS 0BC3:C9 03 250 GOODVOIC CMP 0BC5:90 08 251 8 BCC VOICADRS 0BC7:38 252 8EC 0BC8:E9 03 253 8BC #\$03 0BCA:A0 80 254 8BC BCC SBC #\$03 0BCA:A0 80 254 8BC BCC STY SPEAKER STY SPEAKER SPEAKER 0BCC:8C 17 09 255 8C VOICADRS ASL 0BD0:8D 18 09 257 8C STY SPEAKER STY SPEAKER SPEA	0BB0:AD 10 C0 2	240			LDA	KBDSTROB
0BB4:A0 00 243 LOOKVOIC LDY #\$00 0BB6:8C 17 09 244 STY SPEAKER 0BB9:AD 24 09 245 LDA VOICENUM 0BBC:29 07 246 AND #\$07 0BBE:C9 06 247 CMP #\$06 0BC0:90 01 248 BCC GOODVOIC 0BC2:60 249 RTS 0BC3:C9 03 250 GOODVOIC CMP #\$03 0BC5:90 08 251 BCC VOICADRS 0BC7:38 252 SEC 0BC8:E9 03 253 SBC #\$03 0BC8:E9 03 253 SBC #\$03 0BC2:8C 17 09 255 STY SPEAKER 0BC5:90 80 254 STY SPEAKER 0BC5:90 80 254 STY SPEAKER 0BC5:90 80 254 STY SPEAKER 0BC5:90 80 255 STY SPEAKER 0BC5:90 80 255 STY SPEAKER 0BC5:90 80 256 STY SPEAKER 0BC5:90 80 256 STY SPEAKER 0BC5:90 80 257 STA MOCKREG 0BD3:AE 25 09 258 LDX NOTESAVE	0BB3:60 2	241			RTS	
0BB6:8C 17 09 244 STY SPEAKER 0BB9:AD 24 09 245 LDA VOICENUM 0BBC:29 07 246 AND #\$07 0BBE:C9 06 247 CMP #\$06 0BC0:90 01 248 BCC GOODVOIC 0BC2:60 249 RTS 0BC3:C9 03 250 GOODVOIC CMP #\$03 0BC5:90 08 251 BCC VOICADRS 0BC7:38 252 SEC 0BC8:E9 03 253 SBC #\$03 0BCA:A0 80 254 LDY #\$80 0BCC:8C 17 09 255 STY SPEAKER 0BCF:0A 256 VOICADRS ASL ASL ASL ASL ASL ASL ASL ASL ASL AS	0BB4: 2	242 ;				
0BB9:AD 24 09 245 LDA VOICENUM 0BBC:29 07 246 AND #\$07 0BBE:C9 06 247 CMP #\$06 0BC0:90 01 248 BCC GOODVOIC 0BC2:60 249 RTS 0BC3:C9 03 250 GOODVOIC CMP #\$03 0BC5:90 08 251 BCC VOICADRS 0BC7:38 252 SEC 0BC8:E9 03 253 SBC #\$03 0BCA:A0 80 254 LDY #\$80 0BCC:8C 17 09 255 STY SPEAKER 0BCF:0A 256 VOICADRS ASL A ; REGISTER 0, 2, OR 4 0BD0:8D 18 09 257 STA MOCKREG 0BD3:AE 25 09 258 LDX NOTESAVE	0BB4:A0 00 2	243 LOOKVOIC	LDY	#\$00		
0BBC:29 07 246 AND #\$07 0BBE:C9 06 247 CMP #\$06 0BC0:90 01 248 BCC GOODVOIC 0BC2:60 249 RTS 0BC3:C9 03 250 GOODVOIC CMP #\$03 0BC5:90 08 251 BCC VOICADRS 0BC7:38 252 SEC 0BC8:E9 03 253 SBC #\$03 0BCA:A0 80 254 LDY #\$80 0BCC:8C 17 09 255 STY SPEAKER 0BCF:0A 256 VOICADRS ASL A ; REGISTER 0, 2, OR 4 0BD0:8D 18 09 257 STA MOCKREG 0BD3:AE 25 09 258 LDX NOTESAVE	0BB6:8C 17 09 2	244			STY	SPEAKER
0BBE:C9 06 247 CMP #\$06 0BC0:90 01 248 BCC GOODVOIC 0BC2:60 249 RTS 0BC3:C9 03 250 GOODVOIC CMP #\$03 0BC5:90 08 251 BCC VOICADRS 0BC7:38 252 SEC 0BC8:E9 03 253 SBC #\$03 0BCA:A0 80 254 LDY #\$80 0BCC:8C 17 09 255 STY SPEAKER 0BCF:0A 256 VOICADRS ASL A ; REGISTER 0, 2, OR 4 0BD0:8D 18 09 257 STA MOCKREG 0BD3:AE 25 09 258 LDX NOTESAVE	0BB9:AD 24 09 2	245			LDA	VOICENUM
0BC0:90 01 248 BCC GOODVOIC 0BC2:60 249 RTS 0BC3:C9 03 250 GOODVOIC CMP #\$03 0BC5:90 08 251 BCC VOICADRS 0BC7:38 252 SEC 0BC8:E9 03 253 SBC #\$03 0BCA:A0 80 254 LDY #\$80 0BCC:8C 17 09 255 STY SPEAKER 0BCF:0A 256 VOICADRS ASL A ; REGISTER 0, 2, OR 4 0BD0:8D 18 09 257 STA MOCKREG 0BD3:AE 25 09 258 LDX NOTESAVE	0BBC:29 07 2	246			AND	#\$07
0BC2:60 249 RTS 0BC3:C9 03 250 GOODVOIC CMP #\$03 0BC5:90 08 251 BCC VOICADRS 0BC7:38 252 SEC 0BC8:E9 03 253 SBC #\$03 0BCA:A0 80 254 LDY #\$80 0BCC:8C 17 09 255 STY SPEAKER 0BCF:0A 256 VOICADRS ASL A ; REGISTER 0, 2, OR 4 0BD0:8D 18 09 257 STA MOCKREG 0BD3:AE 25 09 258 LDX NOTESAVE	0BBE:C9 06 2	247			CMP	#\$06
0BC3:C9 03 250 GOODVOIC CMP #\$03 0BC5:90 08 251 BCC VOICADRS 0BC7:38 252 SEC 0BC8:E9 03 253 SBC #\$03 0BCA:A0 80 254 LDY #\$80 0BCC:8C 17 09 255 STY SPEAKER 0BCF:0A 256 VOICADRS ASL A ;REGISTER 0, 2, OR 4 0BD0:8D 18 09 257 STA MOCKREG 0BD3:AE 25 09 258 LDX NOTESAVE	0BC0:90 01 2	248			BCC	GOODVOIC
0BC5:90 08 251 BCC VOICADRS 0BC7:38 252 SEC 0BC8:E9 03 253 SBC #\$03 0BCA:A0 80 254 LDY #\$80 0BCC:8C 17 09 255 STY SPEAKER 0BCF:0A 256 VOICADRS ASL A ; REGISTER 0, 2, OR 4 0BD0:8D 18 09 257 STA MOCKREG 0BD3:AE 25 09 258 LDX NOTESAVE	0BC2:60	249			RTS	
0BC7:38 252 SEC 0BC8:E9 03 253 SBC #\$03 0BCA:A0 80 254 LDY #\$80 0BCC:8C 17 09 255 STY SPEAKER 0BCF:0A 256 VOICADRS ASL A ; REGISTER 0, 2, OR 4 0BD0:8D 18 09 257 STA MOCKREG 0BD3:AE 25 09 258 LDX NOTESAVE			CMP	#\$03		
0BC8:E9 03 253 SBC #\$03 0BCA:A0 80 254 LDY #\$80 0BCC:8C 17 09 255 STY SPEAKER 0BCF:0A 256 VOICADRS ASL A ;REGISTER 0, 2, OR 4 0BD0:8D 18 09 257 STA MOCKREG 0BD3:AE 25 09 258 LDX NOTESAVE	0BC5:90 08 2	251			BCC	VOICADRS
0BCA:A0 80 254 LDY #\$80 0BCC:8C 17 09 255 STY SPEAKER 0BCF:0A 256 VOICADRS ASL A ;REGISTER 0, 2, OR 4 0BD0:8D 18 09 257 STA MOCKREG 0BD3:AE 25 09 258 LDX NOTESAVE					SEC	
0BCC:8C 17 09 255 STY SPEAKER 0BCF:0A 256 VOICADRS ASL A ;REGISTER 0, 2, OR 4 0BD0:8D 18 09 257 STA MOCKREG 0BD3:AE 25 09 258 LDX NOTESAVE	0BC8:E9 03 2	253			SBC	#\$03
0BCF:0A 256 VOICADRS ASL A ; REGISTER 0, 2, OR 4 0BD0:8D 18 09 257 STA MOCKREG 0BD3:AE 25 09 258 LDX NOTESAVE					LDY	#\$80
0BD0:8D 18 09 257 STA MOCKREG 0BD3:AE 25 09 258 LDX NOTESAVE					STY	SPEAKER
0BD3:AE 25 09 258 LDX NOTESAVE			ASL	Α		• • •
						MOCKREG
OBD6:BD 00 OF 259 LDA MIDMOCKL,X						
·	0BD6:BD 00 0F 2	259			LDA	MIDMOCKL, X

OBDEC 120 A5 0 9 2 261
OBB21:69 01 264 ADC
OBBES:AB 18 09 266 STA MOCKREG OBBES:AB 25 09 266 LDX NOTESAVE CBEB:B 80 00 F 267 LDA MIDMOCKH, X OBBES:AB 19 09 268 STA MOCKBYTE OBBES:AB 19 09 268 STA MOCKBYTE OBBES:AB 19 09 268 STA MOCKBYTE OBBES:AB 18 09 270 LDA MOCKBG OBBES:AB 18 09 270 LDA MOCKBG OBFS:B 9 01 STA MOCKBG OBFS:B 9 01 STA MOCKBG STA MOCKBG OBFS:B 9 01 STA MOCKBG OBFS:B 9 01 STA MOCKBG STA MOCKBG OBFS:B 9 01 STA MOCKBG STA MOCKBG OBFS:B 9 01 STA MOCKBG
BBBS: AB 25 09 266
DBEF1: DB 19 09 269
OBF1:20 A5 09 269
OBF1:3B
OBFR:E9 01
OBFR:14A
OBFE1:18
9, OR A OBFE:8D 18 09 276 OC01:AD 26 09 277 CC01:AD 279 CC01:AD 26 09 279 CC01:AD 279 CC01:AD 279 CC01:AD 279 CC01:AD 280 CC0B: 281; CC0B: 281; CC0B:AD 20 1 282 PRCSVOIC LDX #S01 CC01:10 03 284 CC10:10 03 284 CC10:10 03 284 CC10:10 03 284 CC10:10 03 286; CC15: 286; CC15:AD 22 09 287 CHKTEXT LDA TEXTNOTE CC18:F0 15 286; CC15:AD 22 09 289 CHKTEXT LDA TEXTNOTE CC18:F0 15 280 CC10:09 80 290 CAR #\$80 ;SIGNAL NOTE IS ON CC1P:9D 26 09 291 STA NOTESAVE CC22:CA 292 CC23:AB 24 09 293 CC22:CA 292 CC23:BE 24 09 295 CC22:CA 299 FINDVOIC LDX CC22:AD 23 09 295 CC22:CA 299 FINDVOIC LDX CC22:CA 299 FINDVOIC LDX CC22:CA 299 FINDVOIC LDX CC22:CA 299 FINDVOIC LDX CC22:CA 304 CC23:BD 26 09 305 FINDVOIC LDX CC33:BD 26 09 306 FINDVICO LDA CC33:BD 26 09 307 CC33:AD 26 09 302 CC34:CA 304 CC35:CA 304 CC35:CA 304 CC30:CA 305 CC30:CA 304 CC30:CA 305 CC30:CA 306 CC31:CA 307 CC40:AD 307 CC40:AD 307 CC40:AD 307 CC40:AD 307 CC40:AD 307 CC40:AD 308 CC40:AD 309 CC40:AD 309 CC40:AD 309 CC40:AD 300
OBFE:8D 18 09 27 COLOR
OCO11-AD 26 09 278
OCO CO CO CO CO CO CO C
OCOB: 281 281 282 PRCSVOIC LDX #\$01
OCOB:
OCDO:BD 26 09
OC10:10 03
Oct
OC15:AD 22 09 287 CHKTEXT LDA BEQ TEXTEXIT OC1A:BT0 15 0 288 OC1A:BT0 25 09 289 STA NOTESAVE OC1D:09 80 290 ORA #\$80 ;SIGNAL NOTE IS ON OC1F:9D 26 09 291 STA VELSAVE, X OC22:CA 292 DEX OC22:CA 292 DEX OC22:CB 298 STX VOICENUM OC29:8D 26 09 295 STA VELSAVE OC22:CB 4 0B 296 STA VELSAVE OC20:CD 54 0B 296 STA VELSAVE OC20:CD 64 0B 296 STA VELSAVE OC30: 298 ; OC30: 298 ; OC30: 299 FINDVOIC LDX #\$06 OC32:BD 26 09 300 FINDVLOO LDA VOICEVOL-1, X OC35:29 7F 301 AND #\$7F OC37:CD 22 09 302 CMP TEXTENOTE OC30: CA 304 DEX OC30: CA 306 RTS OC40: 307 ; OC40:A9 00 308 FNDVOICE LDA #\$00 OC42:PD 26 09 313 STA VOICEVOL-1, X OC45:CA 310 DEX OC44:BD 26 09 313 STA VOICEVOL OC49:A9 00 312 STA VOICEVOL OC49:A9 00 312 STA VOICEVOL OC49:A9 00 313 STA VOICEVOL OC49:A9 00 312 STA VOICEVOL OC49:A9 00 312 STA VOICEVOL OC49:A9 00 313 STA VELSAVE OC46:BE 24 09 311 STA VOICEVOL OC48:BD 26 09 313 STA VELSAVE OC48:BD 26 09 313 STA VOICEVOL OC48:BD 26 09 313 STA VELSAVE OC49:CA 316 ;
OC18:F0 15
OC1D:09 80
SON
0C1F:9D 26 09 291 STA VELSAVE, X 0C22:CA 292 DEX 0C23:8E 24 09 293 STX VOICENUM 0C26:AD 23 09 294 LDA MAXVOL 0C29:8D 26 09 295 STA VELSAVE 0C2C:20 B4 0B 297 TEXTEXIT RTS 0C30: 298; JSR LOOKVOIC 0C30: 298; AND 0C32:BD 26 09 300 FINDVLOO LDX #\$06 0C32:BD 26 09 300 FINDVLOO LDA VOICEVOL-1, X 0C35:29 7F 301 AND #\$7F 0C37:CD 22 09 302 CMP TEXTNOTE 0C33:F0 04 303 BEQ FNDVOICE 0C36:CA 304 BEX 0C3D:D0 F3 305 BNE FINDVLOO 0C40: 307; 0C40:A9 00 308 FNDVOICE LDA #\$00 0C42:9D 26 09 309 STA VOICEVOL-1,X 0C46:8E 24 09 311 STX VOICENUM 0C49:A9 00 312 LDA #\$00 0C48:A9 00 312 LDA #\$00 0C48:BD 26 09 313 STA VELSAVE 0C46:BB 24 09 311 STA VELSAVE 0C46:BB 24 09 315 STA VELSAVE 0C51:60 315 315
0C23:8E 24 09 293 STX VOICENUM 0C26:AD 23 09 294 LDA MAXVOL 0C29:8D 26 09 295 STA VELSAVE 0C2C:20 B4 0B 296 JSR LOOKVOIC 0C2F:60 297 TEXTEXIT RTS JSR LOOKVOIC 0C30: 298; VOICEVOL-1, X 0C32:BD 26 09 300 FINDVIOC LDX W\$506 WOICEVOL-1, X 0C32:BD 26 09 300 FINDVLOO LDA VOICEVOL-1, X AND #\$7F 0C37:CD 22 09 302 CMP TEXTNOTE CMP TEXTNOTE 0C3A:F0 04 303 DEX DEX 0C3D:D0 F3 305 DEX BNE FINDVLOO 0C3F:60 306 CMF RTS 0C40: 307; STA VOICEVOL-1, X 0C40: 307; DEX 0C40: 307; STA VOICEVOL-1, X 0C40: 310 DEX STX VOICENUM 0C46: 8E 24 09 311 STX VOICENUM STX VOICENUM 0C49: AP 30 DEX STA VELSAVE 0C48: 8D 26 09 313 STA VELSAVE STA VELSAVE 0C46: 2D 24 0B 314 STX VELSAVE STA VELSAVE 0C51: 60 315 STA VELSAVE STA VELSAVE 0C52: 316; 316;
0C29:8D 26 09 295 STA VELSAVE 0C2C:20 B4 0B 296 JSR LOOKVOIC 0C2F:60 297 TEXTEXIT RTS 298 ; 0C30: 298 ; 299 FINDVOIC LDX 0C32:BD 26 09 300 FINDVLOO LDA WOICEVOL-1, X 0C35:29 7F 301 AND #\$7F 301 CMP TEXTNOTE 0C37:CD 22 09 302 CMP TEXTNOTE CMP TEXTNOTE 0C3A:F0 04 303 CMP TEXTNOTE DEX 0C3D:D0 F3 305 CMP TEXTNOTE BNE FINDVLOO 0C3F:60 306 CMP TEXTNOTE STA VOICEVOL-1,X 0C40: 307 ; STA VOICEVOL-1,X 0C40: 310 STX VOICENUM DEX 0C40: 310 STA VELSAVE STA VELSAVE 0C46: 8E 24 09 311 STA VELSAVE STA VELSAVE 0C48: 8D 26 09 313 STA VELSAVE STA VELSAVE 0C46: 8C 34 09 314 STA VELSAVE STA VELSAVE 0C51: 60 S15 STA VELSAVE STA VELSAVE
OC2C:20 B4 0B 296
0C2F:60 297 TEXTEXIT RTS 0C30: 298 ; 0C30:A2 06 299 FINDVOIC LDX #\$06 0C32:BD 26 09 300 FINDVLOO LDA VOICEVOL-1, X 0C35:29 7F 301 AND #\$7F 0C37:CD 22 09 302 CMP TEXTNOTE 0C3A:F0 04 303 BEQ FNDVOICE 0C3C:CA 304 DEX 0C3D:D0 F3 305 BNE FINDVLOO 0C3F:60 306 RTS 0C40: 307; STA VOICEVOL-1,X 0C42:9D 26 09 309 STA VOICEVOL-1,X 0C45:CA 310 DEX 0C46:8E 24 09 311 STX VOICENUM 0C49:A9 00 312 LDA #\$00 0C4B:8D 26 09 313 STA VELSAVE 0C4E:20 B4 0B 314 JSR LOOKVOIC 0C51:60 315 RTS
0C30:A2 06 299 FINDVOIC LDX #\$06 0C32:BD 26 09 300 FINDVLOO LDA VOICEVOL-1,X 0C35:29 7F 301 OC37:CD 22 09 302 CMP TEXTNOTE CMP TEXTNOTE 0C3A:F0 04 303 DC3C:CA CMCCA 304 DEX 0C3D:D0 F3 305 DC3F:60 306 DC40: 307; BNE FINDVLOO 0C40:A9 00 308 FNDVOICE LDA #\$00 0C42:9D 26 09 309 DC42:9D 26 09 309 DC45:CA 310 DEX STA VOICEVOL-1,X DEX 0C46:8E 24 09 311 DC49:A9 00 312 DC48:BD 26 09 313 DC4E:2D B4 0B 314 DC4E:2D B4 0B 314 DST VOICENUM STA VELSAVE DCKVOIC 0C4E:20 B4 0B 314 DST VOICE: DST VOICE LOKYOIC STA VELSAVE DCKVOIC 0C51:60 315 DST VELSAVE DCKVOIC RTS
0C32:BD 26 09 300 FINDVLOO LDA VOICEVOL-1, X 0C35:29 7F 301 AND #\$7F 0C37:CD 22 09 302 CMP TEXTNOTE 0C3A:F0 04 303 BEQ FNDVOICE 0C3C:CA 304 DEX 0C3D:D0 F3 305 BNE FINDVLOO 0C3F:60 306 RTS 0C40: 307; 0C40:A9 00 308 FNDVOICE LDA #\$00 0C42:9D 26 09 309 STA VOICEVOL-1,X 0C45:CA 310 DEX 0C46:8E 24 09 311 STX VOICENUM 0C49:A9 00 312 LDA #\$00 0C4B:8D 26 09 313 STA VELSAVE 0C4E:20 B4 0B 314 JSR LOOKVOIC 0C51:60 315 RTS 0C52: 316; RTS
0C35:29 7F 301 AND #\$7F 0C37:CD 22 09 302 CMP TEXTNOTE 0C3A:F0 04 303 BEQ FNDVOICE 0C3C:CA 304 DEX 0C3D:D0 F3 305 BNE FINDVLOO 0C3F:60 306 RTS 0C40: 307; STA VOICEVOL-1,X 0C42:9D 26 09 309 STA VOICEVOL-1,X 0C45:CA 310 DEX 0C46:8E 24 09 311 STX VOICENUM 0C49:A9 00 312 LDA #\$00 0C48:8D 26 09 313 STA VELSAVE 0C4E:20 B4 0B 314 JSR LOOKVOIC 0C51:60 315 RTS RTS
0C3A:F0 04 303 BEQ FNDVOICE 0C3C:CA 304 DEX 0C3D:D0 F3 305 BNE FINDVLOO 0C3F:60 306 0C40: 307; RTS 0C40:A9 00 308 FNDVOICE LDA (C42:9D 26 09 309 0C45:CA 310 0C45:CA 310 0C46:8E 24 09 311 0C49:A9 00 312 0C49:A9 00 313 0C49:A9 00 313 0C49:A9 00 314 0C49:A9 00 315 0C52: 316; STA VELSAVE DOKVOIC RTS (C51:60 315 0C52: 316;
0C3C:CA 304 DEX 0C3D:D0 F3 305 BNE FINDVLOO 0C3F:60 306 RTS 0C40: 307; RTS 0C40:A9 00 308 FNDVOICE LDA #\$00 0C42:9D 26 09 309 STA VOICEVOL-1,X 0C45:CA 310 DEX 0C46:8E 24 09 311 STX VOICENUM 0C49:A9 00 312 LDA #\$00 0C4B:8D 26 09 313 STA VELSAVE 0C4E:20 B4 0B 314 JSR LOOKVOIC 0C51:60 315 RTS 0C52: 316;
0C3F:60 306 RTS 0C40: 307; **\$00 0C40:A9 00 308 FNDVOICE LDA #\$00 0C42:9D 26 09 309 STA VOICEVOL-1,X 0C45:CA 310 DEX 0C46:8E 24 09 311 STX VOICENUM 0C49:A9 00 312 LDA #\$00 0C4B:8D 26 09 313 STA VELSAVE 0C4E:20 B4 0B 314 JSR LOOKVOIC 0C51:60 315 RTS 0C52: 316; RTS
0C40: 307 ; 0C40:A9 00 308 FNDVOICE LDA #\$00 0C42:9D 26 09 309 STA VOICEVOL-1,X 0C45:CA 310 DEX 0C46:8E 24 09 311 STX VOICENUM 0C49:A9 00 312 LDA #\$00 0C4B:8D 26 09 313 STA VELSAVE 0C4E:20 B4 0B 314 JSR LOOKVOIC 0C51:60 315 RTS 0C52: 316 ;
0C40:A9 00 308 FNDVOICE LDA #\$00 0C42:9D 26 09 309 STA VOICEVOL-1,X 0C45:CA 310 DEX 0C46:8E 24 09 311 STX VOICENUM 0C49:A9 00 312 LDA #\$00 0C4B:8D 26 09 313 STA VELSAVE 0C4E:20 B4 0B 314 JSR LOOKVOIC 0C51:60 315 RTS 0C52: 316; TS
0C45:CA 310 DEX 0C46:8E 24 09 311 STX VOICENUM 0C49:A9 00 312 LDA #\$00 0C4B:8D 26 09 313 STA VELSAVE 0C4E:20 B4 0B 314 JSR LOOKVOIC 0C51:60 315 RTS 0C52: 316;
0C46:8E 24 09 311 STX VOICENUM 0C49:A9 00 312 LDA #\$00 0C4B:8D 26 09 313 STA VELSAVE 0C4E:20 B4 0B 314 JSR LOOKVOIC 0C51:60 315 RTS 0C52: 316; RTS
0C49:A9 00 312 LDA #\$00 0C4B:8D 26 09 313 STA VELSAVE 0C4E:20 B4 0B 314 JSR LOOKVOIC 0C51:60 315 RTS 0C52: 316; 316;
0C4E:20 B4 0B 314 JSR LOOKVOIC 0C51:60 315 RTS 0C52: 316;
0C51:60 315 RTS 0C52: 316;
0C52: 316 ;
TIVE LEVY JI / NEVHIVILLY INTO
0C52:E8 317 NEXTVOIC INX 0C53:E0 07 318 CPX #\$07
0C55:D0 B6 319 BNE CHKVOICE
0C57:60 320 RTS
0C58: 321;

*** SUCCESSFUL ASSEMBLY: NO ERRORS

C000	APPLEKBD	0A6D	BOOST	091A	BRITISH	0A25	CHKDLTAH
0A70	CHKLOWB	0C15	CHKTEXT	0C0D	CHKVOICE	091C	DATA1
091D	DATA2	FE	DELTAH	FD	DELTAL	0A35	DELTZERO
0A11	ENDDELTA	0C32	FINDVLOO	0C30	FINDVOIC	0C40	FNDVOICE
0BC3	GOODVOIC	0915	INBYTE	0960	INITMOCK	092D	INITPSPT
C010	KBDSTROB	80	KEYCTRLH	15	KEYCTRLU	0AE9	KEYPRESS
0A41	L0864	0A46	L086A	0A50	L0874	0A5C	L0880
0A76	L08C0	?0A79	L08C3	?0A80	L08CA	0A81	L08CE
0AAB	L0902	0AB6	L090D	0AC0	L0918	0ACA	L0922
0AD3	L092B	0AD9	L0931	0AF4	L094D	0AFD	L0956
0B24	L0B35	0B52	L0B64	0B57	L0B69	0BB4	LOOKVOIC
0A67	LOOPBACK	0923	MAXVOL	0B9E	MIDIIN	0A8E	MIDIMSG
0956	MIDIOEX	0938	MIDIOUT	0D80	MIDISCRH	0D00	MIDISCRL
FA	MIDISTSB	0F80	MIDMOCKH	0F00	MIDMOCKL	C400	MOCKBASE
0919	MOCKBYTE	09A5	MOCKPOKE	0918	MOCKREG	FCA8	MONWAIT
0E80	MOUSETXT	0947	MOUTTDRE	0C52	NEXTVOIC	0B6E	NOTEDOWN
0925	NOTESAVE	0B1F	NOTNOTE	0E00	NUMDBYTS	0A85	ONEBYTE
09D2	PANIC	0B00	PHASCHK	091B	PHASE	0B03	PHASPRCS
0B32	PHNOT00		PIANOON	09E4	PLAYSONG	099E	PLUGVOL
0B8E	POKETEXT	C0A8	PPMIDICR	C0A9	PPMIDIDR	0C0B	PRCSVOIC
0A3E	RUNNING	0AA1	SKIPMSG	FC	SONGBYTH	FB	SONGBYTL
09	SONGENDH	80	SONGENDL	07	SONGH	06	SONGL
?09E7	SONGPLAY	0917	SPEAKER	FF	SPEED	0941	TESTMIDI
0C2F	TEXTEXIT	0921	TEXTH	0920	\mathtt{TEXTL}	0922	TEXTNOTE
0B98	TONEGEN	09EF	TOPLOOP	A8A0	TWOBYTES	0926	VELSAVE
0BCF	VOICADRS		VOICENUM	0927	VOICEVOL	0A17	WAITDLTA
091E	XSAVE	091F	YSAVE	0A83	ZEROBYTS	01	ZPTEXTH
00	ZPTEXTL						

		0.0	ZPTEXTL	01	ZPTEXTH	06	SONGL
07	SONGH						
08	KEYCTRLH	08	SONGENDL	09	SONGENDH	15	KEYCTRLU
FA	MIDISTSB	FB	SONGBYTL	FC	SONGBYTH	FD	DELTAL
FE	DELTAH	FF	SPEED	0915	INBYTE	0916	PIANOON
0917	SPEAKER	0918	MOCKREG	0919	MOCKBYTE	091A	BRITISH
091B	PHASE	091C	DATA1	091D	DATA2		XSAVE
091F	YSAVE	0920	\mathtt{TEXTL}	0921	TEXTH	0922	TEXTNOTE
0923	MAXVOL	0924	VOICENUM	0925	NOTESAVE	0926	
0927	VOICEVOL	092D	INITPSPT	0938	MIDIOUT	0941	TESTMIDI
0947	MOUTTDRE	0956	MIDIOEX	0960	INITMOCK	099E	
09A5	MOCKPOKE	09D2	PANIC	09E4	PLAYSONG	?09E7	SONGPLAY
09EF	TOPLOOP	0A11	ENDDELTA	0A17	WAITDLTA	0A25	_
	DELTZERO		RUNNING	0A41	L0864		L086A
0A50	L0874	0A5C	L0880	0A67	LOOPBACK	0A6D	BOOST
0A70	CHKLOWB	0A76	L08C0	?0A79	L08C3	?0A80	L08CA
0A81	L08CE	0A83	ZEROBYTS	0A85	ONEBYTE	0A8A	TWOBYTES
	MIDIMSG		SKIPMSG	-	L0902		L090D
0AC0	L0918	0ACA	L0922	0AD3	L092B	0AD9	L0931
0AE9	KEYPRESS	0AF4	L094D	-	L0956	0B00	PHASCHK
0B03	PHASPRCS	0B1F	NOTNOTE	0B24	L0B35	0B32	PHNOT00
0B52	L0B64		L0B69		NOTEDOWN		POKETEXT
0B98	TONEGEN		MIDIIN		LOOKVOIC	0BC3	GOODVOIC
0BCF	VOICADRS	0C0B	PRCSVOIC	0C0D	CHKVOICE	0C15	CHKTEXT
0C2F	TEXTEXIT	0C30	FINDVOIC	0C32	FINDVLOO	0C40	FNDVOICE
0C52	NEXTVOIC	0D00	MIDISCRL	0D80	MIDISCRH	0E00	
0E80	MOUSETXT	0F00	MIDMOCKL	0F80	MIDMOCKH	C000	APPLEKBD
C010	KBDSTROB	C0A8	PPMIDICR	C0A9	PPMIDIDR	C400	MOCKBASE
FCA8	MONWAIT						