HEWLETT PACKARD: TABLE MANAGER (c) Coleco, 1982 CONFIDENTIAL

FILE: 05 TPRINE:pOS "

180

OCATION OBJECT CODE		¥ =	ALETT-PACKARD: SOURCE LINE	NEWLETT-PACKARD: TABLE MANAGER (c) Coleco, 1982 SOURCE LINE) Coleco, 1982 COMFIDENTIAL Fri, 18 May 1984,	Мау 1984
CALL OF COSE	1	į	SOURCE LINE			
180E 2808	•	6140	4	Z, END ADJ COUNT		
	•	5141 M	6141 ADJUST COUNT		MULTIPLY 11EM COUNT TO GET BYTE COUNT	
	-	6142	SLA	ر ن		
	•	6143	a :	a		
1864 30	-	9144	DEC	<		
18E5 20F9		6145	¥ :	MZ, ADJUST COUNT		
18E7 ED4373FE		6146	97	(SAVED_COUNT), BC	SAVE ADJUSTED COUNT	
		6147 EN	A148			
Taca C1		0717	QUQ	Ja	STORY TASS TIGHT DOTTED	
1860	. •	150 54	6150 SFT COINT20	2	HESTONE INBLE CODE/INDEX	
1865 65		1519	DICH	=		
1850 0000	. ~	6152	V		CET TABLE ADDRESS IN VOAM	
	. •	6153	ADD	IX BC	THE WORLD IN WHAT	
18F1 DO6E00		6154	q	10+XIJ	I OLL CARRED OF VOAM ANDRESS	
18F4 DD6601		6155	9	H (1X+1)	WICH DROPE OF VOAM ADDRESS	
18F7 19		6156	V V	HL DE	ADD BYTE INDEX TO GET VRAM START ADDRESS	
18FB EB	•	6157	EX	DE.H	- VRAM DESTINATION NOW IN DE	
18F9 E1		6158	904	#	RESTORE DATA POINTER	
18FA ED4873FE		6159	9	BC, [SAVED COUNT]		
18 FE	9		SET COUNTX			
18FE C9	•		RET			
	•	6162				
200000000	•					
18FF			SHIFT CT			
181 0203000303		6165		DEFB	2,3,0,3,3	
	0 4	9100				
	•		and Johnson	The state of the s		
	0 0	0010	PROCEDUKE PUT	VRAMO (TABLE COD)	* PROCEDURE PUL VRAMA (TABLE CODE:BYTE,START INDEX:BYTE;SLICE:BYTE; VAR DATA:BUFFER:ITEM CNANT:INTEGED:	
	•				17 was a second a sec	
	•		THIS IS THE PA	* THIS IS THE PASCAL ENTRY POINT TO INIT TABLE	TO INIT TABLE	
1004 00050001		6173 PE	PUT VRAM P	DEFW	5,1,1,1,-2,2	
1COC FFFE0002	05					
	9		THIS IS THE P!	VRAMETER DESCRIPTO	* THIS IS THE PARAMETER DESCRIPTOR FOR INIT_TABLEQ	
	•	210				
			PUT VRAMO			
1010 01100		212			PEC, FUL VKAM P	
1015 117364		210			DADAN	
		4180			A FORDAM ABEAT	
		4181			TO DE COMPANY ADEA 11	
		6187			IY [PARAM AREA+5]	
		K183			HI COADAM ADEA 471	
		6184			IL, II ARAM AREATSI	
1027	9		PUT VRAM		WRITES A CERTAIN NUMBER OF BYTES TO VRAM	
	•			••	; FROM A BUFFER.	
	•	6187		••	; IN: TABLE CODE IN A	
	•	6188			0=SPRITE NAME TABLE	
	•	6189			; 1=SPRITE GENERATOR TABLE, Z=PATTERN NAME	
	•	6190			TABLE, 3= PATTERN GENERATOR TABLE, 4=	
	۰ ،	1610			COLOR TABLE	
	•	2619		•	START INDEX IN DE,	
	9 4	7019			DATA BUTTER IN HI, AND LUCINI IN 17.	
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Fri, 18 May 1984, 16:21
HEWLETT-PACKARD: TABLE MANAGER (c) Coleco, 1982 COMFIDENTIAL
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PUSH AF
IF (TABLE_CODE = SPRITE_NAME_TABLE) AND (MUX_SPRITES = TRUE) THEN
CP_0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; INITIALIZES THE SPRITE DISPLAY ORDER; LIST IN RAM TO DEFAULT ORDER (0...31); IN: NUMBER OF SPRITES TO ORDER IN AA:
                                                                                                                                                           LD HL, [LOCAL_SPR_TBL]; CALCULATE ADDRESS IN TABLE
1D A,E
SLA A
SLA A
ADD HL,DE
EX DE,HL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     6238 * THIS IS THE PASCAL ENIRY POINT TO THE INIT SPR ORDER ROUTINE. 6239
                                                                                                                                                                                                                                                                                                              ; STACK CLEAR
; PERFORM WRITE FROM BUFFER
                                                                                                                                                                                                                                            ; CALCULATE BYTE COUNT
                                                                                                                                  POP AF ; CLEAR STACK
PUSH HL ; [SP] = DATA BUFFER
                                                                                                                                                                                                                                                                                                                                                                                                                                                  6236 * PROCEDURE INIT_SPR_ORDERQ (SPRITE_COUNT:BYTE);
6237
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         BC, INIT SPR P
DE, PARAM AREA
PARAM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       A, [PARAM AREA]
                                                                                                                    WRITE ENTRY TO LOCAL TABLE
                                                                    JR NZ, ELSEZZ
LD A, UNUX SPRITESI
CP 1
                                                                                                                                                                                                                                                                                                                                                                      POP AF
CALL SET COUNT
CALL VRAM WRITE
                                                                                                 JR WZ,ELSEZZ
                                                                                                                                                                                                                                                                                                                                         JR END 1F22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          6242 INIT_SPR_ORDERQ EQU 6243 LD 6244 LD 6246 LD 6246 LD 6246 LD 6247 6247 6249 6259 6251
                                                                                                                                                                                                                                        PUSH IY
POP BC
LD A,C
SLA A
SLA A
LD C,A
                     SOURCE LINE
                                                                                                                                                                                                                                                                                                          6222
6224
6224
6225
6226
6227
6228
6229
6239
6230
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        6240 INIT SPR P
                                                                                                                                                                                                                                                                                                                                                                                                           6232 END_IF22
6233
6234
6235
                                      LOCATION OBJECT CODE LINE
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6219
FILE: 05 TPRIME: pOS
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1050 11738A
1060 000098
1063 3A738A
                                                       1C28 FE00
1C2A 2022
1C2C 3A73C7
1C2F FE01
1C31 2018
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1C4E F1
1C4F CD1BAA
1C52 CD1B01
                                                                                                                                                          1C35 2A8002
                                                                                                                                                                   1C38 78
1C39 C827
1C38 C827
1C30 SF
1C3E 19
1C3F E8
                                                                                                                                                                                                                                       1040 FDES
1042 C1
1043 79
1044 CB27
1046 CB27
1048 4F
                                                                                                                                                                                                                                                                                                         1C49 E1
1C4A EDB0
                                                                                                                                                                                                                                                                                                                                      1C4C 1807
                                                                                                                             163
163
16
                                       1C27 F5
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Fri, 18 May																		KAN		. V. NI							NOW IN DE.		1							LE POINTER						
1982 CONFIDENTIAL		SAVE SPRITE COUNT									" THIS IS THE PASCAL ENTRY POINT TO THE WR SPR UM TBL ROUTINE.			•	IREA	(REA)	Contract water	USING THE SPRITE NAME INSLE TO VKAN	. danc onten tist.	NUMBER OF SPRITES TO WRITE IN			LIST OF DISPLAY ORDERS		=		, VRAM SPRITE_NAME_TABLE ADDRESS NOW IN DE.							OUNI		HL, (LOCAL SPR 18L) ; RESTORE RAM SPRITE NAME TABLE POINTER	KDEK	ADVANCE DISPLAY ORDER POINTER				
HEWLETT-PACKARD: TABLE MANAGER (C) COLECO, 1982		; SAVE SPR	HL, [SPRITE ORDER]		•		B N2 INIT COB10	OLUL OLUL OLUL OLUL OLUL OLUL OLUL OLUL	TRIO (Spoits Count.evis.)	The state of the s	ENTRY POINT TO THE LA			BC, UR SPR P	DE, PARAM AREA	A, [PARAH AREA]	9311011	USING THE		; NUMBE	08Ен	Han	IX, [SPRITE ORDER] ; LIST O	3	IY.VRAM ADOR TABLE	,		SET UP VDP TO RECEIVE DATA		1 PORT1 A			[MODE 1 PORT], A	; RESTORE COUNT		CAL SPR 18L1 ; RESTORE	ADVANCE DISSIL					
): TABLE	¥	B, A		7		۲		50	Spp May		PASCAL	DEFV	EQU		95	9					9 5	3	IX, [SP		-	E, [17+0]	D, [1Y+1]			A,E	Q'V	но*	MODE	ĄĘ	¥.	E, E0	,	0,8	HI, BC	HL, BC	H, BC	1
HEWLETT-PACKARI	SOURCE LINE	91		INIT_SPR10			S =		* PROCEDURE UR SPR MM TREO			LIR SPR P	LIR SPR NIM TBLO				WR SPR NM TRI				HODE 0 PORT	Town I	91	01 .	2 9	01	9	•.	-	e 5	9	8	3	POP	6299 OUTPUT LOOP TABLE NA	9 5	2 2	9	VOD	VDO	900	à
Ş	DE LINE	6252	6254	6255	6257	6258	929	6261	6262	929	6265	6267	6929	6270	6272	6273	6275	6276	6277	6279	6280	6282	6283	4979 4285	6286	6287	6288	6290	6291	6293	6294	6295	6297	6298	8679	6300	6302	6303	6304	6305	6307	6108
ILE: 05_TPRIME:pOS	OCATION OBJECT CODE	27 9931		C68 77		C60 3C	1C6F 20FA					1072 00010001	<1C76>	1076 011072	1C7C CD0096	C7F 3A73BA	1082						1C82 D02A8004	ICAS FS			100c01		£ 10			95 F640		1099 F1		90 DO4E00					8 8 8	
11E:	OCA1			- =	=	= :		=				ĭ		≃ \$	= 2	2	1						7	1	5	2	2		101	5	2	565	2	5	¥ 2	60	2	1CA2	1CA	2 2	1047	

6309 6310 6311 6311 6311 6311 6311 6311 6311	CT CODE LINE SOURCE LINE 6309 6310 6311 6314 6315 6316 6316 6316 6317 6317 6319 6319 6320 6320 6321 6320 6321 6320 6321 6322 6320 6322 6323 6323 6324 6325 6326 6326 6326 6326 6327 6328 6329 6329 6329 6329 6329 6329 6320 6321 6331 6320 6320 6320 6320 6320 6321 6320 6321 6320 6321 6320 6331 6331 6331 6332 6333 6333 6333 6340	FILE: 05_TPRIME:p0S	E:p0S	Ξ.	IEWLETT-PACKARD:	HEWLETT-PACKARD: TABLE MANAGER (c) Coleco, 1982		CONFIDENTIAL
6309 6310 6311 6266 6313 6314 6315 6315 6315 6316 6316 6317 6317 6318 6320 6321 6321 6322 6322 6322 6323 6323 6323	6309 6310 6311 6266 6313 6313 6314 6315 6315 6316 6316 6317 10 B,4 10 C,MODE 0 PORT ; ELEN JI 10 B,4 10 C,MODE 0 PORT ; CUIPUT UT 10 B,1 10 B,4 10 C,MODE 0 PORT ; CUIPUT UT 10 B,1 10 B,4 10 C,MODE 0 PORT ; CUIPUT UT 10 B,1 10 B,4 10 C,MODE 0 PORT ; CUIPUT UT 10 B,1 10 B,4 10 C,MODE 0 PORT ; CUIPUT UT 10 B,1 10 B,4 10 C,MODE 0 PORT ; CUIPUT UT 10 B,1 10 B,4	31780 N	T CODE		SOURCE LINE			
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DEC C, MODE D. PORT ; ELEN I. II	Color Colo			6310				
CANON CANO	Color Colo			6311	9	8,4	FLEN AT COUNT FOR	
6313 OUTPUT LOOP 10 600 6315 800 6316 8017 8018 8019 8	6313 OUTPUT LOOP 10 600 6316 6016 6017 6018 6019			6312	9	C. MODE 0 PORT	DITTELL POOL IN 1	
EDA3 6314 OUTI 00 6315 NOP : DELAY 00 6316 NOP : DELAY 6318 : DEC A 6320 : DEC A 6321 DEC A 20E5 6322 JR NZ, OUTPUT, LOOP 10 6322 JR NZ, OUTPUT, LOOP TABLE NA 6324 GLB SPRITEGE 6326 6325 GLB SPRITEGE 6327 GLB SPRITEGE 6338 SPRITEMANÉTBL DEFS 6334 SPRITEMANÉTBL DEFS 6335 PATTRINAMETBL DEFS 6336 TRIS TABLE NOLDS THE BASE ADDRESSES OF 6340 GS41 SAVE TEMP DEFS 6341 SAVED COUNT DEFS 6342 SAVED COUNT DEFS 6345 PARMA AREA DEFS 6346 ROUTINES IN THIS MODULE. IT IS HELD IN 6346 ROUTINES IN THIS HODULES.	EDA3 6314 OUTI 00 6315 NOP ;DELAY 00 6316 NOP ;DELAY 0318; LD A, ISPRITE_CTJ 0320; DEC A 0321 DEC A 0322 LD (SPRITE_CTJ) 0322 LD (SPRITE_CTJ) 0432 LD (SPRITE_CTJ) 0522 RET 0523 RET 0524 GLB SPRITEGEN 0525 GLB SPRITEGEN 0526 GLB SPRITEGEN 0537 GLB SPRITEGEN 0537 GLB SPRITEGEN 0538 SPRITEGEN 0538 SPRITEGEN 0539 COLORTABLE 0539 TOLORTABLE 0530 TOLORTABLE 0530 TITRINAMANETBL 0540 SPRITEGEN 0550 SPRITEGEN 05	.,		6313	OUTPUT LOOP 10		2	
20fA 6315 NOP ;DELAY 20fA 6316 NOP ;DELAY 6318 ; LD A, ISPRITE_CTJ 6320 ; LD [SPRITE_CTJ] A 20e5 6322 JR NZ, OUTPUT_LOOP 10 6321 DEC A 20e5 6322 JR NZ, OUTPUT_LOOP TABLE_NA 6325 G128 SPRITEGE 6326 G128 SPRITEGE 6327 G128 SPRITEGE 6339 G128 SPRITEGE 6330 G128 SPRITEGE 6330 G128 SPRITEGE 6330 G128 SPRITEGE 6331 SAPRITEGENTBL DEFS 6334 SPRITEGENTBL DEFS 6335 PATIRHAMETBL DEFS 6336 PATIRHAMETBL DEFS 6336 SATIRHAMETBL DEFS 6337 COLORTABLE 6337 COLORTABLE 6338 THIS TABLE NOLDS THE BASE ADDRESSES OF 6341 SAVE TEMP DEFS 6342 SAVED_COUNT DEFS 6343 SAVED_COUNT DEFS 6344 ; COMM 6345 ** THIS IS THE PARAMETER PASSING AREA FOR 6346 ** ROUTINES IN THIS MODULE. IT IS HELD IN 6348 ** ROUTINES IN THIS MODULE.	00 6315 MOP ; DELAY 00 6316 MOP ; DELAY 00 6316 MOP ; DELAY 6319 1.0 A, ISPRITE_CTJ A 6320 1.0 ISPRITE_CTJ A 20E5 6322 1.0 ISPRITE_CTJ A 20E5 6322 1.0 ISPRITE_CTJ A 20E5 6322 1.0 ISPRITE_CTJ A 6323 1.0 ISPRITE_CTJ A ISPRITE_CTJ A 6324 6325 1.0 ISPRITE_CTJ A ISPRITE_CTJ A 6325 6326 GLB RFT GLB SPRITE_MAD SPRITE_MAD GLB SPRITE_MAD SPRITE_MAD GLB SPRITE_MAD A <td< td=""><td></td><td></td><td></td><td>IImo</td><td></td><td></td><td></td></td<>				IImo			
20FA 6316 20FA 6317 20FA 6318 6319 6319 6319 10	20FA 6316 20FA 6317 20FA 6317 31 6319 6320 6320 6321 6322 6322 6323 6324 6325 6326 6326 6326 6327 6327 6328 6328 6328 6329 6329 6329 6329 6329 6329 6320 6330 6330 6330 6330 6330 6330 6330 6330 6330 6330 6330 6340			6315	9	2	.Der av	
20FA 6317 6318 6319 6319 6319 6320 6321 10	20FA 6317 JR NZ, OUTPUT LOOP 10 6318; LD A, ISPRITE_CTJ 6319; LD A, ISPRITE_CTJ 6320; LD ISPRITE_CTJ 6321 DEC A 6322 RET 6322 RET 6324 RET 6326 G128 SPRITEMA 6327 G128 SPRITEMA 6329 G128 SPRITEMA 6329 G128 SPRITEMA 633 SPRITEGENTBL 634 SPRITEGENTBL 635 SPRITEGENTBL 635 SPRITEGENTBL 636 SPRITEGENTBL 648 SPRITEGE			6316	2		PELAT	
SOURCE STATE STA	SOURCE STATE STATE STATE STATE 6319			74.7				
6318 ; LD A, ISPRITE_CT] 6319 ; DEC A 6320 ; LD (SPRITE_CT], A 20E5 6322 6322	March Marc			25	*	NZ, OUTPUT LOOP 10	_	
30 6319; DEC A 6320; DEC A 20E5 6322 38 6321 50 6322 51	30 6319 6320 6321 10 10 10 10 20E5 6322 11 10 10 10 10 10 10 10 10 10 10 10 10			6318	91 .	A. [SPRITE CT]		
30 6320; LD (SPRITE_CT1,A 20E5 6322	30 6320; LD [SPRITE_CT],A 20E5 6322			6319	: DEC			
30 6321 DEC A 20E5 6322	30 6321 DEC A 20E5 6322 JR NZ, OUTPUT_LOOP_TABLE_HA 6324 6324 GLB VRAM ADDI 6326 6326 GLB SPRITEENA 6327 GLB SPRITENA 6329 GLB SPRITENA 6330 GLB PATTRNAM 6331 GLB PATTRNAM 6332 VRAM ADDR TABLE 6333 SPRITECRIBL DEFS 6334 SPRITECRIBL DEFS 6335 PATTRNAMETBL DEFS 6335 PATTRNAMETBL DEFS 6336 TOLORTABLE 6338 THIS TABLE HOLDS THE BASE ADDRESSES OF 6340 6342 SAVED_COUNT DEFS 6343 GASSONG AREA FOR 6344 SAVED_COUNT DEFS 6345 FOUNTINES IN THIS MODULES. 6346 ** POUNTINES IN THIS MODULES.			6320		(SPRITE CIT A		
20E5 6322 0324 6325 6326 6326 6326 6327 6328 6328 6329 6329 6330 6331 6332 CLB PATTRNUGE 6333 SPRITEINAMETBL 6334 6335 PATTRNUGE 6335 PATTRNUGE 6335 PATTRNUGE 6335 PATTRNUGE 6336 6336 PATTRNUGE 6337 SPRITEINAMETBL 618 PATTRNUGE PATTRNUGE 618 PATTRNUGE PATTRNUGE 618 PATTRNUGE	20E5 6322 JR NZ, CUTPUT_LOOP_TABLE_HA 6324 6326 GLB VRAM ADDI 6326 GLB SPRITENA 6327 GLB SPRITENA 6328 GLB PATTRNUGE 6330 GLB PATTRNUGE 6331 SPRITEGENTBL DEFS 6332 VRAM ADDR TABLE 6333 SPRITEGENTBL DEFS 6334 SPRITEGENTBL DEFS 6335 PATTRNUGENTBL DEFS 6336 PATTRNUGENTBL DEFS 6336 PATTRNUGENTBL DEFS 6335 SPRITEGENTBL DEFS 6336 PATTRNUGENTBL DEFS 6336 PATTRNUGENTBL DEFS 6336 PATTRNUGENTBL DEFS 6335 PATTRNUGENTBL DEFS 6336 PATTRNUGENTBL DEFS 6347 PATTRNUGENTBL DEFS 6348 PROUTINES IN THIS MODULES. 6348 POUNTS FOR OTHER MODULES.			1229	DEC			
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6332 VRAM ADDR TABLE 6333 SPRITEMANÉTBL DEFS 6334 SPRITEGENTBL DEFS 6335 PATTRINGMENTBL DEFS 6336 * THIS TABLE MOLDS THE BASE ADDRESSES OF 6337 COLORTABLE DEFS 6337 * THIS TABLE MOLDS THE BASE ADDRESSES OF 6340 6341 SAVE TEMP 6345 6344 ; COMM 6345 6345 * THIS TS THE PARAMETER PASSING AREA FOR 6346 * ROUTINES IN THIS MODULE. IT IS HELD IN 6345 * POINTS FOR OTHER MODULES.	6332 VRAM ADDR TABLE 6333 SPRITEMAMĒTBL DEFS 6334 SPRITEMAMĒTBL DEFS 6335 PRITRIGENTBL DEFS 6336 PATTRINGMEBL DEFS 6337 COLORTABLE DEFS 6338 THIS TABLE HOLDS THE BASE ADDRESSES OF 6339 6340 6341 SAVE TEMP DEFS 6342 SAVED_COUNT DEFS 6343 THIS TABLE HOLDS THE BASE ADDRESSES OF 6343 THIS TABLE HOLDS THE BASE ADDRESSES OF 6344 THIS TABLE HOLDS THE BASE ADDRESSES OF 6345 SAVED_COUNT DEFS 6345 PRINST THE PARAMETER PASSING AREA FOR 6345 PROUTINES IN THIS MODULES. 6345 PROUTINES IN THIS MODULES.			4350		910	PALIKNGENIBL	
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; COMM; PARAM AREA DEFS 6 * THIS IS THE PARAMETER PASSING AREA FOR * ROUTINES IN THIS MODULE. IT IS HELD IN POINTS FOR OTHER MODULES.	; PARAM AREA DEFS 6 * THIS IS THE PARAMETER PASSING AREA FOR ** ROUTINES IN THIS MODULE. IT IS HELD IN PROG			3				
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* ROUTINES IN THIS MODULE. IT IS HELD IN POUNTS FOR OTHER MODULES.	* ROUTINES IN THIS MODULE. IT IS HELD IN * POINTS FOR OTHER MODULES. PROG			6		AKAMETER PASSING	AKEA FOR THE PASCAL	ENIRY POINTS TO
* POINTS FOR OTHER MODULES.	* POINTS FOR OTHER MODULES. PROG			6348	ROUTINES IN TH	HIS MODULE. IT IS	HELD IN COMMON WITH	OTHER SUCH FMIRY
200	PROG			6349	POINTS FOR OTH	HER MODULES.		
				USEY	2000			

SOURCE LINE

OCATION OBJECT CODE LINE

* THIS IS THE PARAMETER DESCRIPTOR FOR REG WRITED		KEG WILEG	o Direction of		PARAM	HI IPARAM AREAT	C, H	1,8		REG LRITE	•			A,L	ICIKL PORIJ, A	CIRL PORT	# W	A.60H	ICTRL PORTJ, A		= 0 THEN VOP_MODE_WORD[0] := VALUE	8,A	0	MZ, NOT REG 0	A,C	C TOTAL MONEY, A	•	THEN VDP MODE WORD (1) := VALUE		-	MZ, MOT_REG_1	IVAP MODE LINED+111 A	\$ C.				VRAM WRITE (VAR DATA: BUFFER; DEST: INTEGER; COUMT: INTEGER)		VAR DATA (POINTER TO DATA BUFFER) IS PASSED IN HI.			3 -2 2 2		THIS IS THE PARAMETER DESCRIPTOR FOR VRAM WRITED		VRAM URITED	•
IIS IS THE PARAMETER	BEGIN REG WRITE	BEG URITED FOR		9 5	CALL	97	9	7			REG_WRITE EQU		VALUE =; CIKL PORT	eē	3	REGISTER + BOH =: CT		VDO	180		IF REGISTER = 0 THEN	9	<u>e</u> :	¥ :	2 5	NOT REG 0 FOLL		IF REGISTER = 1 THEN		S :	÷ :	2 2	NOT REG 1 EQU		END KEL WKITE	, and a	PROCEDURE VRAM MRITE (1	VAR DATA (POINTER TO DA	COUNT IS PASSED IN BC	YS: ALL	VRAM URITE P DEFU		IS IS THE PARAMETER D	* BEGIN VRAM WRITE	819	
949	•	0400 6460 RFG		6471	64.72	573	72.79	22	64.76		64.78 REG	K. B. S.		24.83	6483	* 757	6485	64.86	1879	6488	250	8	25	76.50	622			. 1679	6498	6689	6500	6502		6504	0)	6507		9	6511 * 0F		•	6514 6515 VRAM		6516 • TH		6519 6520 VOAN URITED	DIEG ARM
·r.		<1CBC>	0110	1CBF 11738A				1009 45			<1CCA>		1CCA 70	1CCR D3RF			1000 78	1CCE C680	1000 D38F				1005 7000	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		<100B				100C FE01	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		<1CE 4>		1CF4 C0							1CES 0003FFFE	1CE9 00020002			<1CFD*	

o 1982 CONFIDENTIAL Fri, 18 May	ف					.21	-																																				TEGER: COUNT: INTEGER)		H									
HEWLETT-PACKARD: DRIVERS FOR 9928 VDG (c) Coleco 1982 CONFIDENTIAL SOURCE LINE	TYLON MADY 70	DE, VAN WRITE P	DE, PAKAN AKEA	LAKAM	HL, [PARAM AREA]	DE, [PARAM AREA	BC, [PARAM AREA+4]		VRAM WRITE	•		¥	DE	¥	DE,4000H	NL, DE			A,L	ICIRL PORTI, A	DFST =: CT01 DO01	LINE TOWN	CTBI DOGTI A	וכוער בשנוז'ע		ú	2 4	1 =	C.DATA PORT	3.8					NZ, OUTPUT LOOP	0	M, END OUTPUT	MZ, UUIPUI LOOP		•	•		(VAR DATA:BUFFER; SRCE: INTEGER; COUNT: INTEGER)		VAR DATA (POINTER TO DATA BUFFER) IS PASSED IN HI				3, 2,2,2		- INIS IS THE PARAMETER DESCRIPTOR FOR VRAM READO		VRAM READO	The state of the s
HEWLETT-PACKARD: DRIVER SOURCE LINE	-	3 5		ייי	3	97	9		6520 618	VRAM WRITE EQU	* DEST := DEST + 4000H	PUSH	PUSH	8	9	ADD	***************************************	LOW BILE OF DESI =; CIRL PORT	2 8	3	* HIGH RYTE OF DEST =:		18	į	* DATA = . DATA POOT	HSIM	902	90	<u>:</u> 9		OUTPUT LOOP EQU	1100	MON	MOM	4	Dec	2, 0	¥,	* FMD VRAN URITE	END OUTPUT FOU			* PROCEDURE VRAM READ	The second secon			* DESTROYS: ALL	DESIROIS: ALL	VRAM READ P DEFW		INIS IS THE PARAMETER	* BEGIN VRAM READ	618	
FILE: 0S_7PRIME:pOS H		11738A	CD0008	24778A		CO. 0 7707	ED48/38E	6527		<1001> 6529	1539	2			114000 6535		1600	0154				70 6543		9245		CS 6547			3	6551	c1014> 6552	2	9550		15 4557	121				<1021> 6562	6563	6564			1999	9000		6571		16.33				
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ON FIRE			BC, VRAM READ P	DE. PARAM AREA	D	HI IPARAM AREA!	ARAM AREA+21	RC IDARAM AREA+4.		DE AO	KEAD					ICIRL PORTI A				ICIRI PORTI A					TOO T							NZ, INPUT LOOP		M, END INPUT	NZ, INPUT LOOP												EAD			What is recorded a constant of the second	A, [CTRL_PORT]			
		ęs.	BC, VR	DE.PAS	PARAM	H (P)	DF (P	BC IP		WOAN DEAD	N N N			CIRL PORT	A F.	CIRL		IRL PORT	O.A.	CIBI			Ja	2 4	DE DAT	2	• •	•				NZ, IN	a :	ON N	NZ, IN			•			1		ED IN A				REG READ	•						
27.	<u> </u>	EQU	97	9	CAL	9	2	2	3	2	3	9		SRCF =:		110	į	OF SRCE =: CIRL PORT		TIDO	3	TA POOT	BICH	2 2	2 :	2 5	2 5	3	Ē	0	9	4	DEC	9	3		EAD	EQU	RET		REG READ: BYTE	1	FUNCTION OUTPUT RETURNED	A ONLY		READ	GLB	003			2	19	0V	-
1 3301703	SOURCE LINE	VRAM READQ										6586 VRAM READ		* I OU RYTE OF				* HIGH BYTE OF	1			* DATA =: DATA POST	, uiu				000	DOOL INPUT LOOP									* END VRAM READ	END INPUT	2002		* FUNCTION		* FUNCTION O	* DESTROYS A		* BEGIN REG READ	ti:	REG READ		* REG READ ;=			* END REG READ	
200	E H	1159	6578	6570	65.80	1859	4583	2837	2000	000	6585	6586	6587	65RA		659	6591	6592	1059	7059	4650			1450	0000	466	200	5	209	6603	2000	\$605	909	3	8099	8099	6610			6613	71.99	6615	9199	6617	6618	6199	6620	1299	6622	6623	6624	6625	6626	200
Tana and	OCATION OBJECT CODE	<102A>	011022	11738A	CDOOM	247704	En So 720r	207.07.02	386 18603			<103E>			2	DIRE			7.4	DIRE			ž	3 2			5	<10495		8	8	C21049	15	FA1056	20F3			<1056>		;								<1057>		18 Chall Connection	DBBF		9	2
	DCATION		102A	1020	10.01			210							1035	101	1		1901	157	1					2							1050						1056 C9												1057 DBBF		02 0304	200

SOURCE LINE

OCATION OBJECT CODE LINE

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6673 * PROCEDURE REFLECT_VERTICAL (TABLE_CODE(A), SOURCE(DE), DESTINATION(HL), COUNT(BC)) 6674
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               6675 * REFLECT REFLECTS EACH OF A BLOCK OF GENERATORS FROM VRAM AROUND 6676 * THE VERTICAL AXIS. IF THE GENERATORS ARE FROM THE PATTERN PLANE 6677 * AND THE GRAPHICS WODE IS 2, THEN THE ROUTINE ALSO COPIES THE 6678 * CORRESPONDING COLOR GENERATORS., OTHERWISE IS ASSUMES THAT THE COLOR 6679 * DATA HAS ALREADY BEEN SET UP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; ACTUAL ROUTINE NAME EXISTS IN 0S
                                                                                                                                                                                                                                                                                                   6648; EVINTER TO THE WORK BUFFER DEFINED BY THE CARTRIDGE PROGRAMMER
                                                                                                                                                                                                                                                                                                                                                          6651; EXT VOP MODE WORD 6652 * THE WORD IN OS RAM THAT DESCRIBES THE CURRENT GRAPHICS MODE
                                                                                                                                                                      THESE ROUTINES WRITE TO AND READ WITHOUT POSSIBILITY OF DEFERAL AND SHOULD NOT BE USED IN ANY SITUATION WHERE THEY MAY BE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 6658 : EXT MIRROR L R
6659 : EXT MIRROR U D
6660 : EXT MAGNIF
6661 : EXT MAGNIF
6662 : EXT QUADRUPLE
6663 : EXTERNAL ROUTINES THAT PERFORM BLOCK OPERATIONS
6664 : TRUE EQU 1
                                                                                                                                                                                                                                                                                                                                                                                                             6654; EXTERNAL OS ROUTINES IN TABLE_NAMAGER MODULE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            IX, RFICT VERI
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         6669 PATTERN GEN EOU
6670 COLOR TÁBLE EQU
6671 * VALÜES FOR TABLE CODE
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6749 6740 6750 551 OPERATION CODE	6749 6740 6750 551 OPERATION CODE		6748			JOW INBLE OF	=	
FOR SET OPERATION CODE 1X, ENLRG	FOR SET OPERATION CODE IX, ENLEG 6753		6749					
10 17, EMLRG	FEOT 6751 LD IX, EMLRG_ 6752 6753 6754 CONTINUE EXECUTION HERE 6754 CONTINUE GRAPHICS 6755 6756 6757 SAVE ALL ENTRY PARAMETERS 6756 6750 PUSH IX AF AF AF AF AF AF AF A			* SET OPERATIO	N CODE			
6752 6754 • COMITIMUE EXECUTION HERE 6755 COMITIMUE EXECUTION HERE 6756 6757 • SAVE ALL ENIRY PARAMETERS 6758 • SEPERT 6763 HAIN LOOP 6764 • COMITIMUE CRAPHICS 6765 • GET VRAM (TABLE CODE, SOURCE, MORK BUFFER 10. 6765 • GET VRAM (TABLE CODE, SOURCE, MORK BUFFER 10. 6766 • FUSH 6770 • FUSH 6771 • FUSH 6771 • FUSH 6771 • FUSH 6772 • EXECUTE ENCODED OPERATION BELOM 6773 • CALL 6774 • SOURCE : SUCC (SOURCE) 6775 • COUNT := PRED (COUNT) 6775 • COUNT := PRED (COUNT) 6776 • FUSH 6777 • SOURCE : SUCC (SOURCE) 6778 • COUNT := PRED (COUNT) 6778 • COUNT := PRED (COUNT) 6779 • LU 6779 • FUSH 6770 •	6752 6754 • COMITIMUE EXECUTION HERE 6755 CONTINUE GRAPHICS 6757 • SAVE ALL ENIRY PARAMETERS 6758 • SEPERT 6753 MAIL WILL DOP 6764 • COMITIMUE CRAPHICS 6757 • SAVE ALL ENIRY PARAMETERS 6753 MAIL WILL DOP 6754 • COUNTILE CODE, SOURCE, WORK BUFFER 10. 6755 • GET VRAM (TABLE CODE, SOURCE, WORK BUFFER 10. 6756 • FEX AF,	106C D0211E			9	IX ENLAG		
6755 CONTINUE EXECUTION HERE 6755 CONTINUE GRAPHICS 6756 SAVE ALL ENTY PARAMETERS 6756 FX SAVE ALL ENTY PARAMETERS 6756 PUSH IN AF,	0.753 0.754 0.755 0.75		6752					
6754 ** CONTINUE EXECUTION HERE	6754 ** CONTINUE EXECUTION HERE 6755 6756 6757 ** SAVE ALL ENIRY PARAMETERS 6758 6759 EXA 6750 PUSH IX 6754 ** CET_WAM_LOOP 6755 ** REPEAT 6755 ** GET_WAM_LOOP 6756 EXA 6756 EXA 6757 POSP 6770 EXA 6771 POSP 6773 POSP 6775 POSP 6775 POSP 6775 POSP 6776 EXA 6777 POSP 6776 POSP 6777 POSP 6778 EXECUTE ENCODED OPERATION BELOW 6777 POSP 6778 POSP 6779 POSP 6770 POSP 677		6753					
6755 CONTINUE_GRAPHICS 6756 * SAVE ALL ENIRY PARAMETERS 6758 * EXA	6755 CONTINUE_GRAPHICS 6756 * SAVE ALL ENIRY PARAMETERS 6758 * EXA EXA EXA EXA 6750 * REPEAT 6763 MAIN_LOOP 6764 * REPEAT 6765 * GET_VRAM_(TABLE_CODE, SOURCE, WORK_BUFFER 10- 6765 * GET_VRAM_(TABLE_CODE, SOURCE, WORK_BUFFER 10- 6765 * GET_VRAM_(TABLE_CODE, SOURCE, WORK_BUFFER 10- 6766 * GFT		6754	* CONTINUE EXE	CUTION HERE			
6776 6778 6779 6779 6770 6770 6770 6770 6770 6771 6770 6770	6776 6778 6779 6779 6770 6770 6770 6770 6770 6770	1070	6755	CONTINUE GRAPHI	CS			
6757 * SAVE ALL ENIRY PARAMETERS 6758 6750 6762 6762 6763 6764 6765 6765 6765 6766 6776 6770 6771 6771 6771 6777 6777	6757 * SAVE ALL ENIRY PARAMETERS 6758 6750 6751 6752 6753 6754 6755 6755 6755 6755 6770 6770 6771 6771 6771 6771 6772 6773 6773 6773 6774 6775 6774 6775 6775 6776 6776 6776		6756	ı				
6758 EXX AF,AF' 6763 MAIN LOOP 6763 MAIN LOOP 6764 6765 GET_VRAM (TABLE_CODE, SOUNCE, MORK BUFFER 10 6765 GET_VRAM (TABLE_CODE, SOUNCE, MORK BUFFER 10 6765 GET_VRAM (TABLE_CODE, SOUNCE, MORK BUFFER 10 6766 FOR	6759 EXX AF,				RY PARAMETERS			
6759 EX PEPEAT 1X 1X 1X 1X 1X 1X 1X 1	6759 EX. 6762 * REPEAT 6763 MAIN LOOP 6764 6765 * GET_VRAM (TABLE_CODE, SOURCE, WORK BUFFER 10. 6765 * GET_VRAM (TABLE_CODE, SOURCE, WORK BUFFER 10. 6766 FOR POP AF 6770 EXX DEF 6771 EXX DEF 6771 FOR DEF 6772 EXX DEF 6773 FOR POP DEF 6774 CALL 6774 FOR POP DEF 6775 FOR POP DEF 6776 FOR POP DEF 6776 FOR POP DEF 6776 FOR POP DEF 6777 FOR POP DEF 6778 FOR POP DEF 6778 FOR POP DEF 6778 FOR POP DEF 6779 FOR POP DEF 6770 FOR	1070 09	6758		EXX			
6760 6763 6763 6764 6765 6765 6765 6765 6776 6770 6770 6770	6760 6763 6764 6765 6765 6765 6765 6766 6776 6770 6770	1071 08	6759		EX	AE AEI		
6762 * REPEAT 6763 * CALL CODE, SOURCE, WORK BUFFER 10. 6763 * CAT VRAM (TABLE CODE, SOURCE, WORK BUFFER 10. 6764 * CAT	6762 * REPEAT 6763 * AF	10.77 DOFS	6760		0100	, , , , , , , , , , , , , , , , , , ,	Total Contract Contract	
6762	6762		4761		uen	5	; ISPI = UPERALION CODE	
O'02 KEPEA1	O'O'O' KEPEA1							
OCT COUNT	O'CAS MAIN LOOP		79/9	KEPEAI				
0.000	0.000	*/01	6/65	MAIN LOOP				
0.755 GET_VRAM (TABLE_CODE, SOURCE, WORK_BUFFER TO 6.766 EX	0.755 GET_VRAM (TABLE_CODE, SOURCE, WORK_BUFFER TO 6.766 EX		0/0					
6766 EX AF	6766 EX AF		6765		(TABLE CODE, SOUR	ICE, MORK BUFFER [1.77.13	
6767 PUSH AF 1 6768 EX AF AF 1 6770 EXX BOP POP AF 6771 PUSH EXX BUFFER 1 6771 EXX BOP DE 6773 POP DE 117, 1 6773 POP 117, 1 6774 LD HY, ILD HY, ILD BELOW BETOW POP POP 11X BETOW BOP POP 11X BOP	6767 PUSH AF F 6768 EX AF AF 6 6769 POP AF 6770 EXX POP AF 6771 PUSH PUSH DE 6771 PUSH PUSH DE 6772 EXX POP DE 17,1 LD		9919		EX .	AF.AF.		
6768 EX AF, AF 1 6770 EXX 6771 EXX 6771 EXX 6773 EXX 6774 LD HY, 1 6775 LD HL, IMORK BUFFER 6775 CALL GET_VRAM 6776 EXCUTE ENCODED OPERATION BELOM 6776 POP POP IX 6779 POP IX 6779 POP IX 6770 POP IX	6768 EX		1919		PUSH	AF		
6769 POP AF 6771 ENX BUFFER 6773 ENX BE 6773 FOP DE 6774 LD 17,1 LD 17	6769 POP AF 6770 EXX 6771 PUSH DE 6772 EXX 6773 POP DE 6774 LD 17,1 6775 LD HL, INDORK BUFFER 6776 CALL GET_VRAM 6777 POP PUSH 6770 POP PUSH 6770		8979		EX	AF AF		
6770 EXX 6771 PUSH DE 6772 EXX 6773 POPP DE 6774 LD HI, HORK BUFFER 6774 LD HI, HORK BUFFER 6775 CALL GET_VRAM 6777 EXCUTE ENCODED OPERATION BELOM 6777 POP DP 6778 POP IX 6779 DE 6770 LD A,B 6770 UNTIL COUNT = 0 6774 LD A,B 6774 LD A,B 6775 EXX 6775 EXX 6775 FED (ALL) 6776 FED (ALL) 6776 FED (ALL) 6777 FED (ALL) 6778 FED (ALL) 6778 FED (ALL) 6779 FED (ALL)	6770 EXX 6771 PUSH DE 6772 EXX 6773 POP DE 6774 LD HI, HORK BUFFER 6775 CALL GET VRAM 6777 CALL GET VRAM 6777 EXECUTE ENCODED OPERATION BELOW 6778 POP IX 6779 POP IX 6779 POP IX 6778 SOURCE : SUCC (SOURCE) 6785 INC SOURCE : SUCC (SOURCE) 6786 6787 COUNT := PRED (COUNT) 6787 COUNT := PRED (COUNT) 6788 DEC 6789 EXX 6790 UNTIL COUNT = 0 6794 LD A,B 6795 EXX 6795 EXX 6796 FND (ALL) 6797 ALL X 6799 RET		6769		9	AE		
6772 EXX EXC DE 6773 DE 6774 DE 6775 DOPP DE 6775 DOP DE 117,1 DOPP DE 117,1 DE 117,	6772 PUSH DE	107A D9	67770		. 3	Ē		
6773 EXX DE COUNT 17,1 17,1 1 1 1 1 1 1 1 1 1	6773 EXX DE COUNT 17,1 17,1 1 1 1 1 1 1 1 1 1	20 07 01	244		Daisu	70		
17.7 1.0 17.1 1.0 17.1 1.0 17.1 1.0 17.1 1.0 17.1 1.0 17.1 1.0 17.1 1.0 17.1 1.0 17.1 1.0 17.1 1.0 17.1 1.0	6773 POP DE 117,1 6774 LD 117,1 6775 LD HI, INDORK BUFFER! 6776 6775 CALL GET_VRAM 6777 EXECUTE ENCODED OPERATION BELOM 6777 POP 11X 6778 PUSH 11X 6778 POP PUSH 11X 6778 SOURCE : SUCC (SOURCE) 6778 SOURCE : SUCC (SOURCE) 6778 COUNT := PRED (COUNT) 6778 COUNT := PRED (COUNT) 6779 LD A,B 6774 LD A,B 6775 EXX 6775 FX POP 1X 6777 FX POP 1X 6777 FX POP 1X 6777 FX POP 1X 6777 FX POP 1X	1074 00			1031	N.		
17.1 10.0 17.1 10.0 17.1 10.0 10.1 17.1 10.0 10.1 17.1 10.0 10.1 17.1 10.0 10.1 17.1 10.0 17.2 10.0 17.2 10.0 17.2 17.3	17.1 17.1		7110		EAA	;		
17 100 17 100 17 100 17 100 17 100 17 100 17 100 17 100 17 100 17 100 17 100 17 100 17 100 17 100 17 100 17 100 10	17 100 17 100 17 100 17 100 17 100 17 100 17 100 17 100 17 100 17 100 17 100 17 100 17 100 17 100 17 100 17 100 17 100 10 1				2	DE		
10	10				2	1.7.1		
3 6776 CALL GET_VRAM_ 6777 EXECUTE ENCODED OPERATION BELOW 1X 6779 POP 1X 6780 PUSH 1X 6781 JP 11X1 6783 SOURCE : SUCC (SOURCE) 6785 SOURCE : SUCC (SOURCE) 6785 COUNT := PRED (COUNT) 6787 COUNT := PRED (COUNT) 6788 COUNT := PRED (COUNT) 6789 COUNT := PRED (COUNT) 6791 LD	3 6776 CALL GET_VRAM_ 6777 EXECUTE ENCODED OPERATION BELOW 1X 6778 POP IX 6780 PUSH IX 6781 JP IX1 6783 SOURCE : SUCC (SOURCE) 6785 SOURCE : SUCC (SOURCE) 6785 SOURCE : SUCC (SOURCE) 6785 COUNT := PRED (COUNT) 6786 DEC BC 6787 COUNT := PRED (COUNT) 6788 COUNT := PRED (COUNT) 6789 COUNT := PRED (COUNT) 6780 COUNT := PRED (COUNT 7880 COUNT := PRED (COUNT 7880 COUNT 7880 COUNT	1080 2A8006			2	HL, IWORK BUFFER		
6777 6778 EXECUTE ENCODED OPERATION BELOW 6779 POP IX 6770 PUSH IX 6771 JP IX 6773 JP IX 6773 SQURCE: SUCC (SQURCE) 6776 SQURCE: SUCC (SQURCE) 6776 COUNT:= PRED (CQUNT) 6778 DEC 6779	6777 6778 * EXECUTE ENCODED OPERATION BELOW 6779 POP IX 6770 PUSH IX 6771 JP IIXI 6773 POP IX 6773 POP IX 6773 FETURN HERE EQU \$ 6774 COUNT := PRED (COUNT) 6778 COUNT := PRED (COUNT) 6770 UNTIL COUNT = 0 6771 LD A,B 6772 EXX 6773 EXX 6774 JR NZ,MAIN LOOP 6775 EXX 6775 EXX 6775 EXX 6775 ALL X 6779 RET	TORS COTEAS			CALL	GET VRAM		
6778 * EXECUTE ENCODED OPERATION BELOW 6779	6778 EXECUTE ENCODED OPERATION BELOW 6779 POP IX 6780 PUSH IX 6781 IX 6783 ITIXI 6784 SOURCE : SUCC (SOURCE) 6785 INC 6786 DEC 6786 DEC 6789 DEC 6789 COUNT := PRED (COUNT) 6789 DEC 6789 COUNT I = PRED (COUNT) 6789 DEC 6791 LD A,B 6792 OR C 6793 EXX 6794 JR NZ,MAIN_LOOP 6795 FED (ALL X 6799 RET							
6779 POP IX 6780 PUSH IX 6781 IX 6783 ETURN_HERE EQU \$ 6784 SQURCE : SUCC (SQURCE) 6785 INC 6786 6787 COUNT := PRED (CQUNT) 6789 UNTIL CQUNT = 0 6790 UNTIL CQUNT = 0 6791 LD A,B 6792 OR C 6793 EXX 6794 JR NZ, MAIN_LOOP 6795 END (ALL) 6796 • END (ALL) 6798 FETT	6779 POP IX 6780 PUSH IX 6781 JP IIXI 6783 6783 6784 SOURCE : SUCC (SOURCE) 6785 INC 6786 6787 COUMT := PRED (COUMT) 6789 UNTIL COUMT = 0 6779 LD A,B 6779 LD A,B 6779 EXX 6779 EXX 6779 REI 6779 REI 6779 FOP REI				CODED OPERATION	BELOW		
6780 PUSH IX 6781 JP IIXI 6783 SOURCE : SUCC (SOURCE) 6785 INC DE 6785 OCUMI := PRED (COUM!) 6780 UNTIL COUNT = 0 6791 LD A,B 6792 CX 6793 EXX 6794 JR NZ,MAIN_LOOP 6795 END (ALL) 6796 FRI X	6780 PUSH IX 6781 SOURCE : SUCC (SOURCE) 6785 SOURCE : SUCC (SOURCE) 6785 INC DE 6786 6786 DEC BEC 6789 OF UNTIL COUNT := PRED (COUNT) 6789 OR C 6790 UNTIL COUNT = 0 6791 LD A,B 6792 CRX NZ, MAIN_LOOP 6794 LL X 6795 REI ROPP IX	1086 DOF1	01.19		000	- ×		
108C> 6702 RETURN HERE FOUN 1 1 1 1 1 1 1 1 1	108C> 6702 RETURN HERE EQU S 11X] 11X	TORR DOCK	7.00					
108C> 6702 RETURN_HERE	108C> 6702 RETURN_HERE	200	200		neo.	4		
108C> 6782 RETURN_HERE	108C> 6782 RETURN_HERE	WEY			4	[x]		
6783 6785 6785 6786 6787 6788 6789 6790 6790 6791 6792 6793 6794 6793 6794 6795 6795 6795 6796 6796 6797 6798 6799 6799 6799 6799	6783 6785 6785 6786 6787 6788 6788 6789 6790 6791 6793 6793 6794 6795 6795 6795 6795 6799 6799 6799 6799	1	96 7 0	RETURN HERE	203	•		
6784 * SOURCE : SUCC (SOURCE) 6785	6784 * SOURCE : SUCC (SOURCE) 6785 6786 6789 6789 67791 67792 67792 67793 67794 67794 67795 67795 67795 67797 6779		6783					
6785 INC DE 6786 6787 * COUNT := PRED (COUNT) 6789 0 * UNTIL COUNT = 0 6791 LD A,B 6792 08 C 6793 EXX 6794 JR NZ, MAIN_LOOP 6795 * END (ALL) 6798 0909 IX 6799 6800	6785 INC DE 6786 COUNT := PRED (COUNT) 6788 DEC 6789 UNTIL COUNT = 0 6791 LD A, B 6792 OR C 6793 EXX 6794 JR NZ, MAIN_LOOP 6795 ALL X 6799 RET			SOURCE :	JCC (SOURCE)			
6786 6786 6786 6786 6789 6789 6790 • UNTIL COUNT = 0 6791 6792 6793 6794 6795 6795 6795 6795 6796 6796 6797 6797	6786 6786 6786 6786 6789 6789 6790 • UNTIL COUNT = 0 6791 6792 6792 6793 6794 6795 6795 6795 6797 6798 6798 6799 6799 REI	108C 13	6785		- NC	DE		
6783 * COUNT := PRED (COUNT) 6784 DEC 6789 6780 * UNTIL COUNT = 0 6791 LD A,B 6792 OR C 6793 EXX 6794 JR NZ,MAIN_LOOP 6795 * END (ALL) 6797 ALL X 6798 POP IX 6800	6783 COUNT := PRED (COUNT) 6789 6789 6790 UNTIL COUNT = 0 6791 6793 EXX 6794 6795 6795 6795 6796 END (ALL) 6799 6799 6799 6799 711 X POPP 6799 6899 711 X POPP 6899		AZMA					
6786 DEC BE 6789 UNTIL COUNT = 0 6789 0. UNTIL COUNT = 0 6789 0.00	6786 DEC COMI := PRED (COMI) 6786 DEC BC 6786 UNTIL COUNT = 0 6791 LD A, B 6792 OR C 6793 EXX 6794 JR NZ, MAIN_LOOP 6796 END (ALL) 6797 ALL X 6799 RE1 6800							
6789 • UNTIL COUNT = 0 6790 • UNTIL COUNT = 0 6791	6789 • UNTIL COUNT = 0 6789 • UNTIL COUNT = 0 6792 OR C 6793 EXX 6794 JR NZ, MAIN_LOOP 6795 • END (ALL) 6797 ALL X POP IX 6799 REI	100			KED (LUDAL)	1		
6790 • UNTIL COUNT = 0 6791 LD A,B 6792 OR C 6793 EXX 6794 JR NZ,MAIN_LOOP 6795 • END (ALL) 6796 • END (ALL) 6798 POP IX 6800	6790 • UNTIL COUNT = 0 6791 LD A,B 6792 OR C 6793 EXX 6794 JR NZ,MAIN_LOOP 6795 • END (ALL.) 6796 • END (ALL.) 6799 REI 6800	25 000	00/0		DEC	38		
6790 • UNTIL COLNIT = 0 6791	6790 • UNTIL COLNIT = 0 6791							
6791 LD A,B 6792 OR C 6793 EXX NZ,MAIN_LOOP 6795 END (ALL) 6796 * END (ALL) 6798 POP IX 6799 RE1 6800	6791 LD A,B 6792 OR C 6793 EXX 6794 JR NZ,MAIN_LOOP 6795 ALL X 6799 RE1 6800			UNTIL COUNT	0 =			
6792 OR C 6793 EXX 6794 JR NZ, MAIN_LOOP 6795 END (ALL) 6798 POP IX 6799 REI	6792 OR C 6793 EXX 6794 JR NZ, MAIN_LOOP 6795 ALL X 6799 RE1 6800		6791		97	A, B		
6793 EXX 6794 JR NZ,MAIN_LOOP 6795 END (ALL) 6796 POP IX 6799 REI 6800	6793 EXX 6794 JR NZ, MAIN_LOOP 6795 6795 * END (ALL) 6797 ALL X 6799 REI 6800		6792		80	U		
6794 JR NZ, MAIN_LOOP 6795 • END (ALL) 6797 ALL X 6798 POP IX 6800	6794 JR NZ, MAIN_LOOP 6795 • END (ALL) 6798 • END (ALL) 6799 • END (ALL) 6690		16793		FXX			
6795 6796 • END (ALL) 6798 6798 6799 RE1 6800	6795 6796 • END (ALL) 6797 ALL X POP IX 6799 RE1		7619			N7 MAIN LOCK		
6796 * END (ALL) 6797 ALL X 6799 6799 RE1 6800	6796 • END (ALL) 6797 ALL X POP IX 6799 RE1 6800		4705			-		
6797 ALL X POP 1X 6798 6799 RE1 6800	6798 RE1 RE1 6800		7077	Control Control				
6798 POP IX 6799 REI 6800	6799 REI POP IX 6799 REI PABO	1001	0770	CALL (ALL)				
6798 POP IX 6799 RE1 6800	6798 POP IX 6799 RE1 6800	CYCI CYCI	14/0	X 11			The second secon	
C9 6799 RE1 6800	C9 6799 RE1	1093 DOE 1	8679		PQP	×	; CLEAR STACK	
6800	6800		6619		RE 1			
			6800					
DOOL RILLI VERI								

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6802 6803 1096 2A8006 6805 1099 010008 6805 1099 010008 6805 1096 E8 6400 1096 E8 64010 1040 CD1F00 68111 10A3 CD1F72 6815 10A9 FE01 6818 10A
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XOS HEWLETT-PACKARD: GRAPHICS PRIM PKG (c) Coleco 1982 CONFIDENTIAL	LOCATION OBJECT CODE LINE SOURCE LINE	6859 GET_VRAM(COLOR_TABLE, SOURCE, WORK BUFFER (071,1) 6860 CALL GET_COLOR 6861			6864		acid	90	X	כשרו		6871 * PUT VRAM(COLOR TABLE, DESTINATION, WORK BUFFER (B. 15) 1)			6874 * END IF	E SE	9/109	6877 * DESTINATION := SUCC (DESTINATION)		6679 INC HL		6881 * END	6882 JR RETURN HERE		7999	9000	GOOG KUI VU	6687 * OPERATIONS SPECIFIC TO THE ROTATE 90 ROUTINE	9099	- 8	6890 * ROTATE (WORK BUFFER [07], WORK BUFFER [815])			PUSH	909	V 00 V	EX	6897 CALL ROTATE
HEVE		•	*												*	END		*			8	•					EQ.	8		- 8	•							
	, <u>=</u>	8859 8860	88	6863	4989	6865	6866	6867	8888	6989	6870	687	6872	6873	4289	6875	6876	1289	6878	28	88	200	889	888	200	200	900	6887	8888	900	888	687	2689	6893	7689	6895	9699	2689
sod:	CODE																																					
FILE: 0S_TPRIME:pos	BJECT	1DCE CD1E89		2A8006	010008	53	=	8	E8	COTFLE			100E CD1E9A						٥	m			1847								,000	248000	010008	5	_	•	•	CD 1F12
	_	<u></u>		1001				1009		1008 C			ш			10E1			10E1 D9	2 2			1DE3 1				2					1015	DEB 0		1DEC D1	10ED 09	DEE EB	IDEF C

PUT_VRAM(COLOR_TABLE, DESTINATION, WORK_BUFFER (0..71,1)
CALL
PUT_COLOR PUT_VRAM (TABLE CODE, DESTINATION, WORK_BUFFER(B...15), 1)
CALL
PUT_IABLE GET_VRAM(COLOR_TABLE, SOURCE, WORK BUFFER [0...7], 1)
CALL
GET_COLOR COLOR_TEST TRUE NZ,END_IF_3_GRAPHICS IF COLOR_TEST THEN
CALL
CP
JR 6891 LD
6492 LD
6493 PUS
6494 POP
6495 ADD
6495 ADD
6496 EX
6497 CAL
6493 PUT VRAM (COLOR
6499 PUT VRAM (COLOR
6499 PUT VRAM (COLOR
6491 EX
64913 END IF
64913 END IF 10F5 CD1E50 10F8 FE01 10FA 2006 10f2 CD1E72 10FC CD 1E89 1DFF CD1E9A

1E02