

RSC-FORTH V1.6? mit Decompiler

VLIST

F8A	DECOMPLIST	F53	ADUMP	EF2	CFIND	EC2	VLI
E8B	DLI	C93	DECOMPILE	C5F	DOCOL.DSP	C28	CONST.DSP
BE9	VAR.DSP	B9F	USERV.DSP	B6D	BRANCH.DSP	AE2	WORD.DSP
AB5	PDOTQ.DSP	A87	N.	A5E	HLESS.DSP	A4C	DOES.ADR
A3B	CLIT.ADR	A2A	PSCODE.ADR	A17	VAR.ADR	A07	USERV.ADR
9F5	CONST.ADR	9E3	PDOTQ.ADR	9D1	PLOOP.ADR	9BF	BRANCH.ADR
9AC	0BRANCH.ADR	998	DOCOL.ADR	986	LIT.ADR	976	LOOP.ADR
943	ENDCASE	91C	ENDOF	8F1	OF	8DC	CASE
8AD	NDIS	888	DIS	866	DISASS	7FE	DISASSEMBLE
7CC	#.DSP	7B4	BIT-ADRESSING.DSP	791	Z.PAGE,Y.DSP	772	INDIRECT.DSP
759	RELATIVE.DSP	73D	ABS.Y.DSP	724	ABS.X.DSP	709	Z.PAGE,X.DSP
6E8	(IND),Y.DSP	6C8	(IND,X).DSP	6AF	IMPLIED.DSP	692	ACCUM.DSP
67A	ZERO-PAGE.DSP	65E	ABSOLUTE.DSP	63F	IMMEDIATE.DSP	60B	DBYTE.DSP
5E7	BYTE.DSP	590	OPCODE.DSP	54F	OFFSET.DSP	53C	DOCOL.FLAG
529	WORD.PTR	518	QUIT.FLAG	506	ADRESS.CTR	4F3	(BLOCK)
4CA	HEX>ASCII	4B6	SEI	4A8	CLI	487	ASCII>HEX
45D	HEX?	440	ZIFFER?	42A	OFF	416	ON
40B	TASK	D846	ADMP	D807	;DUMP	D7CF	FORMAT
D67E	FMTRK	D674	BANKEEXECUTE	D664	BANKEEC!	D657	BANKC@
D64C	BANKC!	D641	EEC!	D61E	CASE:	D5FD	MEMTOP
D5ED	SCDR	D5DF	SCSR	D5D1	SCCR	D5C3	MCR
D5B6	IER	D5A9	IFR	D59C	PG	D590	PF
D584	PE	D578	PD	D56C	PC	D560	PB
D554	PA	D548	NMIVEC	D538	IRQVEC	D528	INTVEC
D518	INTFLG	D4EF	C,CON	D4AC	.S	D49F	MON
D45B	VLIST	D3EC	INDEX	D3A0	LIST	D397	?
D391	.	D38B	.R	D384	D.	D37D	D.R
D375	#S	D36E	#	D368	SIGN	D35F	#>
D358	<#	D351	SPACES	D33E	WHILE	D31A	ELSE
D301	IF	D2E8	REPEAT	D2CF	AGAIN	D2BF	END
D2A9	UNTIL	D291	+LOOP	D279	LOOP	D264	DO
D257	THEN	D23A	ENDIF	D226	BEGIN	D185	FORGET
D149	AUTOSTART	D110	?KERNEL	D0BC	HWORD	D086	H/C
D06E	'	D068	SEEK	D05F	INIT	D056	DWRITE
D04B	DREAD	D041	SELECT	D036	DISK	D023	R/W
D017	B/SCR	D009	B/BUF	CFED	-BCD	CFC9	-->
CF99	LOAD	CF40	MESSAGE	CF0F	>LINE	CEFB	.LINE
CED7	(LINE)	CE94	DUMP	CE69	FLUSH	CE09	BLOCK
CDBF	BUFFER	CD9A	EMPTY-BUFFERS	CD72	UPDATE	CD41	+BUF
CD38	M/MOD	CD2E	*/	CD27	*/MOD	CD1D	MOD
CD15	/	CD0F	/MOD	CD06	*	CD00	M/
CCF9	M*	CCF2	MAX	CCEA	MIN	CCE2	DABS
CCD9	ABS	CCD1	D+-	CCC9	+-	CCC2	S->D
CCB9	COLD	CC4C	ABORT	CC1D	QUIT	CC0B	(
CBF9	DEFINITIONS	CBE1	ASSEMBLER	CBC9	FORTH	CB97	VOCABULARY
CB7D	IMMEDIATE	CB2D	INTERPRET	CB02	?STACK	CAE5	DLITERAL
CAB2	LITERAL	CA94	[COMPILE]	C9F1	CREATE	C9C8	ID.
C98B	ERROR	C977	(ABORT)	C949	-FIND	C8F1	NUMBER
C8E6	(NUMBER)	C894	WORD	C88B	HOLD	C882	BLANKS
C877	ERASE	C86D	FILL	C846		C840	QUERY
C836	EXPECT	C804	."	C7FD	(.)	C7F4	-TRAILING
C7E6	TYPE	C7DD	COUNT	C7C1	DOES>	C7AF	<BUILDS
C795	;CODE	C77D	(;CODE)	C771	DECIMAL	C765	HEX
C753	SMUDGE	C73D]	C72D	[C715	COMPILE
C6F8	?CSP	C6E4	?PAIRS	C6CC	?EXEC	C6B3	?COMP
C69B	?ERROR	C686	!CSP	C670	PFAPTR	C656	NFA
C646	CFA	C63C	LFA	C62A	LATEST	C604	TRAVERSE
C5F7	-DUP	C5EE	SPACE	C5E4	PICK	C5DB	ROT
C5D3	>	C5CD	<	C5C7	U<	C5C0	=

RSC-Forth.txt

C5BA -	C5A8 C,	C595 ,	C587 ALLOT
C575 HERE	C560 ,/	C551 ALLOT/	C53E HERE/
C524 DP/	C51C 2-	C515 1-	C50E 2+
C507 1+	C500 PAD	C4F0 LIMIT	C4DE FIRST
C4D4 C/L	C4C9 KHZ	C4BE MODE	C4B2 CSP
C4A7 STATE	C49A CURRENT	C48B CONTEXT	C47C SCR
C471 BLK	C466 PREV	C45A USE	C44F UABORT
C43B VOC-LINK	C42B HEADERLESS	C419 DP	C40F FENCE
C402 WARNING	C3F3 WIDTH	C3E6 OFFSET	C3D8 ULIMIT
C3CA UFIRST	C3BC B/SIDE	C3AE CYLINDER	C39E DISKNO
C393 HLD	C38B DPL	C383 IN	C37C CLD/WRM
C370 BASE	C367 UR/W	C35E UPAD	C355 UC/L
C34C R0	C345 S0	C33E TIB	C336 BL
C32F 4	C329 3	C323 2	C31D 1
C317 0	C303 USER	C2EC CODE	C2D9 VARIABLE
C2BE CONSTANT	C2A3 ;	C285 :	C26F C!
C268 !	C262 C@	C25B @	C255 TOGGLE
C24A +!	C243 BOUNDS	C238 2DUP	C22F DUP
C227 SWAP	C21E 2DROP	C214 DROP	C20B OVER
C202 DNEGATE	C1F6 NEGATE	C1EB D+	C1E4 +
C1DE 0<	C1D5 NOT	C1CD 0=	C1C6 R
C1C0 R>	C1B9 >R	C1B2 LEAVE	C1A8 ;S
C1A1 RP@	C199 RP!	C191 SP!	C189 SP@
C181 XOR	C179 OR	C172 AND	C16A U/
C163 U*	C15C CMOVE	C145 FINIS	C0F9 SOURCE
C0E6 XOFF	C0D5 XON	C0CD CR	C0C6 ?TERMINAL
C0B8 KEY	C0B0 EMIT	C0A7 ENCLOSE	C09B (FIND)
C090 DIGIT	C084 I	C07E (DO)	C075 (+LOOP)
C069 (LOOP)	C05E 0BRANCH	C052 BRANCH	C047 EXECUTE
C03B CLIT	C032 LIT	OK	

DECOMPLIST

TASK

DFF9 :
DFFB ;S

ADMP

D848 :
D84A CR
D84C 1
D84E >R
D850 2DUP
D852 1+
D854 SWAP
D856 -
D858 -DUP
D85A Branch if zero to D87B
D85E 24 (18 H)
D861 MIN
D863 >R
D865 OVER
D867 R
D869 ;DUMP
D86B SWAP
D86D R>

RSC-Forth.txt

```

D86F +
D871 SWAP
D873 R>
D875 1+
D877 Branch to D84E
D87B R>
D87D Print text: ;
D881 0
D883 D89B Headerless

D89D LDA 0,X D89F JSR D8A5 D8A2 JMP F508 D8A5 PHA D8A6 LSR .A
D8A7 LSR .A D8A8 LSR .A D8A9 LSR .A D8AA JSR D8BE D8AD PLA
D8AE PHA D8AF CLC D8B0 ADC 0352 D8B3 STA 0352 D8B6 BCC D8BB
D8B8 INC 0353 D8BB PLA D8BC AND # F D8BE CLC D8BF ADC #30
D8C1 CMP #3A D8C3 BCC D8C7 D8C5 ADC # 6 D8C7 JMP F5EC D8CA EOR 5220
D8CD EOR 41 D8CF ???
D885 DUP
D887 D891 Headerless

D893 LDA 1,X D895 JSR D8A5 D898 JMP D89D D89B STA B5D8,X D89E BRK
D89F JSR D8A5 D8A2 JMP F508 D8A5 PHA D8A6 LSR .A D8A7 LSR .A
D8A8 LSR .A D8A9 LSR .A D8AA JSR D8BE D8AD PLA D8AE PHA
D8AF CLC D8B0 ADC 0352 D8B3 STA 0352 D8B6 BCC D8BB D8B8 INC 0353
D8BB PLA D8BC AND # F D8BE CLC D8BF ADC #30 D8C1 CMP #3A
D8C3 BCC D8C7 D8C5 ADC # 6 D8C7 JMP F5EC D8CA EOR 5220 D8CD EOR 41
D8CF ???
D889 D891 Headerless

D893 LDA 1,X D895 JSR D8A5 D898 JMP D89D D89B STA B5D8,X D89E BRK
D89F JSR D8A5 D8A2 JMP F508 D8A5 PHA D8A6 LSR .A D8A7 LSR .A
D8A8 LSR .A D8A9 LSR .A D8AA JSR D8BE D8AD PLA D8AE PHA
D8AF CLC D8B0 ADC 0352 D8B3 STA 0352 D8B6 BCC D8BB D8B8 INC 0353
D8BB PLA D8BC AND # F D8BE CLC D8BF ADC #30 D8C1 CMP #3A
D8C3 BCC D8C7 D8C5 ADC # 6 D8C7 JMP F5EC D8CA EOR 5220 D8CD EOR 41
D8CF ???
D88B CR
D88D 2DROP
D88F ;S

```

;DUMP

```

D809 :
D80B Print text: ;
D80F KHZ
D811 @
D813 >R
D815 0
D817 KHZ
D819 !
D81B 2DUP
D81D D89B Headerless

D89D LDA 0,X D89F JSR D8A5 D8A2 JMP F508 D8A5 PHA D8A6 LSR .A
D8A7 LSR .A D8A8 LSR .A D8A9 LSR .A D8AA JSR D8BE D8AD PLA
D8AE PHA D8AF CLC D8B0 ADC 0352 D8B3 STA 0352 D8B6 BCC D8BB
D8B8 INC 0353 D8BB PLA D8BC AND # F D8BE CLC D8BF ADC #30
D8C1 CMP #3A D8C3 BCC D8C7 D8C5 ADC # 6 D8C7 JMP F5EC D8CA EOR 5220
D8CD EOR 41 D8CF ???
D81F D891 Headerless

D893 LDA 1,X D895 JSR D8A5 D898 JMP D89D D89B STA B5D8,X D89E BRK

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RSC-Forth.txt

```

D89F JSR D8A5      D8A2 JMP F508      D8A5 PHA          D8A6 LSR .A      D8A7 LSR .A
D8A8 LSR .A        D8A9 LSR .A          D8AA JSR D8BE     D8AD PLA          D8AE PHA
D8AF CLC           D8B0 ADC 0352      D8B3 STA 0352     D8B6 BCC D8BB     D8B8 INC 0353
D8BB PLA          D8BC AND # F        D8BE CLC          D8BF ADC #30      D8C1 CMP #3A
D8C3 BCC D8C7     D8C5 ADC # 6        D8C7 JMP F5EC     D8CA EOR 5220     D8CD EOR 41
D8CF ???
D821 BOUNDS
D823 (DO)
D825 R
D827 C@
D829 D89B Headerless

D89D LDA 0,X       D89F JSR D8A5      D8A2 JMP F508     D8A5 PHA          D8A6 LSR .A
D8A7 LSR .A        D8A8 LSR .A          D8A9 LSR .A       D8AA JSR D8BE     D8AD PLA
D8AE PHA           D8AF CLC             D8B0 ADC 0352     D8B3 STA 0352     D8B6 BCC D8BB
D8B8 INC 0353      D8BB PLA            D8BC AND # F      D8BE CLC          D8BF ADC #30
D8C1 CMP #3A       D8C3 BCC D8C7      D8C5 ADC # 6      D8C7 JMP F5EC     D8CA EOR 5220
D8CD EOR 41        D8CF ???
D82B Loop to D825
D82F KHZ
D831 @
D833 D891 Headerless

D893 LDA 1,X       D895 JSR D8A5      D898 JMP D89D     D89B STA B5D8,X   D89E BRK
D89F JSR D8A5      D8A2 JMP F508      D8A5 PHA          D8A6 LSR .A       D8A7 LSR .A
D8A8 LSR .A        D8A9 LSR .A          D8AA JSR D8BE     D8AD PLA          D8AE PHA
D8AF CLC           D8B0 ADC 0352      D8B3 STA 0352     D8B6 BCC D8BB     D8B8 INC 0353
D8BB PLA          D8BC AND # F        D8BE CLC          D8BF ADC #30      D8C1 CMP #3A
D8C3 BCC D8C7     D8C5 ADC # 6        D8C7 JMP F5EC     D8CA EOR 5220     D8CD EOR 41
D8CF ???
D835 CR
D837 R>
D839 KHZ
D83B !
D83D ;S

```

FORMAT

```

D7D1 :
D7D3 2
D7D5 *
D7D7 SWAP
D7D9 0
D7DB (DO)
D7DD DUP
D7DF 1+
D7E1 SELECT
D7E3 R
D7E5 SEEK
D7E7 1
D7E9 R
D7EB FMTRK
D7ED DUP
D7EF SELECT
D7F1 0
D7F3 R
D7F5 FMTRK
D7F7 Loop to D7DD
D7FB DROP
D7FD ;S

```

FMTRK <primitive>

D682 TXA	D683 PHA	D684 LDA # 2	D686 JSR F460	D689 LDA #F4
D68B LDY # 1	D68D STA 710C	D690 LDX #31	D692 LDA #4E	D694 BIT 7112
D697 BVS D694	D699 STA 710F	D69C DEX	D69D BNE D694	D69F BIT 7112
D6A2 BVS D69F	D6A4 STA 710F	D6A7 LDX # B	D6A9 LDA # 0	D6AB BIT 7112
D6AE BVS D6AB	D6B0 STA 710F	D6B3 DEX	D6B4 BNE D6AB	D6B6 BIT 7112
D6B9 BVS D6B6	D6BB STA 710F	D6BE LDX # 2	D6C0 LDA #F5	D6C2 BIT 7112
D6C5 BVS D6C2	D6C7 STA 710F	D6CA DEX	D6CB BNE D6C2	D6CD BIT 7112
D6D0 BVS D6CD	D6D2 STA 710F	D6D5 LDA #FE	D6D7 BIT 7112	D6DA BVS D6D7
D6DC STA 710F	D6DF LDA 51	D6E1 BIT 7112	D6E4 BVS D6E1	D6E6 STA 710F
D6E9 LDA 53	D6EB BIT 7112	D6EE BVS D6EB	D6F0 STA 710F	D6F3 BIT 7112
D6F6 BVS D6F3	D6F8 STY 710F	D6FB LDA # 1	D6FD BIT 7112	D700 BVS D6FD
D702 STA 710F	D705 LDA #F7	D707 BIT 7112	D70A BVS D707	D70C STA 710F
D70F LDX #15	D711 LDA #4E	D713 BIT 7112	D716 BVS D713	D718 STA 710F
D71B DEX	D71C BNE D713	D71E BIT 7112	D721 BVS D71E	D723 STA 710F
D726 LDX # B	D728 LDA # 0	D72A BIT 7112	D72D BVS D72A	D72F STA 710F
D732 DEX	D733 BNE D72A	D735 BIT 7112	D738 BVS D735	D73A STA 710F
D73D LDX # 2	D73F LDA #F5	D741 BIT 7112	D744 BVS D741	D746 STA 710F
D749 DEX	D74A BNE D741	D74C BIT 7112	D74F BVS D74C	D751 STA 710F
D754 LDX #FF	D756 LDA #FB	D758 BIT 7112	D75B BVS D758	D75D STA 710F
D760 LDA #20	D762 BIT 7112	D765 BVS D762	D767 STA 710F	D76A DEX
D76B BNE D762	D76D BIT 7112	D770 BVS D76D	D772 STA 710F	D775 LDA #F7
D777 BIT 7112	D77A BVS D777	D77C STA 710F	D77F LDX #35	D781 LDA #4E
D783 BIT 7112	D786 BVS D783	D788 STA 710F	D78B DEX	D78C BNE D783
D78E BIT 7112	D791 BVS D78E	D793 STA 710F	D796 INY	D797 CPY #11
D799 BEQ D7B2	D79B BIT 7112	D79E BVS D79B	D7A0 STX 710F	D7A3 LDX # 9
D7A5 LDA # 0	D7A7 BIT 7112	D7AA BVS D7A7	D7AC STA 710F	D7AF JMP D6AB
D7B2 LDY #4E	D7B4 BIT 7112	D7B7 BVS D7B4	D7B9 BPL D7C1	D7BB STY 710F
D7BE JMP D7B4	D7C1 PLA	D7C2 TAX	D7C3 JMP F506	D7C6 STX 46
D7C8 BR4 52,4D	D7CB EOR (D4,X)	D7CD ROR D6,X	D7CF ???	

BANKEEXECUTE

```

FF5A :
FF5C FF2E Headerless

FF30 LDA 1    FF32 PHA    FF33 LDA 0,X    FF35 STA 1    FF37 JMP F508
FF3A ???
FF5E EXECUTE
FF60 FF3A Headerless

FF3C PLA      FF3D STA 1    FF3F JMP F719    FF42 ???
FF62 ;C

```

BANKEEC!

```

FF52 :
FF54 FF2E Headerless

FF30 LDA 1    FF32 PHA    FF33 LDA 0,X    FF35 STA 1    FF37 JMP F508
FF3A ???
FF56 EEC!
FF58 FF3A Headerless

FF3C PLA      FF3D STA 1    FF3F JMP F719    FF42 ???
FF5A ;C

```

RSC-Forth.txt

BANKC@

```

FF4A :
FF4C FF2E Headerless

  FF30 LDA 1      FF32 PHA      FF33 LDA 0,X  FF35 STA 1      FF37 JMP F508
  FF3A ???
FF4E C@
FF50 FF3A Headerless

  FF3C PLA      FF3D STA 1      FF3F JMP F719  FF42 ???
FF52 ;C

```

BANKC!

```

FF42 :
FF44 FF2E Headerless

  FF30 LDA 1      FF32 PHA      FF33 LDA 0,X  FF35 STA 1      FF37 JMP F508
  FF3A ???
FF46 C!
FF48 FF3A Headerless

  FF3C PLA      FF3D STA 1      FF3F JMP F719  FF42 ???
FF4A ;C

```

EEC! <primitive>

```

FEF6 LDY # 4      FEF8 LDA 3,X      FEFA ROR .A      FEFB ROR 2,X      FEFD DEY
FEFE BNE FEFA    FF00 LDY 2,X      FF02 STY 3      FF04 ROR .A      FF05 ROR .A
FF06 PHP        FF07 LSR .A      FF08 PLP        FF09 ROR .A      FF0A SEC
FF0B ROR .A     FF0C STA 2      FF0E LDA #60    FF10 NOP        FF11 NOP
FF12 LDA 4,X    FF14 RM7 2      FF16 STA 3      FF18 LDA 0,X    FF1A STA 1C
FF1C LDA 1,X    FF1E STA 1E     FF20 BR5 11,FD FF23 SM5 2      FF25 LDA #E0
FF27 NOP        FF28 NOP        FF29 INX        FF2A INX        FF2B JMP F506
FF2E BMI FF2F   FF30 LDA 1      FF32 PHA        FF33 LDA 0,X    FF35 STA 1
FF37 JMP F508   FF3A ???

```

CASE:

```

D620 :
D622 <BUILDS
D624 SMUDGE
D626 !CSP
D628 ]
D62A -121 ( FF87 H )
D62E HERE
D630 2-
D632 !
D634 -1595 ( F9C5 H )
D638 C271 Headerless

```

```

F874 LDA 4F      F876 PHA      F877 LDA 4E      F879 PHA      F87A CLC
F87B LDA 4C      F87D ADC # 2   F87F STA 4E      F881 TYA      F882 ADC 4D
F884 STA 4F      F886 JMP F428   F889 LDY # 2     F88B LDA (4C),Y F88D PHA
F88E INY        F88F LDA (4C),Y F891 JMP F421     F894 CLC      F895 LDA 4C

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                                RSC-Forth.txt
F897 ADC # 2      F899 PHA      F89A TYA      F89B ADC 4D      F89D JMP F421
F8A0 LDY # 2      F8A2 CLC      F8A3 LDA (4C),Y  F8A5 ADC 48      F8A7 PHA
F8A8 LDA # 0      F8AA ADC 49    F8AC JMP F421    F8AF ???
D63A      ;C

```

MEMTOP

```

D600 :
D602 DUP
D604 ULIMIT
D606 !
D608 2056 ( 808 H )
D60C -
D60E UFIRST
D610 !
D612 EMPTY-BUFFERS
D614 ;S

```

SCDR

```

D5EF DOES> - word
D5F1 D4FB Headerless

F84B EOR A1F8      F84E BRK      F84F STA 0,X      F851 LDY # 0      F853 STY 1,X
F855 JMP F428      F858 ???
D5F3      ;C

```

SCSR

```

D5E1 DOES> - word
D5E3 D4FB Headerless

F84B EOR A1F8      F84E BRK      F84F STA 0,X      F851 LDY # 0      F853 STY 1,X
F855 JMP F428      F858 ???
D5E5 C416 Headerless

07D0 SM0 FF      07D2 EOR ( 6,X) 07D4 RTS      07D5 ASL 7C      07D7 ASL 94
07D9 ASL B1      07DB ASL CA    07DD ASL EA      07DF ASL B      07E1 RM0 26
07E3 RM0 3F      07E5 RM0 5B    07E7 RM0 74      07E9 RM0 93      07EB RM0 B6
07ED RM0 17      07EF SM7 8B    07F1 ???
D5E7      ;C

```

SCCR

```

D5D3 DOES> - word
D5D5 D4FB Headerless

F84B EOR A1F8      F84E BRK      F84F STA 0,X      F851 LDY # 0      F853 STY 1,X
F855 JMP F428      F858 ???
D5D7 C415 Headerless

D044 ???
D5D9      ;C

```

RSC-Forth.txt

MCR

D5C5 DOES> - word
 D5C7 D4FB Headerless

F84B EOR A1F8 F84E BRK F84F STA 0,X F851 LDY # 0 F853 STY 1,X
 F855 JMP F428 F858 ???
 D5C9 C414 Headerless
 4482 PHA 4483 EOR D8 4485 LSR 4,X 4487 ???
 D5CB ;C

IER

D5B8 DOES> - word
 D5BA D4FB Headerless

F84B EOR A1F8 F84E BRK F84F STA 0,X F851 LDY # 0 F853 STY 1,X
 F855 JMP F428 F858 ???
 D5BC C312 Headerless
 81C2 BS7 FF,FF 81C5 BS7 FF,FF 81C8 BS7 FF,FF 81CB BS7 FF,FF 81CE BS7 FF,FF

IFR

D5AB DOES> - word
 D5AD D4FB Headerless

F84B EOR A1F8 F84E BRK F84F STA 0,X F851 LDY # 0 F853 STY 1,X
 F855 JMP F428 F858 ???
 D5AF C311 Headerless
 C271 ???
 D5B1 ;C

PG

D59E DOES> - word
 D5A0 D4FB Headerless

F84B EOR A1F8 F84E BRK F84F STA 0,X F851 LDY # 0 F853 STY 1,X
 F855 JMP F428 F858 ???
 D5A2 C306 Headerless
 F3F8 BS7 FF,FF F3FB BS7 FF,FF F3FE BS7 FF,80 F401 ???
 D5A4 ;C

PF

D592 DOES> - word
 D594 D4FB Headerless

F84B EOR A1F8 F84E BRK F84F STA 0,X F851 LDY # 0 F853 STY 1,X
 F855 JMP F428 F858 ???

RSC-Forth.txt

D596 C205 Headerless

564F BRK	5650 BS7 FF,FF	5653 BS7 FF,FF	5656 BS7 FF, 0	5659 BRK
565A BRK	565B RTI	565C BRK	565D BRK	565E BRK
565F BRK	5660 BS7 FF,FF	5663 BS7 FF,FF	5666 BS7 FF,10	5669 BRK
566A BRK	566B BRK	566C RTI	566D BRK	566E BRK
566F PHP	5670 INC FF5F,X	5673 BS3 FA,FF	5676 BS7 CF,40	5679 BRK
567A BRK	567B ???			

D598 C750 Headerless

39C5 BRK	39C6 BRK	39C7 BRK	39C8 BS7 FF,FF	39CB BS7 FF,FF
39CE BS7 FF, 0	39D1 BRK	39D2 BRK	39D3 BRK	39D4 BRK
39D5 BRK	39D6 BRK	39D7 BRK	39D8 BS7 FF,FF	39DB BS7 FF,FF
39DE BS7 FF, 0	39E1 BRK	39E2 BRK	39E3 BRK	39E4 BRK
39E5 BRK	39E6 BRK	39E7 BRK	39E8 BS7 FF,FF	39EB BS7 FF,FF
39EE BS7 FF, 0	39F1 BRK	39F2 BRK	39F3 BRK	39F4 BRK
39F5 BRK	39F6 BRK	39F7 BRK	39F8 SBC 99,X	39FA ???

D59A D58B Headerless

50C2 BS7 FF,FF	50C5 BS7 FF,FF	50C8 BCC 50DF	50CA BVC 510D	50CC BVC 50D5
50CE BRK	50CF ???			

D59C D5A0 Headerless

D4FB ???
D59E

PE

D586 DOES> - word
D588 D4FB Headerless

F84B EOR A1F8	F84E BRK	F84F STA 0,X	F851 LDY # 0	F853 STY 1,X
F855 JMP F428	F858 ???			

D58A C204 Headerless

4F84 JMP 5349 4F87 ???
D58C C650 Headerless

4E83 RM1 F7 4E85 ???
D58E D57F Headerless

50C2 BS7 FF,FF	50C5 BS7 FF,FF	50C8 BCC 50DF	50CA BVC 510D	50CC BVC 50D5
50CE BRK	50CF ???			

D590 D594 Headerless

D4FB ???
D592

PD

D57A DOES> - word
D57C D4FB Headerless

F84B EOR A1F8	F84E BRK	F84F STA 0,X	F851 LDY # 0	F853 STY 1,X
F855 JMP F428	F858 ???			

D57E C203 Headerless

84F7 BS7 FF,FF	84FA BS7 FF,FF	84FD BS7 FF,FF	8500 BS7 FF,FF	8503 BS7 FF,FF
----------------	----------------	----------------	----------------	----------------

RSC-Forth.txt

PC

```

D56E DOES> - word
D570 D4FB Headerless

  F84B EOR A1F8   F84E BRK           F84F STA  0,X   F851 LDY # 0   F853 STY  1,X
  F855 JMP F428   F858 ???
D572 C202 Headerless

  F7B7 SEC                F7B8 TYA           F7B9 SBC  2,X   F7BB STA  2,X   F7BD TYA
  F7BE SBC  3,X          F7C0 STA  3,X          F7C2 JMP F7A8   F7C5 SM4 F7    F7C7 LDA  2,X
  F7C9 PHA                F7CA LDA  3,X          F7CC JMP F421   F7CF PHP                F7D0 SBC  6,X
  F7D2 SBC D5,X          F7D4 SM7 B5          F7D6 ???
D574 C450 Headerless

  A0C4 BS7 FF,FF   A0C7 BS7 FF,FF   A0CA BS7 FF,FF   A0CD BS7 FF,FF   A0D0 BS7 FF,FF

```

PB

```

D562 DOES> - word
D564 D4FB Headerless

  F84B EOR A1F8   F84E BRK           F84F STA  0,X   F851 LDY # 0   F853 STY  1,X
  F855 JMP F428   F858 ???
D566 C201 Headerless

  B7C1 BS7 FF,FF   B7C4 BS7 FF,FF   B7C7 BS7 FF,FF   B7CA BS7 FF,FF   B7CD BS7 FF,FF

```

PA

```

D556 DOES> - word
D558 D4FB Headerless

  F84B EOR A1F8   F84E BRK           F84F STA  0,X   F851 LDY # 0   F853 STY  1,X
  F855 JMP F428   F858 ???
D55A C200 Headerless

  C1ED STX 4E      C1EF EOR 47        C1F1 EOR (54,X) C1F3 CMP E6      C1F5 CMP (A7,X)
  C1F7 SM7 87      C1F9 ???
D55C C250 Headerless

  4C47 ???
D55E D54F Headerless

  50C2 BS7 FF,FF   50C5 BS7 FF,FF   50C8 BCC 50DF    50CA BVC 510D    50CC BVC 50D5
  50CE BRK                50CF ???
D560 D564 Headerless

  D4FB ???
D562

```

NMIVEC

RSC-Forth.txt

```

D54A DOES> - word
D54C D4FB Headerless

  F84B EOR A1F8    F84E BRK
  F855 JMP F428    F858 ???
D54E C242 Headerless

  05C2 SED          05C3 SBC F7    05C5 CLI          05C6 ???
D550 C150 Headerless

  F480 STY F4      F482 LDX 59    F484 CLC          F485 LDA (4E),Y   F487 ADC 4E
  F489 PHA          F48A INY          F48B LDA (4E),Y   F48D ADC 4F       F48F STA 4F
  F491 PLA          F492 STA 4E    F494 JMP F428     F497 STA E8F4,Y   F49A INX
  F49B LDA FE,X    F49D ORA FF,X    F49F BEQ F484     F4A1 CLC          F4A2 LDA 4E
  F4A4 ADC # 2     F4A6 STA 4E    F4A8 BCC F4AC     F4AA INC 4F       F4AC JMP F428
  F4AF LDA (F4),Y  F4B1 STX 59     F4B3 TSX          F4B4 INC 1,X      F4B6 BNE F4BA
  F4B8 INC 2,X     F4BA CLC          F4BB LDA 3,X      F4BD SBC 1,X      F4BF LDA 4,X
  F4C1 SBC 2,X     F4C3 BPL F482   F4C5 BVS F482     F4C7 INX          F4C8 INX
  F4C9 INX         F4CA INX         F4CB TXS          F4CC LDX 59       F4CE BVC F4A1
  F4D0 ???
D552 D53F Headerless

  4EC6 STA 3BC4    4EC9 SED          4ECA ???
D554 D558 Headerless

  D4FB ???
D556

```

IRQVEC

```

D53A DOES> - word
D53C D4FB Headerless

  F84B EOR A1F8    F84E BRK
  F855 JMP F428    F858 ???
D53E C65B Headerless

  03F4 BRK          03F5 BRK          03F6 BRK          03F7 BRK          03F8 BS7 FF,FF
  03FB BS7 FF,FF   03FE BS7 FF,F7   0401 BS4 FF,CF   0404 STY 54       0406 EOR (53,X)
  0408 ???
D540 ;C

```

INTVEC

```

D52A DOES> - word
D52C D4FB Headerless

  F84B EOR A1F8    F84E BRK
  F855 JMP F428    F858 ???
D52E C65B Headerless

  03F4 BRK          03F5 BRK          03F6 BRK          03F7 BRK          03F8 BS7 FF,FF
  03FB BS7 FF,FF   03FE BS7 FF,F7   0401 BS4 FF,CF   0404 STY 54       0406 EOR (53,X)
  0408 ???
D530 ;C

```

INTFLG

RSC-Forth.txt

```

D51A DOES> - word
D51C D4FB Headerless

  F84B EOR A1F8   F84E BRK           F84F STA  0,X   F851 LDY # 0   F853 STY  1,X
  F855 JMP F428   F858 ???
D51E C64A Headerless

  F83B AND A1F8,X F83E BRK           F83F PHA           F840 INC  0,X   F842 BNE F846
  F844 INC  1,X   F846 LDA ( 0,X) F848 JMP F423   F84B EOR A1F8   F84E BRK
  F84F STA  0,X   F851 LDY # 0   F853 STY  1,X   F855 JMP F428   F858 ???

D520 ;C

```

C,CON

```

D4F1 :
D4F3 <BUILDS
D4F5 C,
D4F7 IMMEDIATE
D4F9 DOES>
D4FB C@
D4FD STATE
D4FF @
D501 Branch if zero to D50D
D505 -2984 ( F458 H )
D509 ,
D50B C,
D50D ;S

```

.S

```

D4AE :
D4B0 S0
D4B2 @
D4B4 SP@
D4B6 -
D4B8 2
D4BA /
D4BC DUP
D4BE 1
D4C0 >
D4C2 Branch if zero to D4D8
D4C6 1
D4C8 (DO)
D4CA I
D4CC PICK
D4CE CR
D4D0 .
D4D2 Loop to D4CA
D4D6 ;S

```

MON

```

D4A1 :
D4A3 FFCA Headerless

```

RSC-Forth.txt

```

F874 LDA 4F      F876 PHA      F877 LDA 4E      F879 PHA      F87A CLC
F87B LDA 4C      F87D ADC # 2     F87F STA 4E      F881 TYA      F882 ADC 4D
F884 STA 4F      F886 JMP F428     F889 LDY # 2     F88B LDA (4C),Y F88D PHA
F88E INY        F88F LDA (4C),Y  F891 JMP F421     F894 CLC      F895 LDA 4C
F897 ADC # 2     F899 PHA      F89A TYA      F89B ADC 4D     F89D JMP F421
F8A0 LDY # 2     F8A2 CLC      F8A3 LDA (4C),Y  F8A5 ADC 48     F8A7 PHA
F8A8 LDA # 0     F8AA ADC 49     F8AC JMP F421     F8AF ???
D4A5 ;S

```

VLIST

```

D45D :
D45F BASE
D461 @
D463 HEX
D465 CR
D467 CONTEXT
D469 @
D46B @
D46D D42E Headerless

```

```

F874 LDA 4F      F876 PHA      F877 LDA 4E      F879 PHA      F87A CLC
F87B LDA 4C      F87D ADC # 2     F87F STA 4E      F881 TYA      F882 ADC 4D
F884 STA 4F      F886 JMP F428     F889 LDY # 2     F88B LDA (4C),Y F88D PHA
F88E INY        F88F LDA (4C),Y  F891 JMP F421     F894 CLC      F895 LDA 4C
F897 ADC # 2     F899 PHA      F89A TYA      F89B ADC 4D     F89D JMP F421
F8A0 LDY # 2     F8A2 CLC      F8A3 LDA (4C),Y  F8A5 ADC 48     F8A7 PHA
F8A8 LDA # 0     F8AA ADC 49     F8AC JMP F421     F8AF ???
D46F D41A Headerless

```

```

F874 LDA 4F      F876 PHA      F877 LDA 4E      F879 PHA      F87A CLC
F87B LDA 4C      F87D ADC # 2     F87F STA 4E      F881 TYA      F882 ADC 4D
F884 STA 4F      F886 JMP F428     F889 LDY # 2     F88B LDA (4C),Y F88D PHA
F88E INY        F88F LDA (4C),Y  F891 JMP F421     F894 CLC      F895 LDA 4C
F897 ADC # 2     F899 PHA      F89A TYA      F89B ADC 4D     F89D JMP F421
F8A0 LDY # 2     F8A2 CLC      F8A3 LDA (4C),Y  F8A5 ADC 48     F8A7 PHA
F8A8 LDA # 0     F8AA ADC 49     F8AC JMP F421     F8AF ???
D471 Branch if zero to D491
D475 D42E Headerless

```

```

F874 LDA 4F      F876 PHA      F877 LDA 4E      F879 PHA      F87A CLC
F87B LDA 4C      F87D ADC # 2     F87F STA 4E      F881 TYA      F882 ADC 4D
F884 STA 4F      F886 JMP F428     F889 LDY # 2     F88B LDA (4C),Y F88D PHA
F88E INY        F88F LDA (4C),Y  F891 JMP F421     F894 CLC      F895 LDA 4C
F897 ADC # 2     F899 PHA      F89A TYA      F89B ADC 4D     F89D JMP F421
F8A0 LDY # 2     F8A2 CLC      F8A3 LDA (4C),Y  F8A5 ADC 48     F8A7 PHA
F8A8 LDA # 0     F8AA ADC 49     F8AC JMP F421     F8AF ???
D477 D41A Headerless

```

```

F874 LDA 4F      F876 PHA      F877 LDA 4E      F879 PHA      F87A CLC
F87B LDA 4C      F87D ADC # 2     F87F STA 4E      F881 TYA      F882 ADC 4D
F884 STA 4F      F886 JMP F428     F889 LDY # 2     F88B LDA (4C),Y F88D PHA
F88E INY        F88F LDA (4C),Y  F891 JMP F421     F894 CLC      F895 LDA 4C
F897 ADC # 2     F899 PHA      F89A TYA      F89B ADC 4D     F89D JMP F421
F8A0 LDY # 2     F8A2 CLC      F8A3 LDA (4C),Y  F8A5 ADC 48     F8A7 PHA
F8A8 LDA # 0     F8AA ADC 49     F8AC JMP F421     F8AF ???
D479 Branch if zero to D491
D47D D42E Headerless

```

```

F874 LDA 4F      F876 PHA      F877 LDA 4E      F879 PHA      F87A CLC
F87B LDA 4C      F87D ADC # 2     F87F STA 4E      F881 TYA      F882 ADC 4D

```

RSC-Forth.txt

```

F884 STA 4F      F886 JMP F428      F889 LDY # 2      F88B LDA (4C),Y      F88D PHA
F88E INY        F88F LDA (4C),Y      F891 JMP F421      F894 CLC           F895 LDA 4C
F897 ADC # 2    F899 PHA           F89A TYA           F89B ADC 4D        F89D JMP F421
F8A0 LDY # 2    F8A2 CLC           F8A3 LDA (4C),Y    F8A5 ADC 48        F8A7 PHA
F8A8 LDA # 0    F8AA ADC 49        F8AC JMP F421      F8AF ???
D47F D41A Headerless

```

```

F874 LDA 4F      F876 PHA           F877 LDA 4E        F879 PHA           F87A CLC
F87B LDA 4C      F87D ADC # 2       F87F STA 4E        F881 TYA           F882 ADC 4D
F884 STA 4F      F886 JMP F428      F889 LDY # 2       F88B LDA (4C),Y    F88D PHA
F88E INY        F88F LDA (4C),Y    F891 JMP F421      F894 CLC           F895 LDA 4C
F897 ADC # 2    F899 PHA           F89A TYA           F89B ADC 4D        F89D JMP F421
F8A0 LDY # 2    F8A2 CLC           F8A3 LDA (4C),Y    F8A5 ADC 48        F8A7 PHA
F8A8 LDA # 0    F8AA ADC 49        F8AC JMP F421      F8AF ???
D481 Branch if zero to D491
D485 D42E Headerless

```

```

F874 LDA 4F      F876 PHA           F877 LDA 4E        F879 PHA           F87A CLC
F87B LDA 4C      F87D ADC # 2       F87F STA 4E        F881 TYA           F882 ADC 4D
F884 STA 4F      F886 JMP F428      F889 LDY # 2       F88B LDA (4C),Y    F88D PHA
F88E INY        F88F LDA (4C),Y    F891 JMP F421      F894 CLC           F895 LDA 4C
F897 ADC # 2    F899 PHA           F89A TYA           F89B ADC 4D        F89D JMP F421
F8A0 LDY # 2    F8A2 CLC           F8A3 LDA (4C),Y    F8A5 ADC 48        F8A7 PHA
F8A8 LDA # 0    F8AA ADC 49        F8AC JMP F421      F8AF ???
D487 CR
D489 D41A Headerless

```

```

F874 LDA 4F      F876 PHA           F877 LDA 4E        F879 PHA           F87A CLC
F87B LDA 4C      F87D ADC # 2       F87F STA 4E        F881 TYA           F882 ADC 4D
F884 STA 4F      F886 JMP F428      F889 LDY # 2       F88B LDA (4C),Y    F88D PHA
F88E INY        F88F LDA (4C),Y    F891 JMP F421      F894 CLC           F895 LDA 4C
F897 ADC # 2    F899 PHA           F89A TYA           F89B ADC 4D        F89D JMP F421
F8A0 LDY # 2    F8A2 CLC           F8A3 LDA (4C),Y    F8A5 ADC 48        F8A7 PHA
F8A8 LDA # 0    F8AA ADC 49        F8AC JMP F421      F8AF ???
D48B 0=
D48D Branch if zero to D46D
D491 DROP
D493 BASE
D495 !
D497 ;S

```

INDEX

```

D3EE :
D3F0 CR
D3F2 1+
D3F4 SWAP
D3F6 (DO)
D3F8 CR
D3FA I
D3FC 3
D3FE .R
D400 SPACE
D402 0
D404 I
D406 .LINE
D408 ?TERMINAL
D40A Branch if zero to D410
D40E LEAVE
D410 Loop to D3F8
D414 Print text:

```

D418 ;S

LIST

D3A2 :
D3A4 BASE
D3A6 @
D3A8 SWAP
D3AA DECIMAL
D3AC CR
D3AE DUP
D3B0 SCR
D3B2 !
D3B4 Print text: SCR #
D3BD .
D3BF 16 (10 H)
D3C2 0
D3C4 (DO)
D3C6 CR
D3C8 I
D3CA 3
D3CC .R
D3CE SPACE
D3D0 I
D3D2 SCR
D3D4 @
D3D6 .LINE
D3D8 Loop to D3C6
D3DC BASE
D3DE !
D3E0 CR
D3E2 ;S

?

FEEC :
FEEE @
FEF0 .
FEF2 ;S

.

FEE4 :
FEE6 S->D
FEE8 D.
FEEA ;S

.R

FED8 :
FEDA >R
FEDC S->D
FEDE R>
FEE0 D.R

FEE2 ;S

D.

FECE :
 FED0 0
 FED2 D.R
 FED4 SPACE
 FED6 ;S

D.R

FEB0 :
 FEB2 >R
 FEB4 SWAP
 FEB6 OVER
 FEB8 DABS
 FEBA <#
 FEBC #S
 FEBE SIGN
 FEC0 #>
 FEC2 R>
 FEC4 OVER
 FEC6 -
 FEC8 SPACES
 FECA TYPE
 FECC ;S

#S

FEA0 :
 FEA2 #
 FEA4 2DUP
 FEA6 OR
 FEA8 0=
 FEAA Branch if zero to FEA2
 FEAE ;S

#

FE7D :
 FE7F BASE
 FE81 @
 FE83 M/MOD
 FE85 ROT
 FE87 9 (9 H)
 FE8A OVER
 FE8C <
 FE8E Branch if zero to FE97
 FE92 7 (7 H)
 FE95 +
 FE97 48 (30 H)
 FE9A +
 FE9C HOLD
 FE9E ;S

RSC-Forth.txt

SIGN

```
FE6C :  
FE6E ROT  
FE70 0<  
FE72 Branch if zero to FE7B  
FE76 45 ( 2D H )  
FE79 HOLD  
FE7B ;S
```

#>

```
FE5C :  
FE5E 2DROP  
FE60 HLD  
FE62 @  
FE64 PAD  
FE66 OVER  
FE68 -  
FE6A ;S
```

<#

```
FE52 :  
FE54 PAD  
FE56 HLD  
FE58 !  
FE5A ;S
```

SPACES

```
FE3A :  
FE3C 0  
FE3E MAX  
FE40 -DUP  
FE42 Branch if zero to FE50  
FE46 0  
FE48 (DO)  
FE4A SPACE  
FE4C Loop to FE4A  
FE50 ;S
```

WHILE

```
D340 :  
D342 IF  
D344 2+  
D346 ;S
```

ELSE

RSC-Forth.txt

```
D31C :  
D31E 2  
D320 ?PAIRS  
D322 COMPILE  
D324 Branch to 989D  
D328 0  
D32A ,  
D32C SWAP  
D32E 2  
D330 ENDIF  
D332 2  
D334 ;S
```

IF

```
D303 :  
D305 COMPILE  
D307 Branch if zero to 9880  
D30B 0  
D30D ,  
D30F 2  
D311 ;S
```

REPEAT

```
D2EA :  
D2EC >R  
D2EE >R  
D2F0 AGAIN  
D2F2 R>  
D2F4 R>  
D2F6 2-  
D2F8 ENDIF  
D2FA ;S
```

AGAIN

```
D2D1 :  
D2D3 1  
D2D5 ?PAIRS  
D2D7 COMPILE  
D2D9 Branch to A4EF  
D2DD ;S
```

END

```
D2C1 :  
D2C3 UNTIL  
D2C5 ;S
```

UNTIL

RSC-Forth.txt

```

D2AB :
D2AD 1
D2AF ?PAIRS
D2B1 COMPILE
D2B3 Branch if zero to A4C9
D2B7 ;S

```

```
+LOOP
```

```

D293 :
D295 3
D297 ?PAIRS
D299 COMPILE
D29B (+LOOP)
D29D D214 Headerless

```

```

F874 LDA 4F      F876 PHA      F877 LDA 4E      F879 PHA      F87A CLC
F87B LDA 4C      F87D ADC # 2     F87F STA 4E      F881 TYA      F882 ADC 4D
F884 STA 4F      F886 JMP F428     F889 LDY # 2     F88B LDA (4C),Y F88D PHA
F88E INY        F88F LDA (4C),Y  F891 JMP F421     F894 CLC      F895 LDA 4C
F897 ADC # 2     F899 PHA        F89A TYA        F89B ADC 4D    F89D JMP F421
F8A0 LDY # 2     F8A2 CLC        F8A3 LDA (4C),Y  F8A5 ADC 48    F8A7 PHA
F8A8 LDA # 0     F8AA ADC 49     F8AC JMP F421    F8AF ???
D29F ;S

```

```
LOOP
```

```

D27B :
D27D 3
D27F ?PAIRS
D281 COMPILE
D283 Loop to A499
D287 ;S

```

```
DO
```

```

D266 :
D268 COMPILE
D26A (DO)
D26C HERE
D26E 3
D270 ;S

```

```
THEN
```

```

D259 :
D25B ENDIF
D25D ;S

```

```
ENDIF
```

```

D23C :
D23E ?COMP

```

RSC-Forth.txt

```

D240 2
D242 ?PAIRS
D244 HERE
D246 OVER
D248 -
D24A SWAP
D24C !
D24E ;S

```

BEGIN

```

D228 :
D22A ?COMP
D22C HERE
D22E 1
D230 ;S

```

FORGET

```

D187 :
D189 ;
D18B NFA
D18D DUP
D18F D1FE Headerless

```

```

F874 LDA 4F      F876 PHA      F877 LDA 4E      F879 PHA      F87A CLC
F87B LDA 4C      F87D ADC # 2     F87F STA 4E      F881 TYA      F882 ADC 4D
F884 STA 4F      F886 JMP F428     F889 LDY # 2     F88B LDA (4C),Y F88D PHA
F88E INY         F88F LDA (4C),Y  F891 JMP F421     F894 CLC      F895 LDA 4C
F897 ADC # 2     F899 PHA         F89A TYA         F89B ADC 4D    F89D JMP F421
F8A0 LDY # 2     F8A2 CLC         F8A3 LDA (4C),Y  F8A5 ADC 48    F8A7 PHA
F8A8 LDA # 0     F8AA ADC 49      F8AC JMP F421     F8AF ???
D191 SWAP
D193 FENCE
D195 @
D197 U<
D199 OR
D19B 21 ( 15 H )
D19E ?ERROR
D1A0 >R
D1A2 VOC-LINK
D1A4 @
D1A6 R
D1A8 OVER
D1AA U<
D1AC Branch if zero to D1C0
D1B0 FORTH
D1B2 DEFINITIONS
D1B4 @
D1B6 DUP
D1B8 VOC-LINK
D1BA !
D1BC Branch to D1A6
D1C0 DUP
D1C2 4
D1C4 -
D1C6 PFAPTR
D1C8 LFA
D1CA @

```

RSC-Forth.txt

```

D1CC DUP
D1CE D1FE Headerless

F874 LDA 4F      F876 PHA      F877 LDA 4E      F879 PHA      F87A CLC
F87B LDA 4C      F87D ADC # 2     F87F STA 4E      F881 TYA      F882 ADC 4D
F884 STA 4F      F886 JMP F428    F889 LDY # 2     F88B LDA (4C),Y F88D PHA
F88E INY        F88F LDA (4C),Y  F891 JMP F421    F894 CLC      F895 LDA 4C
F897 ADC # 2     F899 PHA        F89A TYA        F89B ADC 4D    F89D JMP F421
F8A0 LDY # 2     F8A2 CLC        F8A3 LDA (4C),Y F8A5 ADC 48    F8A7 PHA
F8A8 LDA # 0     F8AA ADC 49     F8AC JMP F421    F8AF ???

D1D0 SWAP
D1D2 R
D1D4 U<
D1D6 OR
D1D8 Branch if zero to D1C6
D1DC OVER
D1DE 2-
D1E0 !
D1E2 @
D1E4 -DUP
D1E6 0=
D1E8 Branch if zero to D1C0
D1EC R>
D1EE DUP
D1F0 PFAPTR
D1F2 CFA
D1F4 DP
D1F6 !
D1F8 DP/
D1FA !
D1FC ;S

```

AUTOSTART

```

D14B ;
D14D '
D14F @
D151 DUP
D153 -14262 ( C84A H )
D157 =
D159 Branch if zero to D16C
D15D Print text: NAME ERROR
D16A QUIT
D16C OVER
D16E 2+
D170 !
D172 -23206 ( A55A H )
D176 SWAP
D178 !
D17A ;S

```

?KERNEL

```

D112 ;
D114 '
D116 CFA
D118 -3072 ( F400 H )
D11C U<
D11E Branch if zero to D131

```

```

D122 Print text: OUTSIDE
D12D Branch to D13B
D131 Print text: INSIDE
D13B ;S

```

HWORD

```

D0BE :
D0C0 HEADERLESS
D0C2 @
D0C4 Branch if zero to D104
D0C8 LATEST
D0CA PFAPTR
D0CC CFA
D0CE DUP
D0D0 @
D0D2 OVER
D0D4 2+
D0D6 =
D0D8 Branch if zero to D0E4
D0DC HERE/
D0DE 2+
D0E0 OVER
D0E2 !
D0E4 HERE
D0E6 OVER
D0E8 DUP
D0EA DP
D0EC !
D0EE -
D0F0 HERE/
D0F2 2+
D0F4 HERE/
D0F6 2-
D0F8 !
D0FA HERE/
D0FC SWAP
D0FE DUP
D100 ALLOT/
D102 CMOVE
D104 ;S

```

H/C

```

D088 :
D08A 1
D08C HEADERLESS
D08E !
D090 DUP
D092 DP/
D094 !
D096 CR
D098 Print text: HEADS/
D0A1 .
D0A3 CR
D0A5 Print text: CODES/
D0AE HERE
D0B0 :
D0B2 ;S

```

RSC-Forth.txt

```

D070 :
D072 -FIND
D074 0=
D076 0
D078 ?ERROR
D07A DROP
D07C LITERAL
D07E ;S

```

SEEK <primitive>

```

FE13 LDY 0316   FE16 LDA 0318,Y   FE19 CMP #50     FE1B BCC FE24     FE1D LDA # 3
FE1F JSR FDAA   FE22 LDA # 0     FE24 STA 710D    FE27 LDA 0,X     FE29 STA 710F
FE2C LDY 0316   FE2F STA 0318,Y  FE32 LDA #13     FE34 JSR FDAA     FE37 JMP F508
FE3A ???

```

INIT <primitive>

```

FDF3 LDA 710C   FDF6 LDA #FF     FDF8 LDY # 3     FDFE STA 0318,Y   FDFD DEY
FDFE BPL FDFA   FE00 JMP F428    FE03 NOP         FE04 NOP         FE05 TAY
FE06 LDA # 0    FE08 ROL .A     FE09 ORA FE0D,Y FE0C RTS         FE0D ???

```

DWRITE <primitive>

```

FDC0 JSR FD74   FDC3 JSR FD7F   FDC6 LDA #B0     FDC8 JSR FDB5   FDCB JSR FDD9
FDCE AND #FD    FDD0 BEQ FDD6   FDD2 DEC 54      FDD4 BNE FDC3   FDD6 JMP FD6F
FDD9 BIT 7112   FDDC BVS FDD9   FDDE BPL FDAD    FDE0 LDA (51),Y FDE2 STA 710F
FDE5 INY        FDE6 BNE FDD9   FDE8 INC 52      FDEA DEC 53     FDEC BNE FDD9
FDEE JMP FD90   FDF1 ???

```

DREAD <primitive>

```

FD59 JSR FD74   FD5C JSR FD7F   FD5F LDA #90     FD61 JSR FDB5   FD64 JSR FD93
FD67 AND #BF    FD69 BEQ FD6F   FD6B DEC 54      FD6D BNE FD5C   FD6F INX
FD70 INX        FD71 JMP F84F   FD74 ASL 0,X     FD76 ASL 0,X     FD78 INC 0,X
FD7A LDA # 5    FD7C STA 54     FD7E RTS         FD7F LDA # 4     FD81 STA 53
FD83 LDA 2,X    FD85 STA 51     FD87 LDA 3,X     FD89 STA 52     FD8B LDA 0,X
FD8D STA 710E   FD90 JMP FDA8   FD93 BIT 7112    FD96 BVS FD93   FD98 BPL FDAD
FD9A LDA 710F   FD9D STA (51),Y FD9F INY        FDA0 BNE FD93   FDA2 INC 52
FDA4 DEC 53     FDA6 BNE FD93   FDA8 LDA #D4     FDB4 JSR FDB5   FDAD LDA 710C
FDB0 LSR .A     FDB1 BCS FDAD   FDB3 ROL .A     FDB4 RTS        FDB5 STA 710C
FDB8 LDY # 8    FDBA DEY       FDBB BNE FD8A   FDBD RTS        FDBE CPY #FD
FDC0 JSR FD74   FDC3 JSR FD7F   FDC6 LDA #B0     FDC8 JSR FDB5   FDCB JSR FDD9
FDCE AND #FD    FDD0 BEQ FDD6   FDD2 DEC 54      FDD4 BNE FDC3   FDD6 JMP FD6F
FDD9 BIT 7112   FDDC BVS FDD9   FDE0 BPL FDAD    FDE8 LDA (51),Y FDE2 STA 710F
FDE5 INY        FDE6 BNE FDD9   FDE8 INC 52      FDEA DEC 53     FDEC BNE FDD9
FDEE JMP FD90   FDF1 ???

```

SELECT <primitive>

```

FD45 LDA 0,X    FD47 LSR .A     FD48 STA 0316    FD4B STY 0317    FD4E JSR FE05

```

FD51 STA 7112 FD54 JMP F508 FD57 EOR 20FD,Y FD5A ???

DISK

```

FD08 :
FD0A SWAP
FD0C 796 ( 31C H )
FD10 @
FD12 /MOD
FD14 FF93 Headerless

FF95 LDA #20    FF97 BIT 7112    FF9A BEQ FFA8    FF9C STA 7112    FF9F STY 5D
FFA1 DEC 5D    FFA3 BNE FFA1    FFA5 DEY    FFA6 BNE FFA1    FFA8 JSR FDA8
FFAB JMP FD45    FFAE LDA # 0    FFB0 STA 7112    FFB3 JMP F601    FFB6 ???

FD16 4
FD18 /MOD
FD1A SEEK
FD1C SWAP
FD1E Branch if zero to FD28
FD22 DREAD
FD24 Branch to FD2A
FD28 DWRITE
FD2A -DUP
FD2C Branch if zero to FD41
FD30 Print text: DISK ERROR #
FD3F .
FD41 ;S

```

R/W

```

D025 :
D027 UR/W
D029 @
D02B EXECUTE
D02D ;S

```

B/SCR

D019 Constant, value = 1 (1 H)

B/BUF

D00B Constant, value = 1024 (400 H)

-BCD

```

CFEF :
CFF1 0
CFF3 10 ( A H )
CFF6 U/
CFF8 16 ( 10 H )
CFFB *
CFFD OR

```


CFFF ;S

-->

CFCB :
 CFCD BLK
 CFCF @
 CFD1 0=
 CFD3 22 (16 H)
 CFD6 ?ERROR
 CFD8 0
 CFDA IN
 CFDC !
 CFDE 1
 CFE0 BLK
 CFE2 +!
 CFE4 ;S

LOAD

CF9B :
 CF9D BLK
 CF9F @
 CFA1 >R
 CFA3 IN
 CFA5 @
 CFA7 >R
 CFA9 0
 CFAB IN
 CFAD !
 CFAF BLK
 CFB1 !
 CFB3 INTERPRET
 CFB5 R>
 CFB7 IN
 CFB9 !
 CFBB R>
 CFBD BLK
 CFBF !
 CFC1 ;S

MESSAGE

CF42 :
 CF44 -DUP
 CF46 Branch if zero to CF5C
 CF4A WARNING
 CF4C @
 CF4E Branch if zero to CF5E
 CF52 4
 CF54 OFFSET
 CF56 @
 CF58 -
 CF5A .LINE
 CF5C ;S

RSC-Forth.txt

>LINE

```
CF11 :  
CF13 SCR  
CF15 @  
CF17 (LINE)  
CF19 OVER  
CF1B SWAP  
CF1D BLANKS  
CF1F 0  
CF21 WORD  
CF23 HERE  
CF25 COUNT  
CF27 64 ( 40 H )  
CF2A MIN  
CF2C ROT  
CF2E SWAP  
CF30 CMOVE  
CF32 UPDATE  
CF34 ;S
```

.LINE

```
CEFD :  
CEFF (LINE)  
CF01 -TRAILING  
CF03 TYPE  
CF05 ;S
```

(LINE)

```
CED9 :  
CEDB >R  
CEDD 64 ( 40 H )  
CEE0 1024 ( 400 H )  
CEE4 */MOD  
CEE6 R>  
CEE8 +  
CEEA BLOCK  
CEEC +  
EEEE 64 ( 40 H )  
CEF1 ;S
```

DUMP

```
CE96 :  
CE98 0  
CE9A (DO)  
CE9C CR  
CE9E DUP  
CEA0 0  
CEA2 5 ( 5 H )  
CEA5 D.R  
CEA7 SPACE  
CEA9 16 ( 10 H )  
CEAC SWAP
```

RSC-Forth.txt

```
CEAE OVER
CEB0 0
CEB2 (DO)
CEB4 DUP
CEB6 C@
CEB8 3
CEBA .R
CEBC 1+
CEBE Loop to CEB4
CEC2 SWAP
CEC4 (+LOOP)
CEC6 FFD6 Headerless
```

```
AFFA BS7 FF,FF AFFD BS7 FF,FF B000 BS7 FF,FF B003 BS7 FF,FF B006 BS7 FF,FF
```

FLUSH

```
CE6B :
CE6D LIMIT
CE6F FIRST
CE71 -
CE73 1028 ( 404 H )
CE77 /
CE79 1+
CE7B 0
CE7D (DO)
CE7F 32767 ( 7FFF H )
CE83 BUFFER
CE85 DROP
CE87 Loop to CE7F
CE8B ;S
```

BLOCK

```
CE0B :
CE0D OFFSET
CE0F @
CE11 +
CE13 >R
CE15 PREV
CE17 @
CE19 DUP
CE1B @
CE1D R
CE1F -
CE21 DUP
CE23 +
CE25 Branch if zero to CE59
CE29 +BUF
CE2B 0=
CE2D Branch if zero to CE41
CE31 DROP
CE33 R
CE35 BUFFER
CE37 DUP
CE39 R
CE3B 1
CE3D R/W
```

```

CE3F 2-
CE41 DUP
CE43 @
CE45 R
CE47 -
CE49 DUP
CE4B +
CE4D 0=
CE4F Branch if zero to CE29
CE53 DUP
CE55 PREV
CE57 !
CE59 R>
CE5B DROP
CE5D 2+
CE5F ;S

```

BUFFER

```

CDC1 :
CDC3 USE
CDC5 @
CDC7 DUP
CDC9 >R
CDCB +BUF
CDCD Branch if zero to CDCB
CDD1 USE
CDD3 !
CDD5 R
CDD7 @
CDD9 0<
CDDB Branch if zero to CDF1
CDDF R
CDE1 2+
CDE3 R
CDE5 @
CDE7 32767 ( 7FFF H )
CDEB AND
CDED 0
CDEF R/W
CDF1 R
CDF3 !
CDF5 R
CDF7 PREV
CDF9 !
CDFB R>
CDFD 2+
CDFF ;S

```

EMPTY-BUFFERS

```

CD9C :
CD9E FIRST
CDA0 LIMIT
CDA2 OVER
CDA4 -
CDA6 ERASE
CDA8 FIRST
CDAA DUP

```

```

CDAC USE
CDAE !
CDB0 PREV
CDB2 !
CDB4 ;S

```

UPDATE

```

CD74 :
CD76 PREV
CD78 @
CD7A @
CD7C -32768 ( 8000 H )
CD80 OR
CD82 PREV
CD84 @
CD86 !
CD88 ;S

```

+BUF

```

CD43 :
CD45 1028 ( 404 H )
CD49 +
CD4B LIMIT
CD4D 1028 ( 404 H )
CD51 -
CD53 OVER
CD55 U<
CD57 Branch if zero to CD5F
CD5B DROP
CD5D FIRST
CD5F DUP
CD61 PREV
CD63 @
CD65 -
CD67 ;S

```

M/MOD

```

FCF2 :
FCF4 >R
FCF6 0
FCF8 R
FCFA U/
FCFC R>
FCFE SWAP
FD00 >R
FD02 U/
FD04 R>
FD06 ;S

```

*/

```

FCE8 :

```

```
FCEA */MOD
FCEC SWAP
FCEE DROP
FCF0 ;S
```

*/MOD

```
FCDC :
FCDE >R
FCE0 M*
FCE2 R>
FCE4 M/
FCE6 ;S
```

MOD

```
FCD4 :
FCD6 /MOD
FCD8 DROP
FCDA ;S
```

/

```
FCCA :
FCCC /MOD
FCCE SWAP
FCD0 DROP
FCD2 ;S
```

/MOD

```
FCBE :
FCC0 >R
FCC2 S->D
FCC4 R>
FCC6 M/
FCC8 ;S
```

*

```
FCB6 :
FCB8 U*
FCBA DROP
FCBC ;S
```

M/

```
FC94 :
FC96 OVER
FC98 >R
FC9A >R
```

RSC-Forth.txt

FC9C DABS
FC9E R
FCA0 ABS
FCA2 U/
FCA4 R>
FCA6 R
FCA8 XOR
FCAA +-
FCAC SWAP
FCAE R>
FCB0 +-
FCB2 SWAP
FCB4 ;S

M*

FC7E :
FC80 2DUP
FC82 XOR
FC84 >R
FC86 ABS
FC88 SWAP
FC8A ABS
FC8C U*
FC8E R>
FC90 D+-
FC92 ;S

MAX

FC6E :
FC70 2DUP
FC72 <
FC74 Branch if zero to FC7A
FC78 SWAP
FC7A DROP
FC7C ;S

MIN

FC5E :
FC60 2DUP
FC62 >
FC64 Branch if zero to FC6A
FC68 SWAP
FC6A DROP
FC6C ;S

DABS

FC56 :
FC58 DUP
FC5A D+-
FC5C ;S

RSC-Forth.txt

ABS

FC4E :
 FC50 DUP
 FC52 +-
 FC54 ;S

D+-

FC42 :
 FC44 0<
 FC46 Branch if zero to FC4C
 FC4A DNEGATE
 FC4C ;S

+-

FC36 :
 FC38 0<
 FC3A Branch if zero to FC40
 FC3E NEGATE
 FC40 ;S

S->D

FC2C :
 FC2E DUP
 FC30 0<
 FC32 NEGATE
 FC34 ;S

COLD <primitive>

FB4A STY 030E	FB4D LDX #FF	FB4F TXS	FB50 CLD	FB51 CLC
FB52 LDA # 0	FB54 STA 14	FB56 LDA # 0	FB58 STA 11	FB5A STA 12
FB5C LDA #C0	FB5E STA 15	FB60 LDA #2F	FB62 STA 18	FB64 LDA # 0
FB66 STA 1A	FB68 STA 16	FB6A STA 4A	FB6C LDA #6C	FB6E STA 4B
FB70 LDA #EF	FB72 STA 46	FB74 LDA #F5	FB76 STA 47	FB78 LDA #AE
FB7A STA 44	FB7C LDA #FF	FB7E STA 45	FB80 LDA # 0	FB82 STA 48
FB84 LDA # 3	FB86 STA 49	FB88 LDY # 5	FB8A JSR FBEC	FB8D LDA 030E
FB90 CMP #5A	FB92 BNE FB9B	FB94 LDA 030F	FB97 CMP #A5	FB99 BEQ FBB0
FB9B LDA #4A	FB9D STA 40	FB9F STA 42	FBA1 STA 5B	FBA3 LDA #FB
FBA5 STA 41	FBA7 STA 43	FBA9 STA 5C	FBAB LDY # D	FBAD JSR FBEC
FBB0 LDA #FB	FBB2 STA 4F	FBB4 LDA #F5	FBB6 STA 4E	FBB8 CLI
FBB9 LDX #C2	FBBB LDA # 4	FBBD STA 5E	FBBF LDY # 0	FBC1 STY 5D
FBC3 TYA	FBC4 LDA (5D),Y	FBC6 CMP #5A	FBC8 BNE FBDE	FBCA INY
FBCB LDA (5D),Y	FBCD CMP #A5	FBCF BNE FBDE	FBD1 INY	FBD2 LDA (5D),Y
FBD4 STA 4E	FBD6 INY	FBD7 LDA (5D),Y	FBD9 STA 4F	FBD8 JMP F428
FBDE LDY 5E	FBE0 INY	FBE1 INY	FBE2 INY	FBE3 INY
FBE4 BEQ FBDB	FBE6 STY 5E	FBE8 LDY # 0	FBEA BEQ FBC3	FBEC LDA F400,Y
FBEF STA (48),Y	FBF1 DEY	FBF2 BPL FBEC	FBF4 RTS	FBF5 ???

RSC-Forth.txt

ABORT

```
CC4E :  
CC50 SP!  
CC52 CR  
CC54 Print text: RSC-FORTH V1.6  
CC66 FORTH  
CC68 DEFINITIONS  
CC6A QUIT  
CC6C ;C
```

QUIT

```
CC1F :  
CC21 0  
CC23 BLK  
CC25 !  
CC27 [  
CC29 RP!  
CC2B CR  
CC2D QUERY  
CC2F INTERPRET  
CC31 STATE  
CC33 @  
CC35 0=  
CC37 Branch if zero to CC40  
CC3B Print text: OK  
CC40 Branch to CC29  
CC44 ;C
```

(

```
CC0D :  
CC0F 41 ( 29 H )  
CC12 WORD  
CC14 ;S
```

DEFINITIONS

```
CBFB :  
CBFD CONTEXT  
CBFF @  
CC01 CURRENT  
CC03 !  
CC05 ;S
```

ASSEMBLER

```
CBE3 :  
CBE5 C443 Headerless  
  
F8A0 LDY # 2      F8A2 CLC          F8A3 LDA (4C),Y  F8A5 ADC 48      F8A7 PHA  
F8A8 LDA # 0      F8AA ADC 49      F8AC JMP F421    F8AF ???  
CBE7 Branch to CBCF
```

CBEB ;C

FORTH

CBCB :

CBCD C440 Headerless

F8A0 LDY # 2 F8A2 CLC F8A3 LDA (4C),Y F8A5 ADC 48 F8A7 PHA
 F8A8 LDA # 0 F8AA ADC 49 F8AC JMP F421 F8AF ???

CBCF CONTEXT
 CBD1 !
 CBD3 ;S

VOCABULARY

CB99 :
 CB9B <BUILDS
 CB9D -24447 (A081 H)
 CBA1 ,
 CBA3 CURRENT
 CBA5 @
 CBA7 2-
 CBA9 ,
 CBAB HERE
 CBAD VOC-LINK
 CBAF @
 CBB1 ,
 CBB3 VOC-LINK
 CBB5 !
 CBB7 DOES>
 CBB9 2+
 CBBB CONTEXT
 CBBD !
 CBBF ;S

IMMEDIATE

CB7F :
 CB81 LATEST
 CB83 64 (40 H)
 CB86 TOGGLE
 CB88 ;S

INTERPRET

CB2F :
 CB31 -FIND
 CB33 Branch if zero to CB53
 CB37 STATE
 CB39 @
 CB3B <
 CB3D Branch if zero to CB49
 CB41 CFA
 CB43 ,
 CB45 Branch to CB4D

```

CB49 CFA
CB4B EXECUTE
CB4D ?STACK
CB4F Branch to CB6D
CB53 HERE
CB55 NUMBER
CB57 DPL
CB59 @
CB5B 1+
CB5D Branch if zero to CB67
CB61 DLITERAL
CB63 Branch to CB6B
CB67 DROP
CB69 LITERAL
CB6B ?STACK
CB6D Branch to CB31
CB71 ;C

```

?STACK

```

CB04 :
CB06 SP@
CB08 194 ( C2 H )
CB0B SWAP
CB0D U<
CB0F 1
CB11 ?ERROR
CB13 SP@
CB15 93 ( 5D H )
CB18 U<
CB1A 7 ( 7 H )
CB1D ?ERROR
CB1F ;S

```

DLITERAL

```

CAE7 :
CAE9 STATE
CAEB @
CAED Branch if zero to CAF7
CAF1 SWAP
CAF3 LITERAL
CAF5 LITERAL
CAF7 ;S

```

LITERAL

```

CAB4 :
CAB6 STATE
CAB8 @
CABA Branch if zero to CAD8
CABE DUP
CAC0 -256 ( FF00 H )
CAC4 AND
CAC6 Branch if zero to CAD2
CACA COMPILER
CACC -14953 ( C597 H )

```

CAD0 ;S

[COMPILE]

CA96 :
 CA98 -FIND
 CA9A 0=
 CA9C 0
 CA9E ?ERROR
 CAA0 DROP
 CAA2 CFA
 CAA4 ,
 CAA6 ;S

CREATE

C9F3 :
 C9F5 FIRST
 C9F7 HERE/
 C9F9 36 (24 H)
 C9FC +
 C9FE U<
 CA00 2
 CA02 ?ERROR
 CA04 FIRST
 CA06 HERE
 CA08 160 (A0 H)
 CA0B +
 CA0D U<
 CA0F 2
 CA11 ?ERROR
 CA13 -FIND
 CA15 Branch if zero to CA2F
 CA19 DROP
 CA1B CR
 CA1D NFA
 CA1F ID:
 CA21 Print text: NOT UNIQUE
 CA2F HERE
 CA31 HERE/
 CA33 OVER
 CA35 C@
 CA37 1+
 CA39 CMOVE
 CA3B HERE/
 CA3D DUP
 CA3F C@
 CA41 WIDTH
 CA43 @
 CA45 MIN
 CA47 1+
 CA49 ALLOT/
 CA4B DP
 CA4D C@
 CA4F 253 (FD H)
 CA52 =
 CA54 ALLOT
 CA56 DUP
 CA58 160 (A0 H)

CA5B TOGGLE
 CA5D HERE/
 CA5F 1-
 CA61 128 (80 H)
 CA64 TOGGLE
 CA66 LATEST
 CA68 ,/
 CA6A CURRENT
 CA6C @
 CA6E !
 CA70 HERE
 CA72 2+
 CA74 HEADERLESS
 CA76 @
 CA78 0=
 CA7A Branch if zero to CA80
 CA7E 2+
 CA80 DUP
 CA82 ,/
 CA84 ;
 CA86 ;S

ID.

C9CA :
 C9CC COUNT
 C9CE 1-
 C9D0 31 (1F H)
 C9D3 AND
 C9D5 2DUP
 C9D7 TYPE
 C9D9 +
 C9DB @
 C9DD 127 (7F H)
 C9E0 AND
 C9E2 EMIT
 C9E4 SPACE
 C9E6 ;S

ERROR

C98D :
 C98F WARNING
 C991 @
 C993 0<
 C995 Branch if zero to C99B
 C999 (ABORT)
 C99B HERE
 C99D COUNT
 C99F CR
 C9A1 TYPE
 C9A3 Print text: ?
 C9A9 MESSAGE
 C9AB SP!
 C9AD 2DROP
 C9AF IN
 C9B1 @
 C9B3 BLK
 C9B5 @

```

C9B7 -82 ( FFAE H )
C9BB 68 ( 44 H )
C9BE !
C9C0 QUIT
C9C2 ;C

```

(ABORT)

```

C979 :
C97B UABORT
C97D @
C97F EXECUTE
C981 ;S

```

-FIND

```

C94B :
C94D BL
C94F WORD
C951 HERE
C953 CONTEXT
C955 @
C957 @
C959 (FIND)
C95B DUP
C95D 0=
C95F Branch if zero to C96B
C963 DROP
C965 HERE
C967 LATEST
C969 (FIND)
C96B ;S

```

NUMBER

```

C8F3 :
C8F5 0
C8F7 0
C8F9 ROT
C8FB DUP
C8FD 1+
C8FF C@
C901 45 ( 2D H )
C904 =
C906 DUP
C908 >R
C90A +
C90C -1 ( FFFF H )
C910 DPL
C912 !
C914 (NUMBER)
C916 DUP
C918 C@
C91A BL
C91C -
C91E Branch if zero to C935

```

```

C922 DUP
C924 C@
C926 46 ( 2E H )
C929 -
C92B 0
C92D ?ERROR
C92F 0
C931 Branch to C910
C935 DROP
C937 R>
C939 Branch if zero to C93F
C93D DNEGATE
C93F ;S

```

(NUMBER)

```

FB06 :
FB08 1+
FB0A DUP
FB0C >R
FB0E C@
FB10 BASE
FB12 @
FB14 DIGIT
FB16 Branch if zero to FB44
FB1A SWAP
FB1C BASE
FB1E @
FB20 U*
FB22 DROP
FB24 ROT
FB26 BASE
FB28 @
FB2A U*
FB2C D+
FB2E DPL
FB30 @
FB32 1+
FB34 Branch if zero to FB3E
FB38 1
FB3A DPL
FB3C +!
FB3E R>
FB40 Branch to FB08
FB44 R>
FB46 ;S

```

WORD

```

C896 :
C898 BLK
C89A @
C89C Branch if zero to C8AA
C8A0 BLK
C8A2 @
C8A4 BLOCK
C8A6 Branch to C8AE
C8AA TIB
C8AC @

```

RSC-Forth.txt

C8AE IN
C8B0 @
C8B2 +
C8B4 SWAP
C8B6 ENCLOSE
C8B8 HERE
C8BA 34 (22 H)
C8BD BLANKS
C8BF IN
C8C1 +!
C8C3 OVER
C8C5 -
C8C7 >R
C8C9 R
C8CB HERE
C8CD C!
C8CF +
C8D1 HERE
C8D3 1+
C8D5 R>
C8D7 CMOVE
C8D9 ;S

HOLD

FAF4 :
FAF6 -1 (FFFF H)
FAFA HLD
FAFC +!
FAFE HLD
FB00 @
FB02 C!
FB04 ;S

BLANKS

FAEC :
FAEE BL
FAF0 FILL
FAF2 ;S

ERASE

FAE4 :
FAE6 0
FAE8 FILL
FAEA ;S

FILL

FABE :
FAC0 SWAP
FAC2 DUP
FAC4 1
FAC6 <


```

FAC8 Branch if zero to FAD2
FACC 2DROP
FACE DROP
FAD0 ;S

```

```

C848 :
C84A BLK
C84C @
C84E Branch if zero to C860
C852 1
C854 BLK
C856 +!
C858 0
C85A IN
C85C !
C85E ?EXEC
C860 R>
C862 DROP
C864 ;S

```

QUERY

```

FAAC :
FAAE TIB
FAB0 @
FAB2 C/L
FAB4 EXPECT
FAB6 0
FAB8 IN
FABA !
FABC ;S

```

EXPECT

```

FA45 :
FA47 OVER
FA49 +
FA4B OVER
FA4D 0
FA4F OVER
FA51 !
FA53 KEY
FA55 DUP
FA57 13 ( D H )
FA5A =
FA5C Branch if zero to FA6A
FA60 DROP
FA62 SPACE
FA64 1
FA66 Branch to FAA2
FA6A DUP
FA6C 127 ( 7F H )
FA6F =
FA71 Branch if zero to FA92
FA75 DROP
FA77 3

```

```

FA79 PICK
FA7B OVER
FA7D U<
FA7F NEGATE
FA81 DUP
FA83 NEGATE
FA85 Branch if zero to FA9C
FA89 8 ( 8 H )
FA8C EMIT
FA8E Branch to FA9C
FA92 2DUP
FA94 SWAP
FA96 C!
FA98 EMIT
FA9A 1
FA9C +
FA9E 2DUP
FAA0 =
FAA2 Branch if zero to FA4D
FAA6 2DROP
FAA8 DROP
FAAA ;S

```

."

```

C806 :
C808 34 ( 22 H )
C80B STATE
C80D @
C80F Branch if zero to C823
C813 COMPILE
C815 Print text: ÈWÅKøøø%Å÷-ÈwÅüüüù÷†EXPECÔÿÇGú...QUERÙ-È®úÁ€8ÈJÈtøSÄ;ø-ô³øSÄø
-øßøXøÏÆ?÷Ï÷÷,„FILÏBÈÁú...ERASÁfÈæú†BLANKOøÈíú,,HOLÄyÈöú,,WORÄ,,È~ÈtøSÄ;ø-ô
SÄ;ø Î€øÇø;ø
C8AE IN
C8B0 @
C8B2 +
C8B4 SWAP
C8B6 ENCLOSE
C8B8 HERE
C8BA 34 ( 22 H )
C8BD BLANKS
C8BF IN
C8C1 +!
C8C3 OVER
C8C5 -
C8C7 >R
C8C9 R
C8CB HERE
C8CD C!
C8CF +
C8D1 HERE
C8D3 1+
C8D5 R>
C8D7 CMOVE
C8D9 ;S

```

(. ")

```

FA31 :
FA33 R
FA35 COUNT
FA37 DUP
FA39 1+
FA3B R>
FA3D +
FA3F >R
FA41 TYPE
FA43 ;S

```

-TRAILING

```

FA0B :
FA0D DUP
FA0F 0
FA11 (DO)
FA13 2DUP
FA15 +
FA17 1-
FA19 C@
FA1B BL
FA1D -
FA1F Branch if zero to FA29
FA23 LEAVE
FA25 Branch to FA2B
FA29 1-
FA2B Loop to FA13
FA2F ;S

```

TYPE

```

F9EF :
F9F1 -DUP
F9F3 Branch if zero to FA07
F9F7 BOUNDS
F9F9 (DO)
F9FB R
F9FD C@
F9FF EMIT
FA01 Loop to F9FB
FA05 ;S

```

COUNT

```

F9E3 :
F9E5 DUP
F9E7 1+
F9E9 SWAP
F9EB C@
F9ED ;S

```

DOES>

```

C7C3 :

```

RSC-Forth.txt

```
C7C5 R>
C7C7 LATEST
C7C9 PFAPTR
C7CB @
C7CD !
C7CF -1595 ( F9C5 H )
C7D3 C271 Headerless
```

```
F874 LDA 4F      F876 PHA          F877 LDA 4E      F879 PHA          F87A CLC
F87B LDA 4C      F87D ADC # 2      F87F STA 4E      F881 TYA          F882 ADC 4D
F884 STA 4F      F886 JMP F428      F889 LDY # 2      F88B LDA (4C),Y   F88D PHA
F88E INY         F88F LDA (4C),Y   F891 JMP F421      F894 CLC          F895 LDA 4C
F897 ADC # 2     F899 PHA          F89A TYA          F89B ADC 4D      F89D JMP F421
F8A0 LDY # 2     F8A2 CLC          F8A3 LDA (4C),Y   F8A5 ADC 48      F8A7 PHA
F8A8 LDA # 0     F8AA ADC 49      F8AC JMP F421      F8AF ???
C7D5 ;C
```

<BUILDS

```
C7B1 :
C7B3 0
C7B5 CONSTANT
C7B7 ;S
```

;CODE

```
C797 :
C799 ?CSP
C79B COMPILE
C79D (;CODE)
```

(;CODE)

```
C77F :
C781 R>
C783 LATEST
C785 PFAPTR
C787 CFA
C789 !
C78B ;S
```

DECIMAL

```
F9BC :
F9BE 10 ( A H )
F9C1 Branch to F9B6
F9C5 ;C
```

HEX

```
F9B1 :
F9B3 16 ( 10 H )
F9B6 BASE
```

F9B8 !
F9BA ;S

SMUDGE

C755 :
C757 LATEST
C759 BL
C75B TOGGLE
C75D ;S

]

C73F :
C741 192 (C0 H)
C744 STATE
C746 !
C748 ;S

[

C72F :
C731 0
C733 STATE
C735 !
C737 ;S

COMPILE

C717 :
C719 ?COMP
C71B R>
C71D DUP
C71F 2+
C721 >R
C723 @
C725 ;
C727 ;S

?CSP

C6FA :
C6FC SP@
C6FE CSP
C700 @
C702 -
C704 20 (14 H)
C707 ?ERROR
C709 ;S

?PAIRS

RSC-Forth.txt

C6E6 :
C6E8 -
C6EA 19 (13 H)
C6ED ?ERROR
C6EF ;S

?EXEC

C6CE :
C6D0 STATE
C6D2 @
C6D4 18 (12 H)
C6D7 ?ERROR
C6D9 ;S

?COMP

C6B5 :
C6B7 STATE
C6B9 @
C6BB 0=
C6BD 17 (11 H)
C6C0 ?ERROR
C6C2 ;S

?ERROR

C69D :
C69F SWAP
C6A1 Branch if zero to C6A7
C6A5 ERROR
C6A7 DROP
C6A9 ;S

!CSP

C688 :
C68A SP@
C68C CSP
C68E !
C690 ;S

PFAPTR

C672 :
C674 1
C676 TRAVERSE
C678 3 (3 H)
C67B +
C67D ;S

RSC-Forth.txt

NFA

```
C658 :  
C65A 3 ( 3 H )  
C65D -  
C65F -1 ( FFFF H )  
C663 TRAVERSE  
C665 ;S
```

CFA

```
C648 :  
C64A @  
C64C 2-  
C64E ;S
```

LFA

C63E F922 Headerless

B538 BS7 FF,FF B53B BS7 FF,FF B53E BS7 FF,FF B541 BS7 FF,FF B544 BS7 FF,FF

LATEST

```
C62C :  
C62E CURRENT  
C630 @  
C632 @  
C634 ;S
```

TRAVERSE

```
C606 :  
C608 SWAP  
C60A OVER  
C60C +  
C60E 127 ( 7F H )  
C611 OVER  
C613 C@  
C615 <  
C617 Branch if zero to C60A  
C61B SWAP  
C61D DROP  
C61F ;S
```

-DUP

```
F9A5 :  
F9A7 DUP  
F9A9 Branch if zero to F9AF  
F9AD DUP
```

F9AF ;S

SPACE

F99D :
 F99F BL
 F9A1 EMIT
 F9A3 ;S

PICK

F98F :
 F991 DUP
 F993 +
 F995 SP@
 F997 +
 F999 @
 F99B ;S

ROT <primitive>

F976 LDA 4,X	F978 PHA	F979 LDA 2,X	F97B STA 4,X	F97D LDA 0,X
F97F STA 2,X	F981 LDY 5,X	F983 LDA 3,X	F985 STA 5,X	F987 LDA 1,X
F989 STA 3,X	F98B TYA	F98C JMP F423	F98F ???	

>

F96C :
 F96E SWAP
 F970 <
 F972 ;S

< <primitive>

F956 LDA 2,X	F958 CMP 0,X	F95A LDA 3,X	F95C SBC 1,X	F95E STY 3,X
F960 BVC F964	F962 EOR #80	F964 BPL F967	F966 INY	F967 STY 2,X
F969 JMP F508	F96C ???			

U< <primitive>

F942 SEC	F943 LDA 2,X	F945 SBC 0,X	F947 LDA 3,X	F949 SBC 1,X
F94B TYA	F94C ROL .A	F94D EOR # 1	F94F INX	F950 INX
F951 JMP F84F	F954 LSR F9,X	F956 LDA 2,X	F958 CMP 0,X	F95A LDA 3,X
F95C SBC 1,X	F95E STY 3,X	F960 BVC F964	F962 EOR #80	F964 BPL F967
F966 INY	F967 STY 2,X	F969 JMP F508	F96C ???	

=

F938 :
 F93A -
 F93C 0=
 F93E ;S

-
F930 :
F932 NEGATE
F934 +
F936 ;S

C,

C5AA :
C5AC HERE
C5AE C!
C5B0 1
C5B2 ALLOT
C5B4 ;S

,

C597 :
C599 HERE
C59B !
C59D 2
C59F ALLOT
C5A1 ;S

ALLOT

C589 :
C58B DP
C58D +!
C58F ;S

HERE

C577 :
C579 DP
C57B @
C57D ;S

,/

C562 :
C564 HERE/
C566 !
C568 2
C56A ALLOT/
C56C ;S

ALLOT/

```
C553 :
C555 DP/
C557 +!
C559 ;S
```

HERE/

```
C540 :
C542 DP/
C544 @
C546 ;S
```

DP/

```
C526 :
C528 DP
C52A HEADERLESS
C52C @
C52E Branch if zero to C534
C532 2+
C534 ;S
```

2- <primitive>

```
F922 SEC          F923 LDA 0,X    F925 SBC # 2      F927 STA 0,X      F929 BCS F92D
F92B DEC 1,X      F92D JMP F428   F930 ???
```

1- <primitive>

```
F915 LDA 0,X      F917 BNE F91B   F919 DEC 1,X      F91B DEC 0,X      F91D JMP F428
F920 ???
```

2+ <primitive>

```
F905 CLC          F906 LDA 0,X    F908 ADC # 2      F90A STA 0,X      F90C BCC F910
F90E INC 1,X      F910 JMP F428   F913 ORA F9,X    F915 LDA 0,X      F917 BNE F91B
F919 DEC 1,X      F91B DEC 0,X    F91D JMP F428   F920 ???
```

1+ <primitive>

```
F8FA INC 0,X      F8FC BNE F900   F8FE INC 1,X      F900 JMP F428      F903 ORA F9
F905 CLC          F906 LDA 0,X    F908 ADC # 2      F90A STA 0,X      F90C BCC F910
F90E INC 1,X      F910 JMP F428   F913 ORA F9,X    F915 LDA 0,X      F917 BNE F91B
F919 DEC 1,X      F91B DEC 0,X    F91D JMP F428   F920 ???
```

PAD

```
F8F0 :
F8F2 UPAD
F8F4 @
F8F6 ;S
```

RSC-Forth.txt

LIMIT

C4F2 :
C4F4 ULIMIT
C4F6 @
C4F8 ;S

FIRST

C4E0 :
C4E2 UFIRST
C4E4 @
C4E6 ;S

C/L

F8E8 :
F8EA UC/L
F8EC @
F8EE ;S

KHZ

C4CB User variable, current value = 0 (0 H)

MODE

C4C0 User variable, current value = 2 (2 H)

CSP

C4B4 User variable, current value = 194 (C2 H)

STATE

C4A9 User variable, current value = 0 (0 H)

CURRENT

C49C User variable, current value = 820 (334 H)

CONTEXT

C48D User variable, current value = 820 (334 H)

RSC-Forth.txt

SCR

C47E User variable, current value = 0 (0 H)

BLK

C473 User variable, current value = 0 (0 H)

PREV

C468 User variable, current value = 0 (0 H)

USE

C45C User variable, current value = 0 (0 H)

UABORT

C451 User variable, current value = -13234 (CC4E H)

VOC-LINK

C43D User variable, current value = 828 (33C H)

HEADERLESS

C42D User variable, current value = 0 (0 H)

DP

C41B User variable, current value = 4214 (1076 H)

FENCE

C411 User variable, current value = 1028 (404 H)

WARNING

C404 User variable, current value = 0 (0 H)

WIDTH

C3F5 User variable, current value = 31 (1F H)

OFFSET

C3E8 User variable, current value = 0 (0 H)

ULIMIT

C3DA User variable, current value = 8192 (2000 H)

UFIRST

C3CC User variable, current value = 6136 (17F8 H)

B/SIDE

C3BE User variable, current value = 320 (140 H)

CYLINDER

C3B0 User variable, current value = -1 (FFFF H)

DISKNO

C3A0 User variable, current value = 0 (0 H)

HLD

F8E5 User variable, current value = 890 (37A H)

DPL

F8E2 User variable, current value = -1 (FFFF H)

IN

F8DF User variable, current value = 12 (C H)

CLD/WRM

F8DC User variable, current value = -23206 (A55A H)

RSC-Forth.txt

BASE

F8D9 User variable, current value = 10 (A H)

UR/W

F8D6 User variable, current value = -760 (FD08 H)

UPAD

F8D3 User variable, current value = 894 (37E H)

UC/L

F8D0 User variable, current value = 80 (50 H)

R0

F8CD User variable, current value = 255 (FF H)

S0

F8CA User variable, current value = 194 (C2 H)

TIB

F8C7 User variable, current value = 896 (380 H)

BL

F8C3 Constant, value = 32 (20 H)

4

F8BF Constant, value = 4 (4 H)

3

F8BB Constant, value = 3 (3 H)

2

F8B7 Constant, value = 2 (2 H)

1

F8B3 Constant, value = 1 (1 H)

0

F8AF Constant, value = 0 (0 H)

USER

```

C305 :
C307 CREATE
C309 SMUDGE
C30B C,
C30D -1888 ( F8A0 H )
C311 C271 Headerless

```

```

F874 LDA 4F      F876 PHA          F877 LDA 4E      F879 PHA          F87A CLC
F87B LDA 4C      F87D ADC # 2      F87F STA 4E      F881 TYA          F882 ADC 4D
F884 STA 4F      F886 JMP F428     F889 LDY # 2     F88B LDA (4C),Y   F88D PHA
F88E INY         F88F LDA (4C),Y   F891 JMP F421     F894 CLC          F895 LDA 4C
F897 ADC # 2     F899 PHA          F89A TYA          F89B ADC 4D       F89D JMP F421
F8A0 LDY # 2     F8A2 CLC          F8A3 LDA (4C),Y   F8A5 ADC 48       F8A7 PHA
F8A8 LDA # 0     F8AA ADC 49       F8AC JMP F421     F8AF ???
C313 ;C

```

CODE

```

C2EE :
C2F0 ?EXEC
C2F2 CREATE
C2F4 ASSEMBLER
C2F6 D9EE Headerless

```

```

F9C5 LDA 4F      F9C7 PHA          F9C8 LDA 4E      F9CA PHA          F9CB LDY # 2
F9CD LDA (4C),Y  F9CF STA 4E      F9D1 INY         F9D2 LDA (4C),Y   F9D4 STA 4F
F9D6 CLC         F9D7 LDA 4C      F9D9 ADC # 4     F9DB PHA          F9DC LDA 4D
F9DE ADC # 0     F9E0 JMP F421     F9E3 ???
C2F8 !CSP
C2FA ;S

```

VARIABLE

```

C2DB :
C2DD CONSTANT
C2DF -1900 ( F894 H )
C2E3 C271 Headerless

```

```

F874 LDA 4F      F876 PHA          F877 LDA 4E      F879 PHA          F87A CLC

```

RSC-Forth.txt

```

F87B LDA 4C      F87D ADC # 2      F87F STA 4E      F881 TYA      F882 ADC 4D
F884 STA 4F      F886 JMP F428     F889 LDY # 2     F88B LDA (4C),Y F88D PHA
F88E INY         F88F LDA (4C),Y  F891 JMP F421    F894 CLC      F895 LDA 4C
F897 ADC # 2     F899 PHA         F89A TYA         F89B ADC 4D    F89D JMP F421
F8A0 LDY # 2     F8A2 CLC         F8A3 LDA (4C),Y F8A5 ADC 48    F8A7 PHA
F8A8 LDA # 0     F8AA ADC 49      F8AC JMP F421    F8AF ???
C2E5 ;C

```

CONSTANT

```

C2C0 :
C2C2 CREATE
C2C4 SMUDGE
C2C6 ,
C2C8 -1911 ( F889 H )
C2CC C271 Headerless

```

```

F874 LDA 4F      F876 PHA         F877 LDA 4E      F879 PHA      F87A CLC
F87B LDA 4C      F87D ADC # 2     F87F STA 4E      F881 TYA      F882 ADC 4D
F884 STA 4F      F886 JMP F428     F889 LDY # 2     F88B LDA (4C),Y F88D PHA
F88E INY         F88F LDA (4C),Y  F891 JMP F421    F894 CLC      F895 LDA 4C
F897 ADC # 2     F899 PHA         F89A TYA         F89B ADC 4D    F89D JMP F421
F8A0 LDY # 2     F8A2 CLC         F8A3 LDA (4C),Y F8A5 ADC 48    F8A7 PHA
F8A8 LDA # 0     F8AA ADC 49      F8AC JMP F421    F8AF ???
C2CE ;C

```

;

```

C2A5 :
C2A7 ?CSP
C2A9 COMPILE

```

```

OK
" OK
" ?
' LATEST DCL

```

LATEST

```

C62C :
C62E CURRENT
C630 @
C632 @
C634 ;S

```

TRAVERSE

```

C606 :
C608 SWAP
C60A OVER
C60C +
C60E 127 ( 7F H )
C611 OVER
C613 C@

```


RSC-Forth.txt

C615 <
C617 Branch if zero to C60A
C61B SWAP
C61D DROP
C61F ;S

-DUP

F9A5 :
F9A7 DUP
F9A9 Branch if zero to F9AF
F9AD DUP
F9AF ;S

SPACE

F99D :
F99F BL
F9A1 EMIT
F9A3 ;S

PICK

F98F :
F991 DUP
F993 +
F995 SP@
F997 +
F999 @
F99B ;S

ROT <primitive>

F976 LDA 4,X	F978 PHA	F979 LDA 2,X	F97B STA 4,X	F97D LDA 0,X
F97F STA 2,X	F981 LDY 5,X	F983 LDA 3,X	F985 STA 5,X	F987 LDA 1,X
F989 STA 3,X	F98B TYA	F98C JMP F423	F98F ???	

>

F96C :
F96E SWAP
F970 <
F972 ;S

;

C2A5 :
C2A7 ?CSP
C2A9 COMPILE
C2AB ;S

RSC-Forth.txt

:

```

C287 :
C289 ?EXEC
C28B !CSP
C28D CURRENT
C28F @
C291 CONTEXT
C293 !
C295 CREATE
C297 ]
C299 -1932 ( F874 H )
C29D C271 Headerless

```

```

F874 LDA 4F      F876 PHA          F877 LDA 4E      F879 PHA          F87A CLC
F87B LDA 4C      F87D ADC # 2      F87F STA 4E      F881 TYA          F882 ADC 4D
F884 STA 4F      F886 JMP F428      F889 LDY # 2      F88B LDA (4C),Y  F88D PHA
F88E INY         F88F LDA (4C),Y  F891 JMP F421      F894 CLC          F895 LDA 4C
F897 ADC # 2     F899 PHA          F89A TYA          F89B ADC 4D      F89D JMP F421
F8A0 LDY # 2     F8A2 CLC          F8A3 LDA (4C),Y  F8A5 ADC 48      F8A7 PHA
F8A8 LDA # 0     F8AA ADC 49      F8AC JMP F421      F8AF ???
C29F ;C

```

C! <primitive>

```

F86D LDA 2,X     F86F STA ( 0,X)  F871 JMP F506      F874 LDA 4F      F876 PHA
F877 LDA 4E      F879 PHA          F87A CLC          F87B LDA 4C      F87D ADC # 2
F87F STA 4E      F881 TYA          F882 ADC 4D      F884 STA 4F      F886 JMP F428
F889 LDY # 2     F88B LDA (4C),Y  F88D PHA          F88E INY         F88F LDA (4C),Y
F891 JMP F421    F894 CLC          F895 LDA 4C      F897 ADC # 2     F899 PHA
F89A TYA         F89B ADC 4D      F89D JMP F421    F8A0 LDY # 2     F8A2 CLC
F8A3 LDA (4C),Y F8A5 ADC 48      F8A7 PHA          F8A8 LDA # 0      F8AA ADC 49
F8AC JMP F421    F8AF ???

```

! <primitive>

```

F85A LDA 2,X     F85C STA ( 0,X)  F85E INC 0,X      F860 BNE F864    F862 INC 1,X
F864 LDA 3,X     F866 STA ( 0,X)  F868 JMP F506      F86B ADC B5F8    F86E ???

```

C@ <primitive>

```

F84D LDA ( 0,X)  F84F STA 0,X      F851 LDY # 0      F853 STY 1,X     F855 JMP F428
F858 ???

```

@ <primitive>

```

F83D LDA ( 0,X)  F83F PHA          F840 INC 0,X      F842 BNE F846    F844 INC 1,X
F846 LDA ( 0,X)  F848 JMP F423      F84B EOR A1F8    F84E BRK          F84F STA 0,X
F851 LDY # 0     F853 STY 1,X     F855 JMP F428    F858 ???

```

TOGGLE <primitive>

```

F832 LDA ( 2,X)  F834 EOR 0,X      F836 STA ( 2,X)  F838 JMP F506      F83B AND A1F8,X
F83E BRK         F83F PHA          F840 INC 0,X      F842 BNE F846    F844 INC 1,X
F846 LDA ( 0,X)  F848 JMP F423      F84B EOR A1F8    F84E BRK          F84F STA 0,X
F851 LDY # 0     F853 STY 1,X     F855 JMP F428    F858 ???

```

RSC-Forth.txt

+! <primitive>

```
F81A CLC          F81B LDA ( 0,X) F81D ADC  2,X  F81F STA ( 0,X) F821 INC  0,X
F823 BNE F827    F825 INC  1,X  F827 LDA ( 0,X) F829 ADC  3,X  F82B STA ( 0,X)
F82D JMP F506    F830 ???
```

BOUNDS <primitive>

```
F805 LDY  3,X  F807 LDA  2,X  F809 PHA          F80A CLC          F80B ADC  0,X
F80D STA  2,X  F80F TYA          F810 ADC  1,X  F812 STA  3,X  F814 TYA
F815 JMP F423  F818 ???
```

2DUP <primitive>

```
F7F1 DEX          F7F2 DEX          F7F3 LDA  4,X  F7F5 STA  0,X  F7F7 LDA  5,X
F7F9 STA  1,X  F7FB LDA  2,X  F7FD PHA          F7FE LDA  3,X  F800 JMP F421
F803 ORA F8      F805 LDY  3,X  F807 LDA  2,X  F809 PHA          F80A CLC
F80B ADC  0,X  F80D STA  2,X  F80F TYA          F810 ADC  1,X  F812 STA  3,X
F814 TYA        F815 JMP F423  F818 ???
```

DUP <primitive>

```
F7E7 LDA  0,X  F7E9 PHA          F7EA LDA  1,X  F7EC JMP F421  F7EF SBC (F7),Y
F7F1 DEX          F7F2 DEX          F7F3 LDA  4,X  F7F5 STA  0,X  F7F7 LDA  5,X
F7F9 STA  1,X  F7FB LDA  2,X  F7FD PHA          F7FE LDA  3,X  F800 JMP F421
F803 ORA F8      F805 LDY  3,X  F807 LDA  2,X  F809 PHA          F80A CLC
F80B ADC  0,X  F80D STA  2,X  F80F TYA          F810 ADC  1,X  F812 STA  3,X
F814 TYA        F815 JMP F423  F818 ???
```

SWAP <primitive>

```
F7D5 LDA  2,X  F7D7 PHA          F7D8 LDA  0,X  F7DA STA  2,X  F7DC LDA  3,X
F7DE LDY  1,X  F7E0 STY  3,X  F7E2 JMP F423  F7E5 SM6 F7      F7E7 LDA  0,X
F7E9 PHA          F7EA LDA  1,X  F7EC JMP F421  F7EF SBC (F7),Y F7F1 DEX
F7F2 DEX          F7F3 LDA  4,X  F7F5 STA  0,X  F7F7 LDA  5,X  F7F9 STA  1,X
F7FB LDA  2,X  F7FD PHA          F7FE LDA  3,X  F800 JMP F421  F803 ORA F8
F805 LDY  3,X  F807 LDA  2,X  F809 PHA          F80A CLC          F80B ADC  0,X
F80D STA  2,X  F80F TYA          F810 ADC  1,X  F812 STA  3,X  F814 TYA
F815 JMP F423  F818 ???
```

2DROP

F7D1 F506 Headerless

```
E8E8 BS7 FF,FF  E8EB BS7 FF,FF  E8EE BS7 FF,FF  E8F1 BS7 FF,FF  E8F4 BS7 FF,FF
```

DROP

F7CF F508 Headerless

```
E8E8 BS7 FF,FF  E8EB BS7 FF,FF  E8EE BS7 FF,FF  E8F1 BS7 FF,FF  E8F4 BS7 FF,FF
```

RSC-Forth.txt

OVER <primitive>

```

F7C7 LDA 2,X   F7C9 PHA           F7CA LDA 3,X   F7CC JMP F421   F7CF PHP
F7D0 SBC 6,X   F7D2 SBC D5,X  F7D4 SM7 B5   F7D6 ???

```

DNEGATE <primitive>

```

F7B7 SEC           F7B8 TYA           F7B9 SBC 2,X   F7BB STA 2,X   F7BD TYA
F7BE SBC 3,X   F7C0 STA 3,X   F7C2 JMP F7A8   F7C5 SM4 F7     F7C7 LDA 2,X
F7C9 PHA           F7CA LDA 3,X   F7CC JMP F421   F7CF PHP       F7D0 SBC 6,X
F7D2 SBC D5,X  F7D4 SM7 B5   F7D6 ???

```

NEGATE <primitive>

```

F7A7 SEC           F7A8 TYA           F7A9 SBC 0,X   F7AB STA 0,X   F7AD TYA
F7AE SBC 1,X   F7B0 STA 1,X   F7B2 JMP F428   F7B5 SM3 F7     F7B7 SEC
F7B8 TYA           F7B9 SBC 2,X   F7BB STA 2,X   F7BD TYA       F7BE SBC 3,X
F7C0 STA 3,X   F7C2 JMP F7A8   F7C5 SM4 F7     F7C7 LDA 2,X   F7C9 PHA
F7CA LDA 3,X   F7CC JMP F421   F7CF PHP       F7D0 SBC 6,X   F7D2 SBC D5,X
F7D4 SM7 B5   F7D6 ???

```

D+ <primitive>

```

F789 CLC           F78A LDA 2,X   F78C ADC 6,X   F78E STA 6,X   F790 LDA 3,X
F792 ADC 7,X   F794 STA 7,X   F796 LDA 0,X   F798 ADC 4,X   F79A STA 4,X
F79C LDA 1,X   F79E ADC 5,X   F7A0 STA 5,X   F7A2 JMP F506   F7A5 SM2 F7
F7A7 SEC           F7A8 TYA           F7A9 SBC 0,X   F7AB STA 0,X   F7AD TYA
F7AE SBC 1,X   F7B0 STA 1,X   F7B2 JMP F428   F7B5 SM3 F7     F7B7 SEC
F7B8 TYA           F7B9 SBC 2,X   F7BB STA 2,X   F7BD TYA       F7BE SBC 3,X
F7C0 STA 3,X   F7C2 JMP F7A8   F7C5 SM4 F7     F7C7 LDA 2,X   F7C9 PHA
F7CA LDA 3,X   F7CC JMP F421   F7CF PHP       F7D0 SBC 6,X   F7D2 SBC D5,X
F7D4 SM7 B5   F7D6 ???

```

+ <primitive>

```

F77A CLC           F77B LDA 0,X   F77D ADC 2,X   F77F PHA           F780 LDA 1,X
F782 ADC 3,X   F784 JMP F6C9   F787 ???

```

0< <primitive>

```

F76D ASL 1,X   F76F TYA           F770 ROL .A   F771 STY 1,X   F773 STA 0,X
F775 JMP F428   F778 ???

```

NOT

C1D7 F75D Headerless

```

00B5 SM7 5D     00B7 SM7 A     00B9 BRK     00BA CMP C1,X  00BC ???

```

C1D9 ;C

0= <primitive>

```

F75D LDA 0,X   F75F ORA 1,X   F761 STY 1,X   F763 BNE F766   F765 INY
F766 STY 0,X   F768 JMP F428   F76B ADC 16F7  F76E ORA (98,X) F770 ROL .A

```

F771 STY 1,X F773 STA 0,X F775 JMP F428 F778 ???

R <primitive>

F74E STX 59 F750 TSX F751 LDA 1,X F753 PHA F754 LDA 2,X
 F756 LDX 59 F758 JMP F421 F75B EOR B5F7,X F75E BRK F75F ORA 1,X
 F761 STY 1,X F763 BNE F766 F765 INY F766 STY 0,X F768 JMP F428
 F76B ADC 16F7 F76E ORA (98,X) F770 ROL .A F771 STY 1,X F773 STA 0,X
 F775 JMP F428 F778 ???

R> <primitive>

F741 DEX F742 DEX F743 PLA F744 STA 0,X F746 PLA
 F747 STA 1,X F749 JMP F428 F74C LSR 86F7 F74F EOR B5BA,Y F752 ORA (48,X)
 F754 LDA 2,X F756 LDX 59 F758 JMP F421 F75B EOR B5F7,X F75E BRK
 F75F ORA 1,X F761 STY 1,X F763 BNE F766 F765 INY F766 STY 0,X
 F768 JMP F428 F76B ADC 16F7 F76E ORA (98,X) F770 ROL .A F771 STY 1,X
 F773 STA 0,X F775 JMP F428 F778 ???

>R <primitive>

F736 LDA 1,X F738 PHA F739 LDA 0,X F73B PHA F73C JMP F508
 F73F EOR (F7,X) F741 DEX F742 DEX F743 PLA F744 STA 0,X
 F746 PLA F747 STA 1,X F749 JMP F428 F74C LSR 86F7 F74F EOR B5BA,Y
 F752 ORA (48,X) F754 LDA 2,X F756 LDX 59 F758 JMP F421 F75B EOR B5F7,X
 F75E BRK F75F ORA 1,X F761 STY 1,X F763 BNE F766 F765 INY
 F766 STY 0,X F768 JMP F428 F76B ADC 16F7 F76E ORA (98,X) F770 ROL .A
 F771 STY 1,X F773 STA 0,X F775 JMP F428 F778 ???

LEAVE <primitive>

F724 STX 59 F726 TSX F727 LDA 1,X F729 STA 3,X F72B LDA 2,X
 F72D STA 4,X F72F LDX 59 F731 JMP F428 F734 ROL F7,X F736 LDA 1,X
 F738 PHA F739 LDA 0,X F73B PHA F73C JMP F508 F73F EOR (F7,X)
 F741 DEX F742 DEX F743 PLA F744 STA 0,X F746 PLA
 F747 STA 1,X F749 JMP F428 F74C LSR 86F7 F74F EOR B5BA,Y F752 ORA (48,X)
 F754 LDA 2,X F756 LDX 59 F758 JMP F421 F75B EOR B5F7,X F75E BRK
 F75F ORA 1,X F761 STY 1,X F763 BNE F766 F765 INY F766 STY 0,X
 F768 JMP F428 F76B ADC 16F7 F76E ORA (98,X) F770 ROL .A F771 STY 1,X
 F773 STA 0,X F775 JMP F428 F778 ???

;S <primitive>

F719 PLA F71A STA 4E F71C PLA F71D STA 4F F71F JMP F428
 F722 BIT F7 F724 STX 59 F726 TSX F727 LDA 1,X F729 STA 3,X
 F72B LDA 2,X F72D STA 4,X F72F LDX 59 F731 JMP F428 F734 ROL F7,X
 F736 LDA 1,X F738 PHA F739 LDA 0,X F73B PHA F73C JMP F508
 F73F EOR (F7,X) F741 DEX F742 DEX F743 PLA F744 STA 0,X
 F746 PLA F747 STA 1,X F749 JMP F428 F74C LSR 86F7 F74F EOR B5BA,Y
 F752 ORA (48,X) F754 LDA 2,X F756 LDX 59 F758 JMP F421 F75B EOR B5F7,X
 F75E BRK F75F ORA 1,X F761 STY 1,X F763 BNE F766 F765 INY
 F766 STY 0,X F768 JMP F428 F76B ADC 16F7 F76E ORA (98,X) F770 ROL .A
 F771 STY 1,X F773 STA 0,X F775 JMP F428 F778 ???

RP@ <primitive>

F70E STX 59 F710 TSX F711 TXA F712 LDX 59 F714 JMP F6ED

RSC-Forth.txt

F717	ORA	68F7,Y	F71A	STA	4E	F71C	PLA	F71D	STA	4F	F71F	JMP	F428	
F722	BIT	F7	F724	STX	59	F726	TSX	F727	LDA	1,X	F729	STA	3,X	
F72B	LDA	2,X	F72D	STA	4,X	F72F	LDX	59	F731	JMP	F428	F734	ROL	F7,X
F736	LDA	1,X	F738	PHA		F739	LDA	0,X	F73B	PHA		F73C	JMP	F508
F73F	EOR	(F7,X)	F741	DEX		F742	DEX		F743	PLA		F744	STA	0,X
F746	PLA		F747	STA	1,X	F749	JMP	F428	F74C	LSR	86F7	F74F	EOR	B5BA,Y
F752	ORA	(48,X)	F754	LDA	2,X	F756	LDX	59	F758	JMP	F421	F75B	EOR	B5F7,X
F75E	BRK		F75F	ORA	1,X	F761	STY	1,X	F763	BNE	F766	F765	INY	
F766	STY	0,X	F768	JMP	F428	F76B	ADC	16F7	F76E	ORA	(98,X)	F770	ROL	.A
F771	STY	1,X	F773	STA	0,X	F775	JMP	F428	F778	???				

RP! <primitive>

F6FF	STX	59	F701	LDY	# 4	F703	LDA	(48),Y	F705	TAX		F706	TXS	
F707	LDX	59	F709	JMP	F428	F70C	ASL	86F7	F70F	EOR	8ABA,Y	F712	LDX	59
F714	JMP	F6ED	F717	ORA	68F7,Y	F71A	STA	4E	F71C	PLA		F71D	STA	4F
F71F	JMP	F428	F722	BIT	F7	F724	STX	59	F726	TSX		F727	LDA	1,X
F729	STA	3,X	F72B	LDA	2,X	F72D	STA	4,X	F72F	LDX	59	F731	JMP	F428
F734	ROL	F7,X	F736	LDA	1,X	F738	PHA		F739	LDA	0,X	F73B	PHA	
F73C	JMP	F508	F73F	EOR	(F7,X)	F741	DEX		F742	DEX		F743	PLA	
F744	STA	0,X	F746	PLA		F747	STA	1,X	F749	JMP	F428	F74C	LSR	86F7
F74F	EOR	B5BA,Y	F752	ORA	(48,X)	F754	LDA	2,X	F756	LDX	59	F758	JMP	F421
F75B	EOR	B5F7,X	F75E	BRK		F75F	ORA	1,X	F761	STY	1,X	F763	BNE	F766
F765	INY		F766	STY	0,X	F768	JMP	F428	F76B	ADC	16F7	F76E	ORA	(98,X)
F770	ROL	.A	F771	STY	1,X	F773	STA	0,X	F775	JMP	F428	F778	???	

SP! <primitive>

F6F5	LDY	# 2	F6F7	LDA	(48),Y	F6F9	TAX		F6FA	JMP	F428	F6FD	BS7	F6,86
F700	EOR	04A0,Y	F703	LDA	(48),Y	F705	TAX		F706	TXS		F707	LDX	59
F709	JMP	F428	F70C	ASL	86F7	F70F	EOR	8ABA,Y	F712	LDX	59	F714	JMP	F6ED
F717	ORA	68F7,Y	F71A	STA	4E	F71C	PLA		F71D	STA	4F	F71F	JMP	F428
F722	BIT	F7	F724	STX	59	F726	TSX		F727	LDA	1,X	F729	STA	3,X
F72B	LDA	2,X	F72D	STA	4,X	F72F	LDX	59	F731	JMP	F428	F734	ROL	F7,X
F736	LDA	1,X	F738	PHA		F739	LDA	0,X	F73B	PHA		F73C	JMP	F508
F73F	EOR	(F7,X)	F741	DEX		F742	DEX		F743	PLA		F744	STA	0,X
F746	PLA		F747	STA	1,X	F749	JMP	F428	F74C	LSR	86F7	F74F	EOR	B5BA,Y
F752	ORA	(48,X)	F754	LDA	2,X	F756	LDX	59	F758	JMP	F421	F75B	EOR	B5F7,X
F75E	BRK		F75F	ORA	1,X	F761	STY	1,X	F763	BNE	F766	F765	INY	
F766	STY	0,X	F768	JMP	F428	F76B	ADC	16F7	F76E	ORA	(98,X)	F770	ROL	.A
F771	STY	1,X	F773	STA	0,X	F775	JMP	F428	F778	???				

SP@ <primitive>

F6EC	TXA		F6ED	PHA		F6EE	LDA	# 0	F6F0	JMP	F421	F6F3	SBC	F6,X
F6F5	LDY	# 2	F6F7	LDA	(48),Y	F6F9	TAX		F6FA	JMP	F428	F6FD	BS7	F6,86
F700	EOR	04A0,Y	F703	LDA	(48),Y	F705	TAX		F706	TXS		F707	LDX	59
F709	JMP	F428	F70C	ASL	86F7	F70F	EOR	8ABA,Y	F712	LDX	59	F714	JMP	F6ED
F717	ORA	68F7,Y	F71A	STA	4E	F71C	PLA		F71D	STA	4F	F71F	JMP	F428
F722	BIT	F7	F724	STX	59	F726	TSX		F727	LDA	1,X	F729	STA	3,X
F72B	LDA	2,X	F72D	STA	4,X	F72F	LDX	59	F731	JMP	F428	F734	ROL	F7,X
F736	LDA	1,X	F738	PHA		F739	LDA	0,X	F73B	PHA		F73C	JMP	F508
F73F	EOR	(F7,X)	F741	DEX		F742	DEX		F743	PLA		F744	STA	0,X
F746	PLA		F747	STA	1,X	F749	JMP	F428	F74C	LSR	86F7	F74F	EOR	B5BA,Y
F752	ORA	(48,X)	F754	LDA	2,X	F756	LDX	59	F758	JMP	F421	F75B	EOR	B5F7,X
F75E	BRK		F75F	ORA	1,X	F761	STY	1,X	F763	BNE	F766	F765	INY	
F766	STY	0,X	F768	JMP	F428	F76B	ADC	16F7	F76E	ORA	(98,X)	F770	ROL	.A
F771	STY	1,X	F773	STA	0,X	F775	JMP	F428	F778	???				

RSC-Forth.txt

XOR <primitive>

F6DE	LDA	0,X	F6E0	EOR	2,X	F6E2	PHA	F6E3	LDA	1,X	F6E5	EOR	3,X	
F6E7	JMP	F6C9	F6EA	CPX	8AF6	F6ED	PHA	F6EE	LDA	# 0	F6F0	JMP	F421	
F6F3	SBC	F6,X	F6F5	LDY	# 2	F6F7	LDA	(48),Y	F6F9	TAX	F6FA	JMP	F428	
F6FD	BS7	F6,86	F700	EOR	04A0,Y	F703	LDA	(48),Y	F705	TAX	F706	TXS		
F707	LDX	59	F709	JMP	F428	F70C	ASL	86F7	F70F	EOR	8ABA,Y	F712	LDX	59
F714	JMP	F6ED	F717	ORA	68F7,Y	F71A	STA	4E	F71C	PLA	F71D	STA	4F	
F71F	JMP	F428	F722	BIT	F7	F724	STX	59	F726	TSX	F727	LDA	1,X	
F729	STA	3,X	F72B	LDA	2,X	F72D	STA	4,X	F72F	LDX	59	F731	JMP	F428
F734	ROL	F7,X	F736	LDA	1,X	F738	PHA		F739	LDA	0,X	F73B	PHA	
F73C	JMP	F508	F73F	EOR	(F7,X)	F741	DEX		F742	DEX	F743	PLA		
F744	STA	0,X	F746	PLA		F747	STA	1,X	F749	JMP	F428	F74C	LSR	86F7
F74F	EOR	B5BA,Y	F752	ORA	(48,X)	F754	LDA	2,X	F756	LDX	59	F758	JMP	F421
F75B	EOR	B5F7,X	F75E	BRK		F75F	ORA	1,X	F761	STY	1,X	F763	BNE	F766
F765	INY		F766	STY	0,X	F768	JMP	F428	F76B	ADC	16F7	F76E	ORA	(98,X)
F770	ROL	.A	F771	STY	1,X	F773	STA	0,X	F775	JMP	F428	F778	???	

OR <primitive>

F6D0	LDA	0,X	F6D2	ORA	2,X	F6D4	PHA	F6D5	LDA	1,X	F6D7	ORA	3,X	
F6D9	JMP	F6C9	F6DC	DEC	B5F6,X	F6DF	BRK	F6E0	EOR	2,X	F6E2	PHA		
F6E3	LDA	1,X	F6E5	EOR	3,X	F6E7	JMP	F6C9	F6EA	CPX	8AF6	F6ED	PHA	
F6EE	LDA	# 0	F6F0	JMP	F421	F6F3	SBC	F6,X	F6F5	LDY	# 2	F6F7	LDA	(48),Y
F6F9	TAX		F6FA	JMP	F428	F6FD	BS7	F6,86	F700	EOR	04A0,Y	F703	LDA	(48),Y
F705	TAX		F706	TXS		F707	LDX	59	F709	JMP	F428	F70C	ASL	86F7
F70F	EOR	8ABA,Y	F712	LDX	59	F714	JMP	F6ED	F717	ORA	68F7,Y	F71A	STA	4E
F71C	PLA		F71D	STA	4F	F71F	JMP	F428	F722	BIT	F7	F724	STX	59
F726	TSX		F727	LDA	1,X	F729	STA	3,X	F72B	LDA	2,X	F72D	STA	4,X
F72F	LDX	59	F731	JMP	F428	F734	ROL	F7,X	F736	LDA	1,X	F738	PHA	
F739	LDA	0,X	F73B	PHA		F73C	JMP	F508	F73F	EOR	(F7,X)	F741	DEX	
F742	DEX		F743	PLA		F744	STA	0,X	F746	PLA		F747	STA	1,X
F749	JMP	F428	F74C	LSR	86F7	F74F	EOR	B5BA,Y	F752	ORA	(48,X)	F754	LDA	2,X
F756	LDX	59	F758	JMP	F421	F75B	EOR	B5F7,X	F75E	BRK		F75F	ORA	1,X
F761	STY	1,X	F763	BNE	F766	F765	INY		F766	STY	0,X	F768	JMP	F428
F76B	ADC	16F7	F76E	ORA	(98,X)	F770	ROL	.A	F771	STY	1,X	F773	STA	0,X
F775	JMP	F428	F778	???										

AND <primitive>

F6C0	LDA	0,X	F6C2	AND	2,X	F6C4	PHA	F6C5	LDA	1,X	F6C7	AND	3,X	
F6C9	INX		F6CA	INX		F6CB	JMP	F423	F6CE	BNE	F6C6	F6D0	LDA	0,X
F6D2	ORA	2,X	F6D4	PHA		F6D5	LDA	1,X	F6D7	ORA	3,X	F6D9	JMP	F6C9
F6DC	DEC	B5F6,X	F6DF	BRK		F6E0	EOR	2,X	F6E2	PHA		F6E3	LDA	1,X
F6E5	EOR	3,X	F6E7	JMP	F6C9	F6EA	CPX	8AF6	F6ED	PHA		F6EE	LDA	# 0
F6F0	JMP	F421	F6F3	SBC	F6,X	F6F5	LDY	# 2	F6F7	LDA	(48),Y	F6F9	TAX	
F6FA	JMP	F428	F6FD	BS7	F6,86	F700	EOR	04A0,Y	F703	LDA	(48),Y	F705	TAX	
F706	TXS		F707	LDX	59	F709	JMP	F428	F70C	ASL	86F7	F70F	EOR	8ABA,Y
F712	LDX	59	F714	JMP	F6ED	F717	ORA	68F7,Y	F71A	STA	4E	F71C	PLA	
F71D	STA	4F	F71F	JMP	F428	F722	BIT	F7	F724	STX	59	F726	TSX	
F727	LDA	1,X	F729	STA	3,X	F72B	LDA	2,X	F72D	STA	4,X	F72F	LDX	59
F731	JMP	F428	F734	ROL	F7,X	F736	LDA	1,X	F738	PHA		F739	LDA	0,X
F73B	PHA		F73C	JMP	F508	F73F	EOR	(F7,X)	F741	DEX		F742	DEX	
F743	PLA		F744	STA	0,X	F746	PLA		F747	STA	1,X	F749	JMP	F428
F74C	LSR	86F7	F74F	EOR	B5BA,Y	F752	ORA	(48,X)	F754	LDA	2,X	F756	LDX	59
F758	JMP	F421	F75B	EOR	B5F7,X	F75E	BRK		F75F	ORA	1,X	F761	STY	1,X
F763	BNE	F766	F765	INY		F766	STY	0,X	F768	JMP	F428	F76B	ADC	16F7
F76E	ORA	(98,X)	F770	ROL	.A	F771	STY	1,X	F773	STA	0,X	F775	JMP	F428
F778	???													

RSC-Forth.txt

U/ <primitive>

F67D LDA 4,X	F67F LDY 2,X	F681 STY 4,X	F683 ASL .A	F684 STA 2,X
F686 LDA 5,X	F688 LDY 3,X	F68A STY 5,X	F68C ROL .A	F68D STA 3,X
F68F LDA #10	F691 STA 51	F693 ROL 4,X	F695 ROL 5,X	F697 PHP
F698 SEC	F699 LDA 4,X	F69B SBC 0,X	F69D TAY	F69E LDA 5,X
F6A0 SBC 1,X	F6A2 BCC F6AC	F6A4 STY 4,X	F6A6 STA 5,X	F6A8 PLP
F6A9 SEC	F6AA BCS F6B3	F6AC PLP	F6AD BCC F6B3	F6AF STY 4,X
F6B1 STA 5,X	F6B3 ROL 2,X	F6B5 ROL 3,X	F6B7 DEC 51	F6B9 BNE F693
F6BB JMP F508	F6BE CPY #F6	F6C0 LDA 0,X	F6C2 AND 2,X	F6C4 PHA
F6C5 LDA 1,X	F6C7 AND 3,X	F6C9 INX	F6CA INX	F6CB JMP F423
F6CE BNE F6C6	F6D0 LDA 0,X	F6D2 ORA 2,X	F6D4 PHA	F6D5 LDA 1,X
F6D7 ORA 3,X	F6D9 JMP F6C9	F6DC DEC B5F6,X	F6DF BRK	F6E0 EOR 2,X
F6E2 PHA	F6E3 LDA 1,X	F6E5 EOR 3,X	F6E7 JMP F6C9	F6EA CPX 8AF6
F6ED PHA	F6EE LDA # 0	F6F0 JMP F421	F6F3 SBC F6,X	F6F5 LDY # 2
F6F7 LDA (48),Y	F6F9 TAX	F6FA JMP F428	F6FD BS7 F6,86	F700 EOR 04A0,Y
F703 LDA (48),Y	F705 TAX	F706 TXS	F707 LDX 59	F709 JMP F428
F70C ASL 86F7	F70F EOR 8ABA,Y	F712 LDX 59	F714 JMP F6ED	F717 ORA 68F7,Y
F71A STA 4E	F71C PLA	F71D STA 4F	F71F JMP F428	F722 BIT F7
F724 STX 59	F726 TSX	F727 LDA 1,X	F729 STA 3,X	F72B LDA 2,X
F72D STA 4,X	F72F LDX 59	F731 JMP F428	F734 ROL F7,X	F736 LDA 1,X
F738 PHA	F739 LDA 0,X	F73B PHA	F73C JMP F508	F73F EOR (F7,X)
F741 DEX	F742 DEX	F743 PLA	F744 STA 0,X	F746 PLA
F747 STA 1,X	F749 JMP F428	F74C LSR 86F7	F74F EOR B5BA,Y	F752 ORA (48,X)
F754 LDA 2,X	F756 LDX 59	F758 JMP F421	F75B EOR B5F7,X	F75E BRK
F75F ORA 1,X	F761 STY 1,X	F763 BNE F766	F765 INY	F766 STY 0,X
F768 JMP F428	F76B ADC 16F7	F76E ORA (98,X)	F770 ROL .A	F771 STY 1,X
F773 STA 0,X	F775 JMP F428	F778 ???		

U* <primitive>

F648 LDA 2,X	F64A STA 51	F64C STY 2,X	F64E LDA 3,X	F650 STA 52
F652 STY 3,X	F654 LDY #10	F656 ASL 2,X	F658 ROL 3,X	F65A ROL 0,X
F65C ROL 1,X	F65E BCC F675	F660 CLC	F661 LDA 51	F663 ADC 2,X
F665 STA 2,X	F667 LDA 52	F669 ADC 3,X	F66B STA 3,X	F66D BCC F675
F66F INC 0,X	F671 BNE F675	F673 INC 1,X	F675 DEY	F676 BNE F656
F678 JMP F428	F67B ADC B5F6,X	F67E ???		

CMOVE <primitive>

F628 LDA # 3	F62A JSR F460	F62D CPY 51	F62F BNE F638	F631 DEC 52
F633 BPL F638	F635 JMP F428	F638 LDA (55),Y	F63A STA (53),Y	F63C INY
F63D BNE F62D	F63F INC 56	F641 INC 54	F643 JMP F62D	F646 PHA
F647 INC B5,X	F649 ???			

FINIS

C147 :
C149 CR
C14B Print text: OK
C150 Branch to C9B7
C154 ;C

SOURCE

RSC-Forth.txt

```

C0FB :
C0FD 0
C0FF BLK
C101 !
C103 [
C105 RP!
C107 XON
C109 0
C10B IN
C10D !
C10F TIB
C111 @
C113 80 ( 50 H )
C116 BOUNDS
C118 (DO)
C11A KEY
C11C DUP
C11E 13 ( D H )
C121 =
C123 Branch if zero to C12D
C127 DROP
C129 0
C12B LEAVE
C12D I
C12F C!
C131 Loop to C11A
C135 XOFF
C137 INTERPRET
C139 Branch to C105
C13D ;C

```

XOFF

```

C0E8 :
C0EA Print text: □
C0EE ;S

```

XON

```

C0D7 :
C0D9 Print text: □
C0DD ;S

```

CR <primitive>

```

F615 LDA # D      F617 JSR F5EC      F61A LDA # A      F61C JSR F5EC      F61F TYA
F620 JSR F5EC      F623 JMP F428      F626 PLP          F627 INC A9,X      F629 ???

```

?TERMINAL <primitive>

```

F60C LDA 16        F60E AND # 1      F610 JMP F6ED      F613 ORA F6,X      F615 LDA # D
F617 JSR F5EC      F61A LDA # A      F61C JSR F5EC      F61F TYA          F620 JSR F5EC
F623 JMP F428      F626 PLP          F627 INC A9,X      F629 ???

```

RSC-Forth.txt

KEY <primitive>

```
F5F8 JSR F5FE   F5FB JMP F6ED   F5FE JMP (0044) F601 LDA 16   F603 AND # 1
F605 BEQ F601   F607 LDA 17   F609 RTS      F60A ???
```

EMIT <primitive>

```
F5D6 LDA 0,X   F5D8 CMP # 8   F5DA BNE F5E6   F5DC JSR F5EC   F5DF LDA #20
F5E1 JSR F5EC   F5E4 LDA # 8   F5E6 JSR F5EC   F5E9 JMP F508   F5EC JMP (0046)
F5EF BIT 16     F5F1 BVC F5EF   F5F3 STA 17     F5F5 RTS      F5F6 SED
F5F7 SBC 20,X   F5F9 INC 4CF5,X F5FC SBC 6CF6   F5FF ???
```

ENCLOSE <primitive>

```
F593 LDA # 2    F595 JSR F460   F598 TXA      F599 SEC      F59A SBC # 8
F59C TAX      F59D STY 3,X  F59F STY 1,X  F5A1 BNE F5AE  F5A3 INY
F5A4 BNE F5AE  F5A6 INC 54    F5A8 INC 1,X  F5AA INC 3,X  F5AC INC 5,X
F5AE LDA (53),Y F5B0 CMP 51    F5B2 BEQ F5A3 F5B4 STY 4,X  F5B6 LDA (53),Y
F5B8 BNE F5C8  F5BA STY 2,X  F5BC STY 0,X  F5BE TYA     F5BF CMP 4,X
F5C1 BNE F5C5  F5C3 INC 2,X  F5C5 JMP F428 F5C8 STY 2,X  F5CA INY
F5CB CMP 51    F5CD BNE F5B6  F5CF STY 0,X  F5D1 JMP F428  F5D4 DEC F5,X
F5D6 LDA 0,X   F5D8 CMP # 8   F5DA BNE F5E6  F5DC JSR F5EC  F5DF LDA #20
F5E1 JSR F5EC  F5E4 LDA # 8   F5E6 JSR F5EC  F5E9 JMP F508  F5EC JMP (0046)
F5EF BIT 16    F5F1 BVC F5EF  F5F3 STA 17    F5F5 RTS      F5F6 SED
F5F7 SBC 20,X  F5F9 INC 4CF5,X F5FC SBC 6CF6  F5FF ???
```

(FIND) <primitive>

```
F537 LDA # 2    F539 JSR F460   F53C STX 59    F53E LDY # 0    F540 LDA (51),Y
F542 EOR (53),Y F544 AND #3F   F546 BNE F575  F548 INY      F549 LDA (51),Y
F54B EOR (53),Y F54D ASL .A    F54E BNE F573  F550 BCC F548 F552 LDX 59
F554 DEX      F555 DEX      F556 DEX      F557 DEX      F558 CLC
F559 TYA      F55A ADC # 3   F55C ADC 51    F55E STA 2,X   F560 LDY # 0
F562 TYA      F563 ADC 52    F565 STA 3,X   F567 STY 1,X   F569 LDA (51),Y
F56B STA 0,X   F56D LDA # 1   F56F PHA      F570 JMP F421    F573 BCS F57A
F575 INY      F576 LDA (51),Y F578 BPL F575  F57A INY      F57B LDA (51),Y
F57D TAX      F57E INY      F57F LDA (51),Y F581 STA 52    F583 STX 51
F585 ORA 51   F587 BNE F53E  F589 LDX 59    F58B LDA # 0    F58D PHA
F58E JMP F421  F591 ???
```

DIGIT <primitive>

```
F50F SEC      F510 LDA 2,X   F512 SBC #30   F514 BMI F52E  F516 CMP # A
F518 BMI F521  F51A SEC      F51B SBC # 7   F51D CMP # A   F51F BMI F52E
F521 CMP 0,X   F523 BPL F52E  F525 STA 2,X   F527 LDA # 1   F529 PHA
F52A TYA      F52B JMP F423  F52E TYA      F52F PHA      F530 INX
F531 INX      F532 JMP F423  F535 RM3 F5    F537 LDA # 2   F539 JSR F460
F53C STX 59   F53E LDY # 0   F540 LDA (51),Y F542 EOR (53),Y F544 AND #3F
F546 BNE F575 F548 INY      F549 LDA (51),Y F54B EOR (53),Y F54D ASL .A
F54E BNE F573 F550 BCC F548 F552 LDX 59    F554 DEX      F555 DEX
F556 DEX      F557 DEX      F558 CLC      F559 TYA     F55A ADC # 3
F55C ADC 51   F55E STA 2,X  F560 LDY # 0  F562 TYA     F563 ADC 52
F565 STA 3,X  F567 STY 1,X  F569 LDA (51),Y F56B STA 0,X   F56D LDA # 1
F56F PHA      F570 JMP F421 F573 BCS F57A F575 INY     F576 LDA (51),Y
F578 BPL F575 F57A INY     F57B LDA (51),Y F57D TAX      F57E INY
F57F LDA (51),Y F581 STA 52    F583 STX 51    F585 ORA 51   F587 BNE F53E
F589 LDX 59   F58B LDA # 0   F58D PHA      F58E JMP F421  F591 ???
```

RSC-Forth.txt

I

C086 F74E Headerless

5986 BRK	5987 BRK	5988 BS7 FF,FF	598B BS7 FF,FF	598E BS7 FF, 4
5991 BRK	5992 BRK	5993 BRK	5994 BRK	5995 BRK
5996 BRK	5997 BRK	5998 BS7 FF,FF	599B BS7 FF,FF	599E BS7 FF, 0
59A1 BRK	59A2 BRK	59A3 BRK	59A4 BRK	59A5 ???

C088 ;C

(DO) <primitive>

F4FA LDA 3,X	F4FC PHA	F4FD LDA 2,X	F4FF PHA	F500 LDA 1,X
F502 PHA	F503 LDA 0,X	F505 PHA	F506 INX	F507 INX
F508 INX	F509 INX	F50A JMP F428	F50D BR0 F5,38	F510 LDA 2,X
F512 SBC #30	F514 BMI F52E	F516 CMP # A	F518 BMI F521	F51A SEC
F51B SBC # 7	F51D CMP # A	F51F BMI F52E	F521 CMP 0,X	F523 BPL F52E
F525 STA 2,X	F527 LDA # 1	F529 PHA	F52A TYA	F52B JMP F423
F52E TYA	F52F PHA	F530 INX	F531 INX	F532 JMP F423
F535 RM3 F5	F537 LDA # 2	F539 JSR F460	F53C STX 59	F53E LDY # 0
F540 LDA (51),Y	F542 EOR (53),Y	F544 AND #3F	F546 BNE F575	F548 INY
F549 LDA (51),Y	F54B EOR (53),Y	F54D ASL .A	F54E BNE F573	F550 BCC F548
F552 LDX 59	F554 DEX	F555 DEX	F556 DEX	F557 DEX
F558 CLC	F559 TYA	F55A ADC # 3	F55C ADC 51	F55E STA 2,X
F560 LDY # 0	F562 TYA	F563 ADC 52	F565 STA 3,X	F567 STY 1,X
F569 LDA (51),Y	F56B STA 0,X	F56D LDA # 1	F56F PHA	F570 JMP F421
F573 BCS F57A	F575 INY	F57E LDA (51),Y	F578 BPL F575	F57A INY
F57B LDA (51),Y	F57D TAX	F57E INY	F57F LDA (51),Y	F581 STA 52
F583 STX 51	F585 ORA 51	F587 BNE F53E	F589 LDX 59	F58B LDA # 0
F58D PHA	F58E JMP F421	F591 ???		

(+LOOP) <primitive>

F4D2 INX	F4D3 INX	F4D4 STX 59	F4D6 LDA FF,X	F4D8 PHA
F4D9 PHA	F4DA LDA FE,X	F4DC TSX	F4DD INX	F4DE INX
F4DF CLC	F4E0 ADC 1,X	F4E2 STA 1,X	F4E4 PLA	F4E5 ADC 2,X
F4E7 STA 2,X	F4E9 PLA	F4EA BPL F4BA	F4EC CLC	F4ED LDA 1,X
F4EF SBC 3,X	F4F1 LDA 2,X	F4F3 SBC 4,X	F4F5 JMP F4C3	F4F8 ???

(LOOP) <primitive>

F4B1 STX 59	F4B3 TSX	F4B4 INC 1,X	F4B6 BNE F4BA	F4B8 INC 2,X
F4BA CLC	F4BB LDA 3,X	F4BD SBC 1,X	F4BF LDA 4,X	F4C1 SBC 2,X
F4C3 BPL F482	F4C5 BVS F482	F4C7 INX	F4C8 INX	F4C9 INX
F4CA INX	F4CB TXS	F4CC LDX 59	F4CE BVC F4A1	F4D0 ???

OBRANCH <primitive>

F499 INX	F49A INX	F49B LDA FE,X	F49D ORA FF,X	F49F BEQ F484
F4A1 CLC	F4A2 LDA 4E	F4A4 ADC # 2	F4A6 STA 4E	F4A8 BCC F4AC
F4AA INC 4F	F4AC JMP F428	F4AF LDA (F4),Y	F4B1 STX 59	F4B3 TSX
F4B4 INC 1,X	F4B6 BNE F4BA	F4B8 INC 2,X	F4BA CLC	F4BB LDA 3,X
F4BD SBC 1,X	F4BF LDA 4,X	F4C1 SBC 2,X	F4C3 BPL F482	F4C5 BVS F482
F4C7 INX	F4C8 INX	F4C9 INX	F4CA INX	F4CB TXS

F4CC LDX 59 F4CE BVC F4A1 F4D0 ???

BRANCH

F480 F484 Headerless

B118 BS7 FF,FF B11B BS7 FF,FF B11E BS7 FF,FF B121 BS7 FF,FF B124 BS7 FF,FF

EXECUTE <primitive>

F473 LDA 0,X	F475 STA 4C	F477 LDA 1,X	F479 STA 4D	F47B INX
F47C INX	F47D JMP 004B	F480 STY F4	F482 LDX 59	F484 CLC
F485 LDA (4E),Y	F487 ADC 4E	F489 PHA	F48A INY	F48B LDA (4E),Y
F48D ADC 4F	F48F STA 4F	F491 PLA	F492 STA 4E	F494 JMP F428
F497 STA E8F4,Y	F49A INX	F49B LDA FE,X	F49D ORA FF,X	F49F BEQ F484
F4A1 CLC	F4A2 LDA 4E	F4A4 ADC # 2	F4A6 STA 4E	F4A8 BCC F4AC
F4AA INC 4F	F4AC JMP F428	F4AF LDA (F4),Y	F4B1 STX 59	F4B3 TSX
F4B4 INC 1,X	F4B6 BNE F4BA	F4B8 INC 2,X	F4BA CLC	F4BB LDA 3,X
F4BD SBC 1,X	F4BF LDA 4,X	F4C1 SBC 2,X	F4C3 BPL F482	F4C5 BVS F482
F4C7 INX	F4C8 INX	F4C9 INX	F4CA INX	F4CB TXS
F4CC LDX 59	F4CE BVC F4A1	F4D0 ???		

CLIT <primitive>

F45A LDA (4E),Y	F45C PHA	F45D TYA	F45E BEQ F41B	F460 ASL .A
F461 STA 50	F463 LDA 0,X	F465 STA 0051,Y	F468 INX	F469 INY
F46A CPY 50	F46C BNE F463	F46E LDY # 0	F470 RTS	F471 ???

LIT <primitive>

F410 LDA (4E),Y	F412 PHA	F413 INC 4E	F415 BNE F419	F417 INC 4F
F419 LDA (4E),Y	F41B INC 4E	F41D BNE F421	F41F INC 4F	F421 DEX
F422 DEX	F423 STA 1,X	F425 PLA	F426 STA 0,X	F428 BIT 4A
F42A BMI F445	F42C LDY # 1	F42E LDA (4E),Y	F430 STA 4D	F432 DEY
F433 LDA (4E),Y	F435 STA 4C	F437 CLC	F438 LDA 4E	F43A ADC # 2
F43C STA 4E	F43E BCC F442	F440 INC 4F	F442 JMP 004B	F445 BVS F42C
F447 LDA 5B	F449 STA 4C	F44B LDA 5C	F44D STA 4D	F44F LDA #40
F451 STA 4A	F453 LDY # 0	F455 JMP 004B	F458 ???	

OK

VLI

DCL DECOMPLIST DECOMPLIST DECOMPLIST DECOMPLIST ADUMP CFIND VL
 I DLI DECOMPILE DOCOL.DSP CONST.DSP VAR.DSP USERV.DSP BRANCH.DSP
 WORD.DSP PDOTQ.DSP N. HLESS.DSP DOES.ADR CLIT.ADR PSCODE.ADR VAR.
 ADR USERV.ADR CONST.ADR PDOTQ.ADR PLOOP.ADR BRANCH.ADR OBRANCH.ADR
 DOCOL.ADR LIT.ADR LOOP.ADR ENDCASE ENDOF OF CASE NDIS DIS DIS
 ASS DISASSEMBLE #.DSP BIT-ADDRESSING.DSP Z.PAGE,Y.DSP INDIRECT.DSP RE
 LATIVE.DSP ABS.Y.DSP ABS.X.DSP Z.PAGE,X.DSP (IND),Y.DSP (IND,X).DSP
 IMPLIED.DSP ACCUM.DSP ZERO-PAGE.DSP ABSOLUTE.DSP IMMEDIATE.DSP DBYTE.D
 SP BYTE.DSP OPCODE.DSP OFFSET.DSP DOCOL.FLAG WORD.PTR QUIT.FLAG AD
 RESS.CTR (BLOCK) HEX>ASCII SEI CLI ASCII>HEX HEX? ZIFFER? OFF
 ON

TASK	ADMP	;DUMP	FORMAT	FMTRK	BANKEXECUTE	BANKEEC!	BANKC@	BA
NKC!	EEC!	CASE:	MEMTOP	SCDR	SCSR	SCCR	MCR	IER
							IFR	PG
								PF

RSC-Forth.txt

```

PE PD PC PB PA NMIVEC IRQVEC INTVEC INTFLG C,CON .S MON
VLIST INDEX LIST ? . .R D. D.R #S # SIGN #> <# SPACES
WHILE ELSE IF REPEAT AGAIN END UNTIL +LOOP LOOP DO THEN
ENDIF BEGIN FORGET AUTOSTART ?KERNEL HWORD H/C ' SEEK INIT D
WRITE DREAD SELECT DISK R/W B/SCR B/BUF -BCD --> LOAD MESSAG
E >LINE .LINE (LINE) DUMP FLUSH BLOCK BUFFER EMPTY-BUFFERS UPD
ATE +BUF M/MOD */ */MOD MOD / /MOD * M/ M* MAX MIN DAB
S ABS D+- +- S->D COLD ABORT QUIT ( DEFINITIONS ASSEMBLER
FORTH VOCABULARY IMMEDIATE INTERPRET ?STACK DLITERAL LITERAL [COMP
ILE] CREATE ID. ERROR (ABORT) -FIND NUMBER (NUMBER) WORD HOLD
BLANKS ERASE FILL QUERY EXPECT ." (." -TRAILING TYPE COU
NT DOES> <BUILDS ;CODE (;CODE) DECIMAL HEX SMUDGE ] [ COMPIL
E ?CSP ?PAIRS ?EXEC ?COMP ?ERROR !CSP PFAPTR NFA CFA LFA L
ATEST TRAVERSE -DUP SPACE PICK ROT > < U< = - C, , ALL
OT HERE ,/ ALLOT/ HERE/ DP/ 2- 1- 2+ 1+ PAD LIMIT FIRST
C/L KHZ MODE CSP STATE CURRENT CONTEXT SCR BLK PREV USE
UABORT VOC-LINK HEADERLESS DP FENCE WARNING WIDTH OFFSET ULIMIT
UFIRST B/SIDE CYLINDER DISKNO HLD DPL IN CLD/WRM BASE UR/W
UPAD UC/L R0 S0 TIB BL 4 3 2 1 0 USER CODE VARIABLE
CONSTANT ; : C! ! C@ @ TOGGLE +! BOUNDS 2DUP DUP SWAP
2DROP DROP OVER DNEGATE NEGATE D+ + 0< NOT 0= R R> >R
LEAVE ;S RP@ RP! SP! SP@ XOR OR AND U/ U* CMOVE FINIS
SOURCE XOFF XON CR ?TERMINAL KEY EMIT ENCLOSE (FIND) DIGIT
I (DO) (+LOOP) (LOOP) OBRANCH BRANCH EXECUTE CLIT LIT OK

```