## fig<sup>L</sup>FORTH 6809 ASSEMBLY SOURCE LISTING

RELEASE 1.0

WITH COMPILER SECURITY

AND

VARIABLE LENGTH NAMES

THIS MATERIAL, AS WELL AS ANY MATERIAL AVAILABLE FROM THE FORTH INTEREST GROUP (FIG), IS DISTRIBUTED VIA:

FORTH INTEREST GROUP OF SOUTHERN AFRICA PO BOX 29452 SUNNYSIDE, PRETORIA 0132 REPUBLIC OF SOUTH AFRICA

March 1980

This public domain publication is provided through courtesy of FORTH Interest Group, PO Box 1105, San Carlos, CA 94070.

Further distribution must include this notice.

Top y

TTL (C)1980 TALBOT MICROSYSTEMS
STTL 68 FORTH for 6809 : FIG MODEL
OPT PAG,NOC,MAC,NOE

\*\*\* FORTH FOR 6809 by R. J. Talbot, Jr.

80.03.20

\*\*\* TALBOT MICROSYSTEMS

\*\*\* 7209 Stella Link, Suite 112

\*\*\* HOUSTON, TX 77025

This version of FORTH follows the model created by the The FORTH Interest Group (FIG) PO Box 1105, San Carlos, CA 94070

The model is described in a document which may be obtained from them for \$10.00 entitled "fig-FORTH Installation Manual"

This version was developed for a SWTPC 6809 system with FLEX, but all terminal I/O is done by internal code, so it is independent of the rom monitor or operating system such as FLEX.

The only system dependent terminal I/O code which might need changing is the location of the control ACIA port in memory space - the present assignment is to E004 and the data word is the control address + 1.

All terminal I/O is done in three assembly language subroutines:

PENIT - emits a character to terminal

PKEY - reads a character from terminal ( no echo)

PQTERM - tests terminal for a character having been typed

\* The FORTH words for disk I/O follow the model of the FORTH

\* Interest Group - there are both a RAM simulation of disk I/O and real

\* disk I/O of standard FORTH SCREENS. Also, there is an interface

\* which allows input or output using DOS format TEXT files, and

\* there is a link to the DOS command structure so that

\* DOS commands may be executed from FORTH, including read into

\* or write from RAM simulated disk using TAPE or DISK SAVE or LOAD.

\* This 68 FORTH Vers 1.1 assembled machine code program is available of a FLEX 9.0 soft-sectored 5-1/4" diskette or on a 300 baud KCS cassette from TALBOT MICROSYSTEMS for \$39.95. The cassette version may be used in conjunction with the RAM simulation of disk to implement a cassette-only version or to modify the DOS interface to something other than FLEX.

\* Advanced versions are available ( in \* diskette form only) which contains a full 6809 assembler in FORTH, \* a screen oriented FORTH source text editor, and many other \* useful vocabularies -- contact TALBOT Microsystems.

\* This assembly source code is available (on FLEX 9.0 soft sectored 5 1/4" diskette only) — contact TALBOT Nicrosystems.

```
MENORY MAP
i balan and addr
                              contents
                                                             pointer
                                                                          init b
                   **********
          * ***
                                                                        ****
        * 0000
                   COLD start entry point
          * 0003
                   Warm start entry point
         * 0006 ·
                   start of FORTH KERNEL
                   COLD startup parameters, WARM startup parameters
                   common system variables
                   start of FORTH code
                                        register Y.
                                                                        ABORT
       o. d*sidation
                           (W = X after LDX ,Y++ at NEXT) <== W
                   end of FORTH KERNAL diet links to FORTH further up.
          * 1BEF
            2000 -NBLK*(BUFSIZ+4)
                                                                      FIRST, VIREC
                 NBLK buffer sectors of VIRTUAL MEMORY
               initialized with NBLK=4 so VIRBGN = 1BFO
            2000
                                                                     VIREID
                   registers and pointers for FORTH
            2020 USER #1 table of variables
                                                          <== UP
                                                                       UPINT
            2050
                   "FORTH" ( a word )
                                                           <==CONTEXT
                                                          ---CURRENT
            207 E
                   "TASK" ( a word marking end of dict.)
           2xxx
                                                           <== DP
                                                                        DPINIT
            2xxx
                   dictionary grows |
                                up
                                towards higher memory
                                towards lower memory
                             down
           2F30
                  DATA stack grows |
                                           register U
                                                         <== SP
                                                                     SPO, SINIT
           2F30
                                                         <== IN
                                                                     TIB
                      INPUT LINE BUFFER
                      holds up to 132 characters and
                      is scanned upward by IN starting
                      at TIB
           2FB4
           3000
                     RETURN stack base
                                          register S
                                                       <== RP
                                                                     RINIT
                                                                    LO DSHBON
                     space to simulate a disk mass memory
          * 4000
                                                                     HI, MEHTOP
                                                                       TOPHEH
                 PAG
```

0004 NBLK SET f of disc buffer blocks for virtual memory 0100 BUFSIZ EQU 256 f of bytes per disk sector 0000 PRGBGN EQU \$0000 beginning of FORTH program, COLD entry point, WARH entry point is PRGBGN + 3 1BF0 VIRBGN VIREND-NBLK\*(BUFSIZ+4) assigns space for 4 EUFFERS SET 2000 VIREND EQU \$2000 end of virtual memory buffers block is BUFSIZ+4 bytes in size, holding BUFSIZ characters each plus 4 bytes of control info 2000 USREGN EQU \$2000 beginning of user space 3000 USREND EQU \$3000 end of user space, above is for disc sim 3000 DSMBGN begin of space available for disc simular EQU \$3000 4000 DSMEND EQU \$4000 end of memory available for disc simulation 3000 MEMEND EQU DSMBGN 4000 MEMTOP EQU

PAG

DSMEND

```
(C)1980 TALBOT MICROSYSTEMS
                                  4-20-80 TSC ASSEMBLER
                                                        PAGE
68 FORTH for 6809 : FIG MODEL
                     CONVENTIONS USED IN THIS PROGRAM ARE -
       allegard house. * IP -- register Y points towards the next word to execute
  ( mid Land ) SP = register U points to LAST BYTE on the data stack
         * RP · = register S points to LAST WORD on return stack
          The mide * register X is used as a general index register for pointing
                                  at things. For some indexing purposes, Y,U, or S are
                        saved so X and Y, U, or S may be used at same time.
inga ji jinawa,izak 🖜 🗀
sales sensely so weeks W we upon entry to a word, X = W = location of word containing
   Lighting well with it is the call address of code to execute.
  and that has all to a continue to
        . DESER (3 So * When A and B are used seperately, in order to maintain compatibilit
                               with D. register, A contains high byte, B the low byte.
                  ******* MACRO for creating dictionary headers *******
     Constant # 0000 - LASTNM - SET - - 0 -
                         MACRO
                  WORDM
                  NEXTNM SET *
                       IFC &4, IIMEDIATE
                          FCB &1+$C0
                  * 1st byte is no of char with sign and immed bit on if IMMEDIATE
           EZHENGÎ VÎ GAN ELSE
               TOB FCB
                                &1+$80
                   ENDIF
                   IFNC -
                                61,1
                    FCC
                                `&2`
                         ENDIF
      (a) have every * if more than one char, then all but last in here
          then last has sign bit set
                         FCB
                                $80+~&3
                  LASTNI LASTNI
                  LASTNM SET NEXTNM
                         IFC
                                &5,USER
      Same 1888 - 188 &634
                         FDB DOUSER
                                         TSC assembler gives error message -- IGNORE
   ILLEGAL LABEL
        FDB &7-UORIG
           No are served to ENDIF
                         ENDM
                                        Structure of a header:
                         PAG
                                                                 - LFA
```

```
2000
                              ORG
                                     USRBGN
                                                variables ....
 2000
                     N
                              RMB
                                     10
                                               used as scratch
 200A
                     UP
                              RMB
                                     2.
                                               the pointer to base of current user's
                                                    ... USER table ( for multi-tasking)
                           This system is shown for one user, but additional ones
                           may be added by allocating additional user tables and
                           words for switching the pointer between them.
                           Alternatively, with SUTP SBUG dynamic memory assignment, it woul-
                           be possible to have a memory management procedure in KERNAL which
                           switches various USER 4k blocks in and out of this low space
                           Some of the next/ stuff is initialized during COLD and WARM start:
                           Names correspond to FORTH words of similar (no X) name.
 200C
                     UORIG
                             RHB
                                     6.
                                               3 reserved variables
                        INIT ON COLD START
 2012
                     XFENCE
                             RHB
                                    2 .. . .
                                               fence for FORGET
 2014
                     XDP
                             RMB
                                               dictionary pointer
 2016
                    XVOCL
                             RMB
                                    2
                                               vocaabulary linking
 2018
                    XACIA
                             RMB
                                    2
                                               address of acia port
 201A
                    XDELAY
                             RMB
                                    2
                                               carriage return delay count (* of nulls)
 201C
                    XCOLUM
                             RMB
                                    2
                                               carriage width
201E
                    XBKSP
                             RMB
                                               backspace character
201F
                    XBKSPE
                             RHB
                                               backspace echo --
2020
                    XLINDL
                             RMB
                                               line delete character
2021
                    XLINDE
                             RHB
                                    1
                                               line delete echo
                       INIT BELOW ON
                                       COLD OR WARM
2022
                    XSPZER
                             RMB
                                    2
                                               initial top of data stack for this user
~724
                    XTIB
                             RMB
                                    2
                                               start of terminal input buffer
_J26
                    XRZERO
                            RHB
                                    2
                                               initial top of return stack
2028
                    XFINA
                            RMB
                                    2
                                              address of input file FCB
202A
                    XFOUTA
                            RHB
                                    2
                                              address of output; file FCB
202C
                    XWIDTH
                            RMB
                                              name field width ...
202E
                    XMSGBS
                            RMB
                                    2
                                              Base SCReen number for messages and GO
2030
                    XWARN
                            RMB
                                    2
                                              warning message mode ( 0 = no disk)
                    * END OF INITIALIZED PARAMETERS
2032 0000
                    XBLK
                            FDB
                                    0
                                              disc block being accessed
2034 0000
                    XIN
                            FDB
                                    0
                                              scan pointer into the block
2036 0002
                    XOUT
                            FDB
                                    2
                                              cursor position
2038 0000
                    XSCR
                            FDB
                                    0
                                              disc screen being accessed (0 = terminal)
203A 0000
                    XOFSET
                            FDB
                                    0
                                              disc sector offset for multi-disc ...
203C 207E
                    XCONT
                            FDB
                                    TASK-7
                                              last word in primary search vocabulary
203E 207E
                    XCURR
                            FDB
                                   TASK-7
                                              last word in extensible vocabulary
2040 0000
                    XSTATE
                            FDB
                                   0
                                              flag for 'interpret' or 'compile' modes .
2042 000A
                    XBASE
                            FDB
                                   10
                                              number base for I/O numeric conversions
2044 0002
                    XDPL
                            FDB
                                   2
                                              decimal point place
2046 0000
                   XFLD
                            FDB
                                   0
2048 0000
                   XCSP
                            FDB
                                   0
                                              current stack position, for compile checks
204A 0000
                   XRNUM
                            FDB
                                   0
204C 0000
                   XHLD
                            FDR
                                   0
204E 0000
                   · IOSTAT
```

FDB

0

last acia status from write/read

68 FORTH for 6809 : FIG MODEL

PAGE

\* END OF USER TABLE

•			
*** 2050 C5	Beginning of variab	le dictionary entries	
2051 46 4F 52 54	FCB \$C5 FCC "FORT"	5, IMEDIATE	
2055 C8	FCB \$80+'H		•
2056 1A34	FDB NOOP-7	LINK "BACK" No	OB FOR NEXT
TOOK OVOU TOWN TOWN FOR	TH . FDB . DODOES DO	OVOC. \$81AO TASKAA	
LOJU OINU ZUIE	· -	, and justice the second	
2060 0000 2062 28 43 29 20	FDB 0	virus in the second	·
166 54 61 6C 62	FCC (C) Talb	oot Microsystems 1980"	
06A 6F 74 20 4D		A	
206E 69 63 72 6F		and the state of	
2072 73 79 73 74	a site of the		
2076 65 6D 73 20	•	•	
207A 31 39 38 30			į.
207E 84 TASK	CAA FCB \$84	<del>-</del>	
207F 54 41 53 2082 CB	FCC "TAS"	The state of the s	
2083 2050	FCB \$80+'K FDB FORTH-8		
000E 0050 0000		link "back" to FORTH	•
	FDB DOCOL, SEM	IS	
LUUS REALD	May Eye Jaka" a referen	( first empty location	in dictionary)

## HEADER

\$XY Y LENGTH of NAME NAME WITH HIT BIT SET ON LAST CHAR.

: FORTH ADODOES Dovoc-

Shally work has their in gran o

orate madi and come

y and the second of the second

initial fence at TASK cold start value for DP location in dict. cold start for VOC-LINK 0027 2060 VOCINT FDB FORTH+8 0029 E004 ACIAI FDB \$E004 initial location of acia port 0028 0008 DELINT FDB 8 initial carriage return delay 002D 0050 COLINT FDB 80 initial terminal carriage width 002F 08 BACKSP FCB \$08 character to indicate backspace 0030 08 BACKEC FCB \$08 character to echo for backspace 0031 18 LINDEL FCB \$18 character to indicate line delete 0032 18 LINDEC FCB \$18 character to echo for line delete 0033 1BF0 XVIRBG FDB VIRBGN 0035 2000 XVIRED FDB VIREND

> DSMEND \* END COLD START INITIALIZATION AREA

DSMBGN

\* THE FOLLOWING USED TO INITIALIZE USER AREA ON WARM OR COLD START 003B 2F30 USREND-\$DO initial top of data stack SINIT FDB 003D 2F30 TIBINT FDB USREND-\$DO terminal input buffer 003F 3000 RINIT FDB USREND initial top of return stack 0041 0000 FDB FINA n initialize no input file FCB 0043 0000 FOUTA FDB 0 no output file FCB 0045 001F WIDINT FDB 31 init name field width 0047 0028 MSGBAS FDB 40 init base SCReen number for messages and GO 0049 0001 WRNINT FDB 1 init warning mode (0= no disc) \* END WARM+COLD INITIALIZATION AREA

\* system variables 004B XUSE RMB . 2 004D XPREV RMB 2 PΛG

XDSMBG

XDSHED

FDB

FDB

0037 3000

```
Start of FORTH Kernel
                                   D .
004F 37
          06
                    PULLDX
                            PULU
                                             15 cycles to NEXT
                                   , x ··
0051 ED
          84
                    STOREX
                            STD.
                                             8
          22
0053 20
                            BRA
                                   NEXT
                                   ,X
0055 EC
          84
                    GETX
                            LDD
                                             15 cycles to NEXT
0057 36
          06
                   PUSHD
                            PSHU
                                   D
0059 20
          10
                            BRA
                                   NEXT
                    * Here is the IP pusher for allowing nested words
                     ;S is the equivalent unnester
005B
                            WORDM 1,,:,IMMEDIATE
005F 0073 0A51 COLON FDB DOCOL, QEXEC, SCSP, CURENT, AT, CONTXT, STORE
0063 0A0D 0877
0067 06A7 0869
006B 06BF
006D OF7D OAD2
                                   CREATE, RBRAK, PS CODE
                           FDB
0071 0B21
                           š., 4
0073 34
          20
                   DOCOL
                           PSHS
                                             save present IP on ret stack RP
                                  2,X
0075 31
          02
                           LEAY
                                             kick Y up to first param after CFA in W=X
                   * LBRA NEXT JUST DROP ON THROUGH T NEXT
                      NEXT takes 14 cycles
                   **** BEGINNING OF SIMULATION OF VIRTUAL FORTH MACHINE
0077 AE
                   NEXT
                           LDX
                                   ,Y++
                                             get W to X and then increment Y=IP
                   * the address of the pointer to the present code is in X now
                   * if need it at any time, it may be computed by LDX -2,Y
J079 6E
          94
                   NEXT3
                           JMP
                                             jump indirect to code pointed to by W
                   ***
                         END OF SIMULATION OF THE VIRTUAL FORTH MACHINE
007B
                           WORDM
                                  2,;,5
0080 0082
                                  *+2
                           FDB
                   SEMIS
0082 10AE E1
                   PSEMIS
                           LDY
                                   ,5++
                                             reset Y=IP to next addr and drop frm S=RP
0085 20
                           BRA
                                  NEXT
                           PAG
```

FDB

FDB

FDB

LIT, XDELAY, AT, ZBRAN

LIT, XDELAY, AT, ZERO, XDO

CRE-\*

011A 01E7 201A

011E 06A7 020B

0124 01E7 201A

0128 06A7 076B

0122 0014

```
(C)1980 TALBOT NICROSYSTEMS NELGHER 4-20-80 TSC ASSENBLER PAGE
68 FORTH for 6809 : FIG MODEL
 012C 0261
 012E 076B 00B3
                  CR2
                         FDB
                                ZERO, EMIT, XLOOP
 0132 0228
 0134 FFFA
                         FDB
                                CR2-*
 0136 0080
                  CRE
                         FDB -
                                SEMIS
 0138 FF
                  IFCOLD FCB.
                                $FF
 0139
                         WORDM 4, COL, D
          COLD FDB *+2

CENT LDU DPINIT
 0140 0142
 0142 DE
                                      top of destination
 0144 8E 11C9
                       LDX FERAM
                                       top of stuff to move
         82 COLD2 LDA ,-X
- 0147 A6
 0149 A7
          C2 ·
                                ,-U ·
                         STA
 14B 8C
         1190
                               #RAM
                        CPX
          F7
 014E 26
                         BNE
                               COLD2
 0150 86
          FF
                         LDA ·
                              #SFF
 0152 B7
          0138
                         STA
                             IFCOLD
 0155 10DE 35
               LDS XVIRED
                                        put stack somewhere safe
 0158 9E
          35
                    LDX
                             XVIRED
                                        , s - 1 t - - - -
 015A BF
          07A6
                         STX
                              LIMIT+2
                                         Tall.
 015D 9E
          33
                             XVIRBG
                       LDX
                                         to built of
 01'5F 9F
          4B
                              XUSE
                        STX
 0161 9F
          4D
                         STX XPREV
0163 BF
          07 9A
                        STX
                               FIRST+2
0166 86
          00
                        LDA
                              #0
0168 A7
                COLD8 STA
          80
                               ,X+
016A 9C
          35
                        CMPX
                               XVIRED
 016C 26
         FA
                         BNE
                               COLD8
016E.A7
          84
                         STA .
                               ,X
0170 9E
         39
                        LDX
                               XDSMED
 0172 BF
          1862
                        STX
                               HI+2
 175 9E
         37
                        LDX
                               XDSMBG
 77 BF
         1859
                        STX
                              LO+2
UITA CE
         2022
                        LDU
                              #XLINDE+1, . ....
017D 8E
         0033
                        LDX
                               ¢LINDEC+1
0180 Λ6
         82
                 COLDZ
                        LDA
                               ,-X
0182 A7
         C2
                        STA
                               , -U
0184 8C
         0023
                        CPX
                               #FENCIN
0187 26
         F7
                        BNE
                               COLDZ
0189 20
         09
                        BRA
                               WENT
018B
                        WORDM 4, WAR, M
0192 0194
                 WARM FDB
                               *+2
0194 CE
         2032
                 WENT LDU
                               #XWARN+2
0197 8E
         004B
                        LDX
                               ∲WRNINT+2
019A A6
         82
                 WARM2
                       LDA
                               ,-X
019C A7
                       STA
                              ,-U
         C2
019E 8C
                       CPX
                              #SINIT
         003B
01Al 26
                       BNE
         F7
                              WARM2
01A3 FE
         2022
                       LDU
                              XSPZER U is SP
01A6 9E
         21
                       LDX
                              UPINIT
QIAB BF
         200A
                       STX
                                      init user pointer
 AB 108E 1122 LDY ABORT+2 Y is IP, init to first instruc in ABORT 12 INTSPC NOP
01AF 12
```

				and the state of	re ten		1.14				
					•			•	10-		_
								• ,	-3		
		•						. /	Q.		
(c	LIGED TA	TEOT MICE	ROSYSTEMS								ing of h
68	FORTU E	or 6809			4-20-80	TSC ASS	EMBLER	PAGE/ (	9 /	uraga A	Tana Tananan
00	rokin i	or 6809	: FIG MO	DEL						5 2 24 s	,937 <b>a</b> •
_			•					/			
	12C 026							/		1.800	22 10
(	12E 076	E 00B3	CR2	FDB	ZERO, EMI	T VIOOD	£7 : (	/ / / / A S.M.	1,494	CASU	0128
	132 022			A DD	beno, ent.	, ALUUP					5810
	134 FFF.										MAIN
	136 008			FDB	CR2-*	** *	#114 £	/			
		U	CRE	FDB	SEMIS	21114	1.07/	797		0000	9411
	138 FF		IFCOLD	FCB	\$FF	y + A	~ / <u>:</u>	er a negyfig		3 T	6.110
	139			WORDM	4,COL,D	1 A	- <i>904</i> /30	¥			01276
C	140 014	2	COLD	FDB	*+2		/ / / · · · · · · · · · · · · · · · · ·	y a Yaith		0010	53.5 B
0	142 DE	25	CENT	LDU				er e	• •		2010
	144 8E	1109	CERT		DPINIT		destina		Tallet Zalvani v	*:*	33 14
	147 A6			LDX	<b>₽ERAM</b>	top of	stuff t	o move	1		1810.
		82	COLD2	LDA	,-X		/ 253		10	À Å	_
	149 A7	C2		STA	, – U	· 🔻 /	4 1 2		10	. €£	
	14B 8C	1190		CPX.	<b>₽</b> RAM	· · / ·			3211	7.7	15 17
· '0	14E 26	F7		BNE	COLD2	10 m/s 14	W. F.	_	13	25	2717
0	150 86	FF		LDA	#\$FF	1/1.55%	•		. 4	8.8	0000
0	152 B7	0138		STA	·				e esta	¥50	25(0
	155 10DE			LDS	IFCOLD			_		Section	7 1 A
	158 9E	35			XVIRED	put sta	ick some	where saf	e	era	19 (D
	15A BF		**	LDX	XVIRED				1 i.		- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
		07A6		STX	LIMIT+2/		1 1 4		3.45		
	15D 9E	33		LDX	XVIREG /	21 A	: •		3	7.7	0.1
	15F 9F	4B		STX	XUSE /	• * * * * *			$v_{ij}$	7,6	
	161 9F	4D		STX	XPREV	118	× 4.		55	30	(all
0	163 BF	07 9A		STX	FIRST+2	* * * . *. \$ . \$ . 4	***		70.00	4.1	2310
0	166 86	00		LDA	#0		. Ail I		63	,533	5510
	168 A7	80	COLD8		1 /	_ ^*/ *	. /9// 1	State to fire.	V. 1		8710
	16A 9C		COTIDO	STA	X+	= * *	. Selection				
		35		CMPX	XVIRED	49.78	. Service and a service of		₹.		5010
	16C 26	FA		BNE	COLD8	972 1 4 2 5 1	\$ 1.45(P)		3.5	-15	J947
	16E A7	84		STA /	´ ,x		s <del>o</del> g j		33	5.2	, n/44
0.	170 9E	39	$-\ell$	LDX /	XDSMED				₹.7	** *	
0	172 BF	1862	, , , , , , , , , , , , , , , , , , ,	STX	HI+2		1		5201	7.1	5110
0.3	75 9E	37	•	LDX		77.5 7 3 7		*	1.7	1:1	.; <b>(4)</b>
	77 BF	1859			XDSMBG	111 111			6131		411
	7A CE			s/fx	L0+2	i, m					
	7D 8E	2022	••	LDU	fXLINDE+1				2022		ATTO
		0033	/	LDX	#LINDEC+1	n surfesi	T.		6500		0170
	80 A6	82	COLDZ/	LDA	,-X	S +4	, . MIJ	SC 3 (X)	[28]		67.14
	82 A7	C2		STA	, – U	1,1	, ATP		72	57	3840
	84 8C	0023	/ .	CPX	<b>FFENCIN</b>	a vita <del>a</del> '			P (2 / N )	٠, ٠,	1.50
01	87 26	F7		BNE	COLDZ		γ . Ç <sup>†</sup> .		t - •	73	1. 4. 1
01	89 20	09	/ /	BRA	WENT				0 (		1810
01	8B			WORDM		in the second of	Ar og præsti	:			601
	92 0194		/ TTA DA		4,WAR,M					5 m 7 %	re (n
	94 CE	/	WARM	FDB	*+2	<u> </u>					
		2032	WENT	LDU	<b>\$XWARN+2</b>		<b>!</b>	[**!1.1***			5610
	97 8E	004B /		LDX	#WRNINT+2	***, 111	Y.	• !	0.400	33	(P i ()
	9A A6	82	WARM2	LDA	,-x	•			2013	17.75	AC (G
01	9C A7	C2 /	<del></del>	STA	, -U				s o		
	9E 8C	0033		CPX		4 4 7 9 7 1			្ត ក្រុក ក្រុក្ស		<b>1</b> 0 11
	A1 26	F/1/			<b>#SINIT</b>						
n1	A3 FE	, ,		BNE	WARI12				وره خو د در دور است در در دور است در		
		/2/022		LDU		U is SP			5708		
	A6 9E	/21	•	LDX	UPINIT				į ·.		, , ,
	A8 BF//	200A		STX	UP . A	init use	r point	er	40th/1	or grown	8410
	ab 1,08e	1122		LDY	<b>#</b> ∧BORT+2	Y is TP	init	o first i	nstruc	n A no	rT 🛴
01	AF /12		INTSPC	NOP	· · · · -	,	, <u></u>				***
	_ /										

```
(C)1980 TALBOT MICROSYSTEMS
                                 4-20-80 TSC ASSEMBLER
                                                              PAGE
                                                                     10
68'FORTH for 6809 : FIG MODEL
 01B0 12
                             NOP
                                              here is place to jump to special
 01B1 12
                             NOP
                                               initialization routines
>01B2 16
                                    RPSTOR+2
            0025
                             LBRA
 01B5 /
                             WORDM
                                    3,SP,@
 O1BB O1BD State of SPAT FDB * *+2
 01BD 30 a C4 to become ward LEAX.
                                    , U
                                              X = VALUE OF SP
 01BF 36
          10
                             PSHU
                                    X
 01C1 16
                                            DGO TO [Y] (ABORT, $1122)
           FEB3
                             LBRA
                                    NEXT
 01C4
                             WORDM
                                    3,SP,1
                                    *+2
 01CA 01CC
                     SPSTOR FDB
  2100 FEED 2022Hoppu norm forLDU : 1
                                    XSPZER
   CF 16 FEA5
                             LBRA
                                    NEXT
 T 12
                             WORDM
                                    3,RP,1
· 01D8 01DA
                     RPSTOR FDB
                                    *+2
                           LDS
 01DA 10FE 2026
                                    XRZERO
                                              initialize S=RP from constant
 01DE 16 FE96
                             LBRA
                                    NEXT
 01E1
                            WORDM
                                    3,LI,T
                                              NOTE: this is different from LITERAL
                    LIT '
 01E7 01E9
                            FDB
                                    *+2 · · ·
 Oleg jech Ali abakt arada LDD 664 ,Y++ :
                                             get word pointed to by Y=IP and increment
           FE69
 01EB 16
                            LBRA
                                    PUSHD
                                              push D to data stack and then NEXT
 OIEE OIFO
                     CLITER FDB
                                    *+2
                                              this is an invisible word with no header
                                    ,Y+
 01F0 E6
           ΑO
                             LDB
 01F2 4F
                             CLRA
 01F3 16
           FE61
                            LBRA
                                    PUSIID
 01F6
                            WORDM
                                    6, BRANC, H
 01FF 0211
                     BRAN
                            FDB
                                    ZBYES
                                              go steal code in ZBRANCH
 0201
                            WORDM
                                   7.0BRANC.H
 020B 020D
                     ZBRAN
                            FDB
                                    *+2
 020D EC
           Cl
                            LDD
                                    ,U++
                                              get quantity on stack and drop it
 20F 26
           09
                             BNE
                                    ZBNO
   41 1F
           20
                     ZBYES
                            TFR ·
                                    Y,D
                                             puts IP = Y into D for arithmetic
                                    ,Y
    3 E3
           Λ4
                            ADDD
                                              adds offset to which IP is pointing
 0215 1F
           02
                                   D,Y
                             TFR
                                              sets new IP
 0217 16
           FE5D
                            LBRA
                                    NEXT
 021A 31
           22
                     ZBNO
                            LEAY
                                   2,Y
                                              skip over branch
 021C 16
           FE58
                            LBRA
                                    NEXT
 021F
                            WORDM
                                   6,(LOOP,)
 0228 022A
                    XLOOP FDB ** *+2
 022A CC
           0001
                            LDD
                                    #1
                                              set inc cntr to 1 and steal other code
 022D 20
           0E
                            BRA
                                    XPLOP2
 022F
                                   7,(+LOOP;)
                            WORDM
 0239 023B
                    XPLOOP
                            FDB
                                    ×+2
 023B 37
           06
                            PULU
                                    D
 023D 4D
                    XPLOP2
                            TSTA
 023E 2A
                           BPL
           0E
                                   XPLOF
                                              forward loopint
                                   , S
 0240 E3
           E4
                            ADDD
                                              add D to counter on RP=S
                                    , S
 0242 ED
           E4
                            STD
                                    $$1
 0244 1C
           01
                            ANDCC
                                              set c bit
 0246 E2
           63
                            SBCB
                                    3,5
 0248 A2
                            SBCA
                                   2,5
           62
 C A 2A
           C5
                            BPL
                                   ZBYES
 024C 20
                            BRA
           08
                                   XPLONO
                                              fall thru
```

```
(C)1980 TALBOT MICROSYSTEMS
                                                                                        4-20-80 TSC ASSEMBLER
                                                                                                                                                                            PAGE
                                                                                                                                                                                                11 coupy or compagages
68 FORTH for 6809 : FIG MODEL
                                                                                                                                                                               កស់ស្ពាល ស្នង ១០០០៩ ៩៩៦ ដែលប្រវាគ
     024E E3
                                                                                                     , S
                                 E4
                                                                                                                                        XPLOF
                                                                                 ADDD
                                                                                                     , S
     0250 ED
                                 E4
                                                                                 STD
                                                                                                                                                                                                                                         A 1 34 15
     0252 A3
                                                                                                     2,5
                                 62
                                                                                  SUBD
     0254 2B
                                 BB
                                                                                 BHI
                                                                                                     ZBYES '
     0256 32
                                 64
                                                          XPLONO
                                                                                 LEAS
                                                                                                     4.5
                                                                                                                                 drop 4 bytes of counter, and limit of the sound
    0258 20
                                 C0
                                                                                 DRA .
                                                                                                     Z BNO
                                                                                                                                 use ZBRAN to skip over unused delta
    025A
                                                                                 WORDM
                                                                                                    4,(DO,)
                                                                                                                                 A STATE OF THE STA
    0261 0263
                                                          XDO
                                                                                 FDB
                                                                                                     *+2
    0263 37
                                 06
                                                                                 PULU .
                                                                                                    D
                                                                                                                                 counter
    0265 37
                                                                                                                                limit and a second process of the
                                 10
                                                                                 PUI.U
                                                                                                    X
   0267 34
                                                                                                    X,D
                                 16
                                                                                 PSIIS
                                                                                                                                 X goes first, so becomes second on RP=S
                                                                                                    NEXT
     J269 16
                                FEOB
                                                                                LBRA
                                                                                                                                                   1,,1
    026C
                                                                               WORDM
   0270 0272
                                                                                FDB
                                                                                                    *+2
                                                                                                                                                                                                                                       410 BUTO
                                                                                                    ,s ''
    0272 EC
                                E4
                                                                                LDD
                                                                                                                                get counter from RP
                                                                                                                                                                                                                      THE RESERVED
    0274 16
                                FDE0
                                                                                LBRA
                                                                                                    PUSHD .
    0277
                                                                                WORDM
                                                                                                    1,,,
    027B 027D
                                                         J
                                                                               FDB
                                                                                                    *+2
    027D EC
                                64
                                                                               LDD
                                                                                               4.5
                                                                                                                                get second counter above limit for first second
    027F 16
                                FDD5
                                                                               LBRA
                                                                                                                                The figure of the control of the property of the control of the co
                                                                                                    PUSHD
    0282
                                                                               WORDH
                                                                                                   1,,K
    0286 0288
                                                         K
                                                                               FDB
                                                                                                    *+2
                                                                                                                                                                                                                    e oz ar bribi
    0288 EC
                                68
                                                                               LDD
                                                                                                   8,8
                                                                                                                                get third counter
                                                                                                                                                                                                                                        48 8519
    028A 16
                                FDCA
                                                                               LBRA
                                                                                                   PUSHD
                                                                                                                                                                                                                 CARR AF LINA
                                                                                                                                 grower . Arm
   028D
                                                                                                   5,DIGI,T
                                                                               WORDM
   0295 0297
                                                         DIGIT
                                                                                                                                                                                         jugar.
                                                                                                   *+2
                                                                               FDB
   0297 A6
                                43
                                                                               LDA
                                                                                                   3,0
                                                                                                                                second item is char of interest
                                                                                                                                                                                                                                       1000
   0299 80
                               30
                                                                               SUBA
                                                                                                                               ascii zero po pompje di
                                                                                                   #$30
   029B 2B
                               1 B
                                                                                                                               if less than '0', ILLEGAL
                                                                               BHI
                                                                                                   DIGIT2
                                                                                                                                                                                                                            10 30 marc
   029D 81
                               OΛ
                                                                               CMPA
                                                                                                   $$Λ
     29F 2B
                               0A
                                                                              BMI
                                                                                                  DIGITO
                                                                                                                               if '9' or less
   U2A1 81
                               11
                                                                              CMPA
                                                                                                  #$11
                                                                                                                                                                                                                           10
                                                                                                                                                                                                                                         18 E. /
   02A3 2B
                               13
                                                                              BMI
                                                                                                  DIGIT2
                                                                                                                               if less than 'A'
                                                                                                                                                                                                                          Ç14
  02A5 81
                               2B
                                                                                                                              if greater than Z' translate 'A' thru 'Z'
                                                                              CHPA
                                                                                                  #$2B
                                                                                                                                                                                                                     833
                                                                                                                                                                                                                                          0212 16
   02A7 2A
                               0F
                                                                              BPI.
                                                                                                  DIGIT2
                                                                                                                                                                                                                      $1.5
                                                                                                                                                                                                                                          17, 1151
  02A9 80
                              07
                                                                                                 ₽7.
                                                                              SUBA
                                                                                                                                                                                                                      OZAB AI
                              41
                                                       DIGITO
                                                                             СИРА
                                                                                                  1.0
                                                                                                                                                                   1 415 Marie 1
  02AD 2A
                              09
                                                                                                  DIGIT2
                                                                              BPL
                                                                                                                               if not less than base groups
  02AF C6
                              01
                                                                              LDB
                                                                                                  $1
                                                                                                                                                               建物外的 医动脉冲线
  02B1 A7
                              43
                                                                                                  3 ,U
                                                                              STA
                                                                                                                                                                                                                        #164 AS
  02B3 E7
                              41
                                                                                                  1 , U
                                                       DIGITI
                                                                              STAB
                                                                                                                              store flag
  02B5 16
                              FDBF
                                                                              LBRA
                                                                                                 NEXT
  02B8 5F
                                                       DIGIT2
                                                                              CLRB
                                                                                                                                                                                                                                          医子二性牙类的
  02B9 33
                              42
                                                                              LEAU
                                                                                                                                                               2,0
                                                                                                                             pop top off
  02BB E7
                              C4
                                                                              STAB .
                                                                                                 0.0
                                                                                                                             make sure both bytes 0
                                                                                                                                                                                                                                         115 1800
  02BD 20
                              F4
                                                                              BRA
                                                                                                 DIGITI
                                                                                                                                                      established to the second
                                                                                                                                                                                                                                         13 011
                                                                                                                                                                                                                           1 1 1
  02RF
                                                                             WORDM
                                                                                                 6,(FIND,)
                                                                                                                                                                                                                           13
  02C8 02CA
                                                       PFIND
                                                                                                 *+2
                                                                             FDB
                                                                                                                                                                                                                                          17.3
                                                                                                                                                                                                                          173
                                                                                                                                                                                                                                                   5 A 60 3
                                      2000
                                                      PD
                                                                             EQU
                                                                                                 11
                                                                                                                                                                                                                                          67 335 B
                                      2002
                                                     PA0
                                                                             EQU
                                                                                                 N+2
                                                                                                                                                                                                                           作者 电流转换
                                      2004
                                                     PA
                                                                             EQU
                                                                                                N+4
                                      2006 PCHR
                                                                             EQU.
                                                                                                 N+6
```

```
(C)1980 TALBOT MICROSYSTEMS 4334 4-20-80 TSC ASSEMBLER
                                                              PAGE
                                                                      12
68 FORTH for 6809 : FIG MODEL
 02CA 34
            20
                             PSIIS
                                    Y
                                               save Y
 02CC 37
            30
                     PFINDO PULU X,Y
 02CE 10BF 2002
                       Large STY For PAO end
                                            X is dict ptr Y is ptr to word that finding
                               *
 02D2 E6
            80
                     PFIND1 LDB
                                     ,X+
                                               get count from dict
 02D4 F7
            2006
                             STAB-
                                    PCIIR -
 02D7 C4
            3F
                             ANDB
                                    ₽$3F
                                              mask sign and precidence
 02D9 10BE 2002
                             LDY
                                    PA0
 02DD E1
           A0
                             CMPB 5
                                    0,Y+
 02DF 26
            18
                             BNE
                                    PFIND4
                                              not equal
 02E1 A6
            A0
                     PFIND2 LDA
                                    ,Y+
  E3 6D
            84
                                    , X
                             TST
                                              is dict entry neg?
   €5 2A
           OE
                             BPL .
                                    PFIND8
 ∪∠E7 8A
           80
                             ORA
                                    #$80
                                              make A neg also
 02E9 A1
           80
                                    , X+
                             CMPA
 02EB 27
           12
                             BEQ
                                    FOUND.
 02ED AE
           84
                    PFIND3
                             LDX :
                                    0,X
                                              get new link in dict
 02EF 26
           El
                             BNE
                                    PFIND1
                                              continue if new link not = 0
                        not found :
 02F1 1F
           10
                 battle day and TFR and X, D .
 02F3 20
           14
                             BRA
                                   PFINDE
 02F5 A1
           80
                    PFIND8 CMPA
                                    ,X+
 02F7 27
           E8
                            BEQ
                                   PFIND2
                    PFIND4 LDB ... 1,X+... scan forward to end of name
 02F9 E6
           80
02FB 2A
           FC
                            BPL
                                   PFIND4
02FD 20
           EE
                            BRA
                                   PFIND3
                    * found:
02FF 30
                            LEAX 34,X point to parameter field
                   FOUND
    F6
           2006
                            LDB
                                   PCHR
C 4 4F
                            CLRA
36 كاد0
           16
                            PSHU
                                   X,D
                                             X goes first
·0307 C6
           01
                            LDB
                                   #1
0309 35
           20
                    PFINDE PULS
                                  . . Y
030B 16
           FD49
                                   PUSHD
                            LBRA
030E
                            WORDM 7, ENCLOS, E
                    * NOTE: FC means offset (bytes) to First Character of next word
                                  11
                                          to End of next Word
                             EW
                                             to Next Character to start next enclose at
                             NC
0318 031A
                   ENCLOS
                            FDB
                                   *+2
031A 37
          06
                            PULU
                                             get char off stack to use as delim into B
                                   D
031C AE
          C4
                            LDX
                                   ,U
                                            addr to begin
031E 7F
          2000
                            CLR
                                   N
0321 F7
                            STB
                                             save delim to use
                                   N+1
                   * wait for a non-delimiter or NUL
0324 A6
          84
                   ENCL2
                            LDA
                                   0,X
0326 27
          2A
                            BEQ
                                   ENCL6
0328 B1
          2001
                           CMPA
                                   N+1
                                             check for delim
032B 26
          07
                           BNE
                                   ENCL3
0 30
          01
                           LEAX
                                   1,X
03∠F 7C
          2000
                           INC
                                   N
```

```
(C)1980 TALBOT MICROSYSTEMS 4-20-80 TSC ASSEMBLER PAGE OF 13 THE FAMILY OF THE CONTROL OF THE PAGE OF 
       0332 20
                                     F0
                                                                                        BRA
                                                                                                         ENCL2
                                                                                                                                                                                                                  nt. At vi-
                                                                * found first character, Push PC ** ** ** ***
                                                               ENCL3 LDB N found first character
       0334 F6
                                      2000
       0337 4F
                                                                                        CLRA
       0338 36
                                                                                       PSHU D
                                                                                                                                                                                                                               2016
                                                                * wait for a delimiter or NUL
                                                                                                                                                                                                                                                    AD LOSS
                                                               ENCL4 LDA ,X+
BEO ENCL7
                                     80
       033A A6
                                                                                                                                                                                                                                 more paint for or
       033¢ 27
                                     1C
                                                                                       BEQ
                                                                                                            ENCL7
       033E B1
                                     2001
                                                                                                           N+1 check for delim
                                                                                      CMPA
                                                                                                                                                                                                                                     74
      0341 27
                                     05
                                                                                       BEQ
                                                                                                            ENCL5
                                                                                                                                                                                                                                                    38 1954
      0343 7C
                                     2000
                                                                                       INC
                                                                                                            H
                                                                                                                                                                                                                                                   MA EAC
                                                                                                                                                                                                                                     . .
       J346 20
                                     F2
                                                                                       BRA
                                                                                                            ENCL4
                                                               * found EW; Push it
                                                                                                                                                                                                                                                    ENCL5 LDB N
    · 0348 F6
                                                                                                                                                                                                                                                    14 5340
      034B 4F
                                                                                       CLRA
                                                                                      PSHU D
      034¢ 36
                                     06
                                                               PSHU D
*advance and push NC
INCB
LBRA PUSHD
                                                                                                                                                                                                                                                    ma vertice
      034E 5C
      034F 16
                                                                                                                                                                                                                                                    31 337
                                                               * found NUL before non delimiter, therefore, no word
                                                               ENCL6 LDB N A is zero
      0352 F6
                                     2000
                                     06
      0355 36
                                                                                      PSHU
                                                                                                       D
                                                                                                                                                         · Marie Company Company
      0357 5C
                                                                                      INCB
                                                                                      BRA ENCL7P STATE OF THE STATE O
                                                                                                                                                                                                                                                  **
      0358 20
                                     03
                                                               * found NUL following word instead of SPACE
                                                                                                                                                                                                                                    (1.7
                                                              ENCL7 LDB N

ENCL7P PSHU D Save EW

ENCL8 LDB N save NC
                                                                                                                                                                                                                                                 est more
      035A F6
                                     2000
      035D 36
                                     06
      035F F6
                                     2000
      0362 16
                                    FCF2
                                                                                      LBRA PUSHD
                                                                                     WORDM 5,CMOV,E sourcead, destinationad, count FDB *+2
      0365
                                                                                                          *+2
PCMOVE
NEXT
X,Y
D,X,Y
D=ct, X=dest, Y=source
       ~36D 036F
                                                                                FDB
      U36F 8D
                                    03
                                                                                    BSR
                                                                                                                                                                                                                                                  0-75 36 -
                                                                                                                                                                                                                                       A (
      0371 16
                                    FD03
                                                                                     LBRA
                                                                                                                                                                                                                                                      70 3965
                                                                                                                                                                                                                                      10
      0374 34
                                    30
                                                              PCMOVE PSHS
                                                                                                                                                                                                                                   () t'
                                                                                                                                                                                                                                                      at sete
      0376 37
                                    36
                                                                                      PULU '
                                                                                                                                                                                                                           -0 (3)**
                                                                                                                                                                                                                                                      A1 3080
                                                                                                          v
Y,v
                                                                                                                                      Periodia (1900)
Composito de 1900 de 1
      0378 34
                                    40
                                                                                      PSHS
      037A 1F
                                    23
                                                                                      TFR
     037C 1F
037E 31
                                    02
                                                                                                                                   use Y as COUNTER
                                                                                                           D,Y
                                                                                      TFR
                                    21
                                                                                      LEAY
                                                                                                           1,Y
      0380 31
                                    3F
                                                                                                           -1 ,Y
                                                              CNO V2
                                                                                      LEAY
                                                                                                                                                                                                                                                 Esta Bilo
     0382 27
                                                                                    BEQ
                                    06
                                                                                                           CMOV3
                                                                                                                                                                                                                                         on thanco
      0384 A6
                                    CO
                                                                                                            , U+ . . .
                                                                                      LDA
                                                                                                                                                                                                                                                         3 A MITT
     0386 A7
                                                                                                           ,X+
                                    03
                                                                                    STA
                                                                                                                                                                                                                                                       77 175
      0388 20
                                                                                                                                                                                                                                  1.00
                                   F6
                                                                                                           CHOV2
                                                                                    BRA
                                                                                                                                                                 3.0
                                                                                                                                                                                                                                                         ( 151 )
                                                                                                                                                                                                                                  1111
     038A 35
                                    40
                                                              CMO V3
                                                                                     PULS
                                                                                                          U ·
     038C 35
                                    30
                                                                                     PULS
                                                                                                                                            1) . The harmon
                                                                                                                                                                                                                                                          37. 31.13
                                                                                                                                                                                     231 S.000
                                                                                                                                                                                                                                       1.78
      038E 39
                                                                                                                                                    3,5
                                                                                      RTS
                                                                                                                                                                                                                                                          $2 8550
                                                                                                                                                                41-5274
$ + 84
1 - 2 - 1
                                                                                                                                                                                                                                       A.
                                                                                                                                                          N 313753
                                                                                                                                                                                                                                                          तुन हद्द्री
                                                                                                                                                                                                                                  2001
     038F
                                                                                     WORDM 2,U,*
                                                                                                                                                                                                                                                          111 t
                                                                                                         *+2
     0394 0396
                                                                                FDB
                                                             USTAR
                                                                                                                                                                                                                                                          PF 1 1
                                                                                                                                                                                                                                  . .
     0396 8D 05
                                                                                     BSR
                                                                                                          USTARS
```

I.EAU

2.U

0398 33

```
039A 16 FCBA
                               LBRA
                                       PUSHD
                      * The following is a subroutine which multiplies top
                      * 2 words on stack, leaving 32-bit result: high order in D
                      * and low order word in 2ND word of stack.
039D BE
           0011
                      USTARS
                              LDX -
                                      #17
           0000
                                      ₽0
03A0 CC
                               LDD
03A3 66
            42
                      USTAR 2
                               ROR
                                       2,U
                                                  shift mult
03A5 66
            43
                               ROR
                                      3 , U
03A7 30
            1F
                               LEAX
                                      -1,X
                                                  done?
03A9 27
            80
                               BEQ
                                      USTAR4
            02
   B 24
                               BCC
                                      USTAR3
            C4
                                       , U ··· .
   D E3
                              ADDD .
05AF 46
                              RORA
                      USTAR3
03B0 56
                              RORB .
03B1 20
           F0
                               BRA
                                      USTAR 2
03B3 39
                      USTAR4
                              RTS
                                      2,0,/
03B4
                              WORDM
03B9 03BB
                      USLASH
                                      *+2
                              FDB
03BB EC
           42
                              LDD
                                      2,U
03BD AE
           44
                              LDX
                                      4,U
           42
03BF AF
                              STX
                                      2,0
03C1 ED
           44
                              STD
                                      4,U
03C3 68
           43
                              ASL
                                      J, U
0305 69
           42
                              ROL
                                      2,0
                                      #$10
03C7 BE
           0010
                              LDX
03CA 69
           45
                      USLLI
                              ROL
                                      5,U
03CC 69
           44
                              ROL
                                      4, U
03CE EC
           44
                              LDD
                                      4,U
03DO A3
           C4
                              SUBD
                                      , U
    2 1C
           FE
                              ANDCC
                                      #$FE
                                                 CLC
   4 2B
           04
                              BMI
                                      USLL2
03D6 ED
           44
                              STD
                                      4,U
                                      61
03DS 1A
           01
                              ORCC
                                                 SEC
03DA 69
                     USLL2
           43
                              ROL
                                      3,0
03DC 69
           42
                              ROL
                                      2,U
03DE 30
           1F
                              LEAX
                                      -$1,X
03EO 26
           E8
                              BNE
                                      USLLI
03E2 33
           42
                              LEAU
                                      2 , U
03E4 16
           FC90
                                      HEXT
                              LBRA
03E7
                              WORDH
                                      3,AN,D
03ED 03EF
                     AND
                              FDB
                                      *+2
03EF 37
           06
                              PULU
                                      D
03F1 E4
           41
                              ANDB
                                      1,0
03F3 A4
           C4
                              VANDY
                                      U,O
                                      , U
03F5 ED
           C4
                     PUTD
                              STD
03F7 16
           FC7D
                                      NEXT
                              LBRA
03FA
                                      2,0,R
                              WORDM
03FF 0401
                     OR
                                      ×+2
                              FDB
0401 37
           06
                              PULU
                                      D.
   3 EA
                                      1,U
           41
                              ORB
0405 AA
                              ORA
                                      0,0
```

(C)1980 TALBOT MICROSYSTE	MS 4-20-80	TCC Accoming to	. pajon <del>anstvi su</del>	a fer unci(:
68°FORTH for 6809 : FIG 1	MODEL	TSC ASSEMBLER PAGE	9.15 (1963)	न करे   सिराप्तकृत :
0407 20 EC	BRA PUTD		,M77 77	31 7050
0409	WORDM 3,XO,R			•
040F 0411 XOR 0411 37 06	FDB *+2		N Section 1997.	
	PULU D	သော ကျင်းသည်။ လျှင်းသည် ရှိသွား ကြားသော ကျောက်လေးကြသည်။ ကြောင်းသည်	\$ "	
	EORB 1,U	The state of the s	gg å Delenar	20.25 - 20.25 - 18
0415 A8 C4 0417 20 DC	EORA 0,U		rijani Hari	38 C910 
0419	BRA PUTD	が、 からない。 Manager Table Manager できた。		
041D 041F PLUS	WORDM 1,,+ FDB *+2		$\hat{r}_i$ :	9A 787A
041F 37 06	FDB *+2 PULU D			
9421 E3 C4	ADDD ,U	and the second second	** 11*4	10 8200
- 3423 16 FFCF	LBRA PUTD		0.13	
0426	WORDM 2,D,+	And the state of t	14.25	14/4
042B 042D DPLUS	FDB *+2	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	74.5M	
042D EC 42 042F E3 46	LDD 2,U			80 <b>6816</b>
042F E3 46 0431 ED 46	ADDD 6,U	er en	· · · · · · · · · · · · · · · · · · ·	* * * * * * * * * * * * * * * * * * * *
0433 EC C4	STD 6,U			TO SHED SHED
0435 E9 45	LDD		1.361	THE CALL
0437 A9 44	ADCB 5,U		p 4	
0439 33 44	ADCA 4,U LEAU 4,U	er in the state of the state o	* 1	* * * * * * * * * * * * * * * * * * *
043B ED C4		to the second se	87	TA HERÓ
043D 16 FC37	STD ,U LBRA NEXT		• 4,4	
0440	WORDM 5, MINU, S	#, C	1	es esea
0448 044A MINUS	FDB *+2		<u>.</u> ₹ \$	68 32 3
0444 60 41	NEG 1,U	e tês — Med	9760	11111
0440 25 05	BCS MINUS2		rang (A)	22/3/20
044E 60 C4 0450 16 FC24	NEG ,U	No. 2015 St.	**	0.40
0/52 (2	LBRA NEXT	1, 3 (4) (4)	. <u> </u>	
455 16 FC1F MINUS2	, , ,	1. (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	\$ 0 % \$	
0458	LBRA NEXT	en e	3 1 3 1	
0461 0463 DHINUS	WORDM 6,DMINU,S FDB *+2	· · · · · · · · · · · · · · · · · · ·		ari euro
· 0463 63 C4	FDB *+2 COM 0,U	. 3 3 100,80	:0	
0465 63 41	COM 1,U		land ta	
0467 63 42	COM 2,U	41.X 309		ea ance
0469 60 43	NEG 3,U		** (	33, 8463
046B 26 OA 046D 6C 42	BNE DMINX		F -	<i>हे</i> ं केष्ट
	INC 2,U	个一篇 (1) <b>**</b> ***	7.	
0/0.	BNE DMINX	<ul><li>(4) 対抗 (2) 対象 数を</li></ul>	14 J.	81 616
0.00	INC 1,U		* * * *	(11)
0473 26 02 0475 6C C4	BNE DMINX	# 1 巻	. 11 · 1.	- 3 <b>30,0 03</b> 76. - 34, 3374
0477 16	INC ,U	e de la companya de l		
0477 16 FBFD DMINX	LBRA NEXT	in the second		
047F 0481 OMER	WORDM 2,1,+	•		, , , ,
0481 EC C4	FDB *+2 LDD U	3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 -	\$3.1 PM;	NO THE
0483 C3 0001	LDD ,U ADDD #1	# job alektrick		0.150
0486 16 FF6C	LBRA PUTD	$\{1, j_1, \dots, j_{k+1}\}$	era international control of the con	TUNO ALL
0489	WORDM 2,2,+	# G (179		
048E 0490 TWOP 0490 CC 0002	FDE *+2	M. 1 4775	\$ 1. 518	~ /
0490 CC 0002	LDD #2	to the state of th	. 7 3	

3) 38

```
(C)1980 TALEOT MICROSYSTEMS
                                 Align 4-20-80 TSC ASSEMBLER
                                                                  PAGE
                                                                          16
68 FORTH for 6809 : FIG NODEL
  0493 E3
            C4
                                       , U
                               ADDD
  0495 16
            FF5D
                               LBRA
                                      PUTD
  0498
                               WORDM 2,1,-
                ONEM
  049D 049F
                               FDB
                                      *+2
 049F EC
            C4
                               LDD
                                       , U
            0001
                               SUBD
 04A1 83
                                      #1
 04A4 16
          FF4E
                               LBRA
                                      PUTD
 04A7
                               WORDM
                                      2,2,-
 04AC 04AE
                      TWOM
                               FDB
                                      *+2
 04AE EC
                                      , U
           -C4
                               LDD
 04B0 83
            0002
                               SUBD
                                      #2
  4B3 16
            FF3F
                              LERA
                                      PUTD
   \B6
                              WORDM
                                      2.M.*
 U4BB 0073 065D
                                      DOCOL, OVER, OVER, XOR, TOR, ABS, SWAP, ABS, USTAR
                     MSTAR
                              FDB
 04BF 065D 040F
 04C3 0639 057C
 04C7 0679 057C
 04CB 0394
 04CD 0647 05E8
                              FDB
                                      FROMR, DSETSN, SEMIS
 04D1 0080
 04D3
                              WORDN 1,,*
 04D7 0073 04BB
                     STAR
                                      DOCOL, MSTAR, DROP, SEMIS
                              FDB
 04DB 066B 0080
 04DF
                              WORDM
                                                 signed double=-3,-2, signed divisor-1
                                              signed rem -2, quotient -1
04E4 0073 065D
                     MSLASII
                              FDB
                                     DOCOL, OVER, TOR, TOR, DABS, T, ABS, USLASH, FROMR, R, XOR
 04E8 0639 0639
 04EC 0591 0654
 04F0 057C 03B9
 04F4 0647 0654
   F8 040F
   TA 05D6 0679
                              FDB
                                     SETSN, SWAP, FROMR, SETSN, SWAP, SEMIS
 U4FE 0647 05D6
0502 0679 0080
0506
                              WORDM
                                     4./110.D
 050D 0073 0639
                     SLMOD
                                     DOCOL, TOR, STOD, FROMR, MSLASH, SENIS
                              FDB
0511 05C1 0647
0515 04E4 0080
0519
                              WORDM
051D 0073 050D
                     SLASH
                              FDB
                                     DOCOL, SLMOD, SWAP, DROP, SEMIS
0521 0679 066B
0525 0080
0527
                              WORDM
                                     3,MO,D
052D 0073 050D
                     MOD
                              FDB
                                     DOCOL, SLHOD, DROP, SEMIS
0531 066E 0080
0.535
                                     5,*/MO,D
                             WORDM
053D 0073 0639
                     SSHOD
                                     DOCOL, TOR, MSTAR, FROMR, MSLASH, SEHIS
                             FDB
0541 04BB 0647
0545 04E4 0080
                             WORDM
                                     2,*./
E 0073 053D
                     SSLASII
                             FDB
```

DOCOL, SSMOD, SWAP, DROP, SEMIS

0679 0668 و0677 2 دد 0

```
4-20-80 TSC ASSEMBLER PAGE TO TOTAL PROPERTY
(C)1980 TALBOT MICROSYSTEMS
                                                                           Basel Totato Marient
68 FORTH for 6809 : FIG NODEL
  0556 0080
                                                                                     £3 5050
  0558
                                                                                     01 2000
                                                                             11. 45
                              WORDM 5, M/MO, D
  0560 0073 0639
                      MSMOD
                                     DOCOL, TOR, ZERO, R, USLASH, FROMR, SWAP, TOR
  0564 076B 0654
 0568 0389 0647
 056¢ 0679 0639
                                                                                     3,8 3500
 0570 03B9 0647
                              FDB
                                     USLASH, FROMR, SEMIS
 0574 0080
 0576
                                                                                   2530 27830
                              WORDM
                                     3,AB,S
 057¢ 0073 068A
                     ABS .
                              FDB
                                     DOCOL, DUP, ZLESS, ZERAN
 7580 0611 020B
                                                                              4.460
 J584 0004
                              FDB
                                     ABS2-*
 0586 0448
                              FDB
                                     MINUS
 0588 0080
                                                                             WEET CLOS SAY
                     ABS2
                              FDB
                                     SEMIS
 058A
                                                                              bear aron mand
                              WORDM
                                     4,DAB,S
 0591 0073 068A
                                                                             9867 1632 PTTE
                     DABS
                              FDB
                                     DOCOL, DUP, ZLESS, ZBRAN
 0595 0611 020B
 0599 0004
                              FDB
                                     DABS2-*
 0595 0461
                             FDB
                                     DMINUS **
 059D 0080
                     DABS2
                             FDB
                                     SENIS
 059F
                                                          10-10-50
                             WORDM
                                     1,,<
 05A3 05A5
                                                                              0401 0073 6433
                     LESS
                             FDB
                                                                             197709 #450 9130
 05A5 37
           06
                             PULU
 05A7 A1
           C4
                                                   South Engineer
                             CMPA
                                     0,0
 05A9 2E
           09
                             BGT
                                     LESST
 05AB 26
                                                                              4770 EVER A410
           04
                             BNE
                                     LESSF
                                                                              orth opin onia
 OSAD E1
           41
                             CMPB
                                     1,U
 05AF
                                                                              1739 308B 1430
      22
           O3
                             BHI
                                     LESST
 05B1
      5F
                             CLRB
05B2 20
           02
                             BRA
                                    LESSX
  5B4 C6
                                                                                   3000 NW
                    LESST
                             LDB
05E6 4F
                                                                              TY TO ATTOM AT
                    LESSX
                             CLRA
05B7 16
                                                                              रतारी १८३० हरेक्ट
           FE3B
                             LBRA
                                    PUTD
05BA
                                                                              1200 0570 2070
                             WORDM 4,S->,D
05C1 05C3
                                                          HAM GRUE
                    STOD
                                    *+2
05C3 CC
                                                                              TEAR FROM MOTO
           0000
                             LDD
                                    ₽0
05C6 6D
           C4
                             TST
                                    , U
05C8 2A
           02
                             BPL
                                    STOD2
05CA 43
                             COM
05CB | 53
                                                                              Section of the
                             COMB
05CC ED
           C3
                    STOD2
                             STD
                                    ,--U
05CE |16
          FAA6
                             LBRA
                                    NEXT
05D1
                             WORDM
                                    2,+,-
05D6 0073 0611
                    SETSN
                             FDB
                                    DOCOL, ZLESS, ZBRAN
05DA 020B
05DC 0004
                            FDB
                                    SETSN2-*
                                                                             aren olda nom
05DE 0448
                            FDB
                                    MINUS
                                                                             1,380 prom 1820
05E0 0080
                    SETS N2
                            FDB
                                    SEMIS
05E2
                            WORDH
                                    3,D+,-
05E8 0073 0611
                                    DOCOL, ZLESS, ZBRAN
                    DSETSI
                            FDB
                                                                             AND CHARLE
05EC 020B
05EE 0004
                            FDB
                                   DSETS2-*
```

								•
	05F0	0461			FDB	DMINUS	-	
	05F2			DSETS 2	FDB :	SEMIS	1. 11	
	05F4		42		LEAU	2 , U	4.44	1.4
	05F6		FA7E	•	LBRA	NEXT		
	05F9				WORDM	2,0,=	The second second	
	05FE	0600	•	ZEQU	FDB	<b>*</b> +2		
	0600			•	CLRA			
	0601				CLRB		* - 1 1	
	0602		C4		LDX	, υ		
	0604		01		BNE	ZEQU2	1.00	
		5C			INCB		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	607	ED	C4	ZEQU2	STD	, U	. * * * * .	- 1
	609		FA6B	•	LBRA	NEXT	* .	+3 -1
	0600				WORDM	2,0,<	* *	+ ( +
	0611	0613		ZLESS	FDB	*+2		
	0613	26	80		LDA	<b>₽</b> \$80	check sign	bit
	0615	۸4 .	C4		ANDA	<b>,</b> ប		
	0617	27	063 A A A A A A	الانكانس فالملك المح	BEQ PER	ZLESS2	the state of	*
	0619			\$ Asim b		L 1434	Cieles	
	061A		01		LDB	#1	1	1 . 1
	•	16	FDD6		LBRA	PUTD	\$ 1	4.4.4
		5F		ZLESS2	CLRB	7.	10.	
	0620		FDD2		LBRA	PUTD		2 2 2
				*			14 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	2.19
	0623				WORDM	5, LEAV, E	1., 1	🗀 🛓
	062B	062D		LEAVE	FDB	*+2	7 · · ·	
	062D		E4		LDD	,s		** , ,
	062F	E	•	$\mathbb{G}[H(L)] \in \mathbb{R}^{d} \times \mathbb{R}$	STD	2,S		
	0631		FA43		LBRA	NEXT		
-	0634				WORDM	2,>,R	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
1		063B		TOR	FDB	*+2		
· > -	)63B		06	-	PULU	D		
	063D		06		PSHS	D	*	
	063F		FA35	•	LBRA	NEXT		§ .
	0642				WORDM	2,R,>		
	0647	0649		FROMR	FDB	*+2		
	0649		06		PULS	D	and the Arms	
	064B		06			D The Mark of the	$j \in F = \{ i, j \in \mathcal{F} \}$	* "
	064D		FA27		LBRA	NEXT		
	0650				WORDM	1,,R	Francisco (Control	41.25 T
		0272	3	R 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FDB		steal code	from I
	0656	<b>5 - 1.</b>		-	WORDM	4, OVE, R		
		065F		OVER	FDB	*+2		
	065F		42	a do agric		2 , ປັ		
	0661		F9F3			PUSHD		
	0664	10	- 7- 3	(93 m x	WORDM =			
		066D		DROP	FDB	*+2		**************************************
	066D	1	42		LEAU	2,0	Kin Tana	11 A
	066F		FA05		LBRA	HEXT	1 1	· i et
	0672	, - 9		Law Carlott	WORDM	4,SWA,P	g view Arger	4 . *
	`	067B		SWAP	FDB	*+2		
	067B		16	writing##	PULU	D,X		
	0010	J /				- ,		

·									, Marking District	Smith of the	* 15 E	0344 (n
			ROSYSTEMS		4-20-80	ISC V	SEMBL	ER PA	GE 19	CAN I		תי בתיוד
FORT	H for	6809	: FIG MODI	EL			•	4				,
		0.1		EVC	5 V	113	1	5.80			1000	8125
367D		01		EXG	D,X	swap	order		६० स्वत्यः,			S. GAR.
)67F	36	16		PSHU	D,X		**			6.2		3329
_	16	F9F3		LBRA	NEXT		1 11	* 4 * 4		47.57	$ \frac{1}{2}$	570 B
0684	000		DUP	WORDH FDB	3,DU,P *+2			A Street				27.0
0684		01	DUP	LDD				MATINE.	HOHY		1.000	HF.O
068C 068E		C4 F9C6		LBRA	, U PUSHD			A 77.11 1				(Mary 1997)
0691	10.	r 300		WORDM	2,+,!			* ** ***				115 M
0696	06.08		PSTORE	FDB	<b>*</b> +2		· ·	*4.1		3.5	,	Contra
0698		C1	1010115	LDX	,U++					1.7	òΩ	
069A		Cl		LDD	,U++	•		HT TT			23	2020
769C		84		VDDD	,x		1		1111	2.3		
069E		84		STD	,x					raga	ð1	649
0600		F9D4	•	LBRA	NEXT			131111				2090
06A3		1 72 ,		WORDM	1,,0		n na sa Tanàna		1, 11 1, 1, 1, 1			1190
06Λ7	0649		AT	FDB	*+2		11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1 (11)	AA.	£130
0649	-	D4	•••	LDD	[, 0]	U po:	ints t	o addre	ss on sta	ck. get	# th	ere.
06AB		FD47	•	LBRA	PUTD			ack add		, 0-,		- Wadu - 2176
06AE				WORDH	2,C,@					<b>1</b> ***	1.	
06 B3	06 25		CAT	FDB	*+2				•	.34	3.1	A180 2130
		D4		LDB	[,0]			in the second	* * * * * *		77.7	73 <b>f</b> 3473
06 B7				CLRA		i	2011 E	1.00		getor f		51-714 51-714
83 80	16	FD3A		LBRA	PUTD				4,8		٠.	
OGEB		•		MORDM	1,,!		100	HAMON				(1) 80
06 BF	06C1		STORE	FDB	*+2			Sid is	TITAM!		erae.	0623
	3 7	10		PULU	X			28 j		17	1.1	god.;
06C3		06		PULU	D	force	ed to	do this	because	in wron	g ord	ler,
06C5		84		STD	, X		13.77	S (2)		१०५ ह	5 f	1130
06C7	16	F9AD		LBRA	NEXT		4	1750 34				77,00
06CA				WORDH	2,C,1		, A	$F^*G \otimes$	wyr		a+30	37 8 M.C.
	06D1		CSTORE	FDB	*+2		: *	11 (1:7		5.7	* 5	#881
	37	10		PULU	X			\$ 15 July		30	10	47.0
06D3		06		PULU	D		**	$\Lambda \simeq 7.7$		7.6.3.F	3.1	प्रकृत
06D5		84		STB	,X		. 41. \$	$\{(G,G)\}_{i=1}^n$				\$3.50
06D7	16	F99D		LBRA	NEXT	_	\$ 30 t	No.			(8,49	P 18 14 7
06DA	0070	0745		WORDM	7, <build,< th=""><th>S</th><th></th><th>3,100</th><th></th><th></th><th></th><th>9880</th></build,<>	S		3,100				9880
	0073		BUILDS	FDB	DOCOL, ZER	o,con	SEMIS	1111111			0 E	
	0740	0080			5 DOTO >			· 89 (1)		128.27		
06EC	0077	0617	2020	WORDM	5,DOES,>				E DCCODE			78. july
	0073		DOES	FDB	DOCOL, FROM				E, PSCODE		( FEB	
	0987					•	1 - , 3	643875				0200
	06 BF		babame	20110	••			91,474 		c	77.30	
0700		20	DODOES	PSHS	Y	pusn	retur	n addre	ss to RP=			
0702	1 OAE			LDY	2,X	get	new Ir	ARE		1.163		
0703		04		LEAX	4,X	get	adores	e or ba	rameter			1930Y
0707		10		PSIIU	X NEXT			NOTE OF STREET			gasa.	
0700	10	F 96 B		LBRA WORDN	6,TOGGL,E		ida ik Kasarat	Marian		3.3		
	0073	065D	TOGGLE	FDE	DOCOL, OVE	R CAT	XOP S	WAP CST	ORE.SEMIS	*0A1		
	0073		LOGGLE	¥ 1/15	DOUGH, OVE	r. 1 247 Y						9304 000
	0679							- ( <b>為</b> 1) (1) - 1(1) (1)	1.176		u 4 200	
	080	JUUI .						** 1.7			٠,	¥\$ 5 E

WORDM

FDB

FDB

**SZERO** 

2,S,0 ....

XSPZER-UORIG

DOUSER

07CB 0000 041D 07CF 0080 Q7D1

7D6 07B5

07D8 0016

9727 6624 67 19 6728 6775 636 9728 6385 3 44 9738 6669

 $\mathcal{T}_{SN}$  ddf3 Gran ddf4 gr3t drsp 10 - dd

我们一切**点**点。

24 5gt 5 57.55 51.55 #659 9500 #655

5,450

0239 0300 0339 3500 00**5**0 40 00 00

e or a tota

A tem prod 1916 grep poot gotto pang poot tota anto prod con prod

AT AT A

. .

3100

一个基金集工作。在

		·				
07DA				WORDH	2,R,0 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
07DF	07 B5		RZERO	FDB · · ·		t Chi
07E1	0011			FDB	XRZERO-UORIG	
07E3				WORDI	3,TI,B,,USER,TIB,XTIB	
07ED				WORDM	5, WIDT, H, USER, WIDTH, XWIDTH	
07F9				WORDM	7, WARNIN, G, , USER WARN, XWARN	
0807				WORDM		eri,
0813				WORDM	2,D,P,,USER,DP,XDP	
0816				WORDM		
					8, VOC-LIN, K, , USER, VOCLIN, XVOCL 3.BL.K. USER, BLK. XBLK	
082B 0835				WORDM WORDM	· , = = , , · · · · · · · · · · · · · · · ·	1517
		•			2,I,N,,USER,IN,XIN	
J83E				WORDH	3,OU,T,,USER,OUT,XOUT	
0848				WORDH		
0852				WORDM	6, OFFSE, T, , USER, OFSET, XOFSET	
085F				WORDM		
0860				MORDM	7, CURREN, T, , USER, CURENT, XCURR	
087B				WORDM	5,STAT,E,,USER,STATE,XSTATE	
0887			,	WORDH	4, BAS, E, , USER, BASE, XBASE	
0892				WORDH	3,DP,L,,USER,DPL,XDPL	
089C				WORDM	3,FL,D, USER,FLD,XFLD	
0846				WORDM	3,CS,P, USER,CSP,XCSP	
0880				WORDM		91.05
6880				WORDH	3,HL,D,,USER,HLD,XHLD	
0803				WORDM	7, COLUMN, S, USER, COLUMS, XCOLUM	
. [			*			ONT
08D1				WORDM	4,HER,E	
	0073	0818	HERE	FDB	DOCOL, DP, AT, SE4IS	
08DC						STOTE OF
08E0		0000		WORDM	5,ALLO,T	74.47
	0073	0010	ALLOT	FDB	DOCOL, DP, PSTORE, SEMIS	
SEC			ELLOI	r DD	maked 847	1 (*
		0000		LIOD DIV		117
08F0		0000	001014	WORDM	1,,","	ce
	0073		COMMA	FDB	DOCOL, HERE, STORE, TWO, ALLOT, SENI	
	06 EF					73
	8330	0030				
0 90 0				WORDM	2,C,"," (2007)	
0905	0073	8d30	CCOIIII	FDB	DOCOL, HERE, CSTORE, ONE, ALLOT, SE	IIS
	06CF				or different to the first	
0 90 D	08E8	0300				
0911				WORDM	1,,-	
0915	0073	0448	sub	FDB	DOCOL, HINUS, PLUS, SEMIS	9 2 3 7 4 <b>8</b> 1 4 7 7
	041D				•	
0910				WORDM	- P., - 4.63	141.1
	0073	0915	EQUAL	FDB	DOCOL, SUB, ZEQU, SENIS	
	05FE		45			
0929		3,00		WORDM	1,,>	
		0670	CD EAT	FDB	* * * * * * * * * * * * * * * * * * * *	1981
	0073		GREAT	LDD	DOODL SHAE , DESS , SERIES	• •
	05A3	UUUU		110000	E CDAC E	
0935		07.5			5,SPAC,E	
	0.07.3		SPACE	FUB	DOCOL, BU, EMIT, SEMENTE SEMENTE CO	
	00 53	0800				4
0.245	1		•	MORDM	3,111,N 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

PAGE

(C)1980 TALBOT MICROSYSTEMS

(C)1980 TALBOT MICROSYSTEMS 4-20-80 TSC ASSEMBLER PAGE (11) 23 STAR THE TAX OF CHADY 68 FORTH for 6809 : FIG NODEL promote tager in 1963 to Aug Herretagisch OAOD 0073 01BB SCSP FDB DOCOL, SPAT, CSP, STORE, SEIIS 46500 6100 3400 0A11 08AC 06 FF eron urba apon 0A15 0080 ance Rea 0A17 WORDM 6.7ERRO.R anno areo ΟΛ20 0073 0679 **OERR** FDB DOCOL, SWAP, ZBRAN 200 80 5000 0A24 020B 6299 3333 8780 A promise of the second 17711 0A25 0008 FDB QERR2-\* H. C. 755 MC 0A28 OF18 O1FF FDB ERROR, BRANG June 1973 egga hiyan gada 0A2C 0004 FDB QERR3-\* 1,820 0283 1300 0A2E 066B QERR2 FDB DROP #090 CAPE 0800 0640 QERR3 FDB 5,7COH,P . SEMIS MARK MATC **JA32** WORDM (130 00) 0A3A 0073 0883 QCOMP FDB DOCOL, STATE, AT, ZEQU, CLITER ការ (១ ស្ងងសំ នេះបំ -0A3E 06A7 05FE 300 to the part of the same 0A42 01EE network onto 0Λ44 11 FCB \$11 egrg dyes QERR', SEMIS 0A45 0A20 0080 FDB 4000 8880 0A49 . . WORDM 5,?EXE,C DOCOL, STATE, AT, CLITER 6937 OSEA 0A51 0073 0883 QEXEC FDB pade, mong 0A55 06A7 01EE 4-420 0A59 12 FCB V AC: 0.55 0.075 0.0 1 0A54 0A20 0080 FDB QERR, SENIS 8133 0346 C180 OASE MOLDH 6,?PAIR,S උපද හ සුවලෙස 0A67 0073 0915 QPA IRS DOCOL, SUB, CLITER : ? FDB 90 C 10 es cece OA6B OIEE The second second 0998 11 18 PC 00 1,711 0AGD 13 FCB \$13 anch tare care 0A6E 0A20 0080 QERR, SEMIS FDB gerts pres OA72 WORDM 4,?CS,P 医白色的 化自己的 医皮质的 0A79 0073 013B QCSP FDB DOCOL, SPAT, CSP, AT, SUB, CLITER 1939 1937 N 0A7D 08AC 06A7 `A81 0915 01EE But the state of t TIME FOLD MATE UA85 14 FCB \$14 1 640 OA86 OA20 0080 FDB QERR, SEMIS ASAO WORDM 8, ?LOADIN, G y was y squared. OA95 0073 0831 QLOAD FDB DOCOL, BLK, AT, ZEQU, CLITER  $f_{ij}(t,t) =$ arto esco tuen 0A99 06A7 05FE DACA BA OA9D OIEE akaa ejen aled 0A9F 16 FCB \$16 0AA0 0A20 0080 FDB QERR, SEMIS MIND OTHER BUILD OAA4 WORDM 7,COMPIL,E CHARLES AND A OAAE 0073 0A3A COMPIL FDB DOCOL, QCOMP, FROMR, DUP, TWOP, TOR, AT, COMMA, SEMIS COMMA OAB2 0647 068A - 15, 1 196g - 16 - 1880 - 181**0 17.0**0 1810 OAB6 043E 0639 ាត់មួយ សមាស្ OADA 06A7 08F4 Same program of the second 1750 2100 6500 0800 BEA0 THE PEND TORRE 0AC0 WORDM 1, [ .INDEDIATE 1630d 1900 OAC4 0073 076E LBRAK FDB DOCOL, ZERO, STATE, STORE, SENIS E 42.0 0ACE 0883 06BF  $\frac{\nabla u}{\partial x} = \frac{\partial u}{\partial x} + \frac{\partial u}{\partial x} +$ 7330 8300 2350 0800 DDAC एक्स १९७० सहस्य OVCE I,, J, NOIH partition WORDH OAD2 0073 01EE minn also th RBRAK FDB

200

OVD6 CO

FCB

\$CO

The state of the state of

11/10/12/14

```
68'FORTH for 6809 : FIG MODEL
                                      STATE STORE SEMIS
  OAD7 0883 06BF
                              FDB .
  0300 BDA0
                                      6,SMUDG, E
                              WORDM
  OADD
  OAE6 0073 09B7
                                      DOCOL, LATEST, CLITER
                      SMUDGE
  OAEA OIEE
                                      $20
                              FCB
  OAEC 20
                                      TOGGLE, SENIS
  OAED 0715 0080
                              FDB
                              WORDM
                                      3,HE,X
  OAF1
                              FDB
                                      DOCOL, CLITER
                      HEX
  OAF7 0073 01EE
                              FCB
                                      16
  OAFB 10
  OAFC 088E 06BF
                              FDB
                                      BASE, STORE, SEIIS
   BCO 0080
                              WORDM
                                      7, DECINA, L
   DO2
                                      DOCOL, CLITER
  OBOC 0073 01EE
                      DEC
                              FDB
                              FCB
                                      10
  OBIO OA
                              FDB
                                      BASE STORE, SEMIS
  OE11 088E 06EF
  OB15 0080
  0B17
0B21 0073 0647 PSCODE FDB
                                      7,(;CODE,)
                                      DOCOL, FROMR, LATEST, PFA, CFA, STORE, SEL'IS
  OD25 09B7 09F9
  OB29 O9D6 O6BF
  0B2D 00S0
                              WORDM 5,; COD, E, IMMEDIATE
  OB2F
  0B37 0C73 0A79 CV CESEMIC COFDE COLOCOL, QCSP, COMPIL, PSCODE, SMUDGE, LBRAK, QSTACK, SEMIS
  OB3B OAAE OB21
  OB3F OAE6 OAC4
  0B43 0C5D 0080
                       NOTE: QSTACK is replaced by ASSEMBLER in versions with one.
                              WORDM 5, COUN, T, NOIH
  OB47
                                      DOCOL, DUP, ONEP, SWAP, CAT, SEMIS
                      COUNT
                              FDB
  QB4F 0073 068A
   53 047F 0679
   B57 06B3 0080
                                      4, TYP, E
                              WORDH
  ODSB
                                      DOCOL, DDUP, ZBRAN.
                      TYPE
                              FDB
  0562 0073 097C
  0B66 020B
                              FDB
                                      TYPE3-*
  0B68 0013
                              FDB
                                      OVER, PLUS, SWAP, XDO
  OD6A 065D 041D
  OB6E 0679 0261
                      TYPE2
                                      I, CAT, ENIT, XLOOP
                              FDB
  OB72 0270 06B3
  0B76 00B3 0228
                              FDB
                                      TYPE2-*
  OB7A FFF8
  OB7C OIFF
                              FDB
                                      BRAN
                                      TYPE4-*
                              FDB
  OB7E 0004
                                      DROP
  066 D
                      TYPE3
                              FDB
  OB82 0080
                              FDB
                                      SEMIS
                      TYPE4
                                      9,-TRAILIN,G
                               WORDM
  0184
                   DTRAIL
                                      DOCOL, DUP, ZERO, XDO
  OE90 0073 068A
                               FDB
  OB94 076B 0261 :
                      DTRAL2 FDB
                                      OVER, OVER, PLUS, OHE, SUB, CAT, BL
  OD98 065D 065D
  QB9C 041D 0773
   EAO 0915 06B3
```

and the same of th

24

4-20-80 TSC ASSEMBLER PAGE

(C)1980 TALBOT MICROSYSTEMS -

0 DA4 07 3C

```
(C)1980 TALBOT HICROSYSTEMS
                                                                                                            4-20-80 TSC ASSEMBLER
                                                                                                                                                                                         PAGE 1-25, they don the operate
68 FORTH for 6809 : FIG MODEL
                                                                                                                                                                                       Orange Transport (1984年) 1995 新聞報報等等
     OBA6 0915 020B
                                                                                                             SUB, ZERAN
                                                                                       FDB
                                                                                                                                                                                                                                 THE TERMS TOAD
     3000 AAEO
                                                                                       FDB
                                                                                                             DTRAL3-*
     OBAC 062B 01FF
                                                                                       FDB
                                                                                                             LEAVE, BRAH
                                                                                                            DTRAL4-*
     0000 0006
                                                                                       FDE
                                                                                                                                                                                                                                 ceres of the attack
     OBB2 0773 0915
                                                              DTRAL3
                                                                                       FDB
                                                                                                            ONE . SUB
                                                                                                                                                                                                                                                BARA OLARA
     OBB6 0228
                                                              DTRAL4
                                                                                       FDB
                                                                                                            XLOOP
     OBBS FFEO
                                                                                       FDB
                                                                                                            DTRAL2-*
                                                                                                                                                                                                                                 mena , the mean
     0800 ASE0
                                                                                       FDB
                                                                                                             SEMIS
                                            OBBC NEXTHM SET
                                                                                                             *
                                                                                                                                                                                                                                 4310 6433
     OBBC C1
                                                                                       FCB
                                                                                                             $C1
     OBBD A2
                                                                                                             $80+"
                                                                                       FCB
     OBBE OB84
                                                                                       FDB
                                                                                                            LASTNH
                                            OBBC
                                                          LASTHH
                                                                                      SET
                                                                                                            NEXTRM
                                                                                                                                                                      1500 000
    OBCO 0073 01EE
                                                                                                           QUOTE
                                                                                       FDB
                                                                                                                                                                                                                                เมราย การอย ยอยชั
     OBC4 22
                                                                                                            $22 quote
                                                                                       FCE
                                                                                                                                                                                                                                                   AD DITO
    OBC$ 0883 06A7
                                                                                       FDB
                                                                                                            STATE, AT, ZBRAN
                                                                                                                                                                                                                                 5340 3585 1185
    OBC9 020B
                                                                                                                                                                                                                                                BUMBLE FORD
    OBCB 0014
                                                                                      FDB
                                                                                                            OUOTE1-*
    OBCD OAAE OBF9
                                                                                                           COMPIL, PQUOTE, WORD, HERE, CAT, ONEP, ALLOT, BRAIL COLLEGE
                                                                                      FDB
    OBD1 ODED OSD8
                                                                                                                                                                                                                                A HAP AND DATE
    ODD5 06B3 047F
                                                                                                                                                                                                                                   My The Wall to E the !
    OED9 OSES OIFF
                                                                                                                                                                                                                                                 0320 4536
                                                                                                           OBDD 0014
                                                                                      FDB
    OBDF ODED OSD8
                                                             QUOTE1
                                                                                     FDB
                                                                                                           WORD, HERE, HERE, CAT, ONEP, PAD, SWAP, CHOVE, PAD, 1500 TENO
    CI 30 8 GI 80 E E E I 0
                                                                                                                                                                                                                                  ISEO MANO BESO
    OBE7 047F ODDB
                                                                                                                                                                                                                                     THE CARE ON
    OBEB 0679 036D
                                                                                                                                                                                                                                 arm eron lego
    OBEF ODDE
                                                                                                           SEMIS : 15 COMPANY CONTRACTOR OF THE SEMISOR OF THE
    OBF1 0080
                                                              QUOTE2
                                                                                      FDB
                                           OBF3 NEXTNM SET
                                                                                                           * The state of the
                                                                                                                                                                                                                                 7515 2500 731
    1BF3 83
                                                                                                           $83
                                                                                      FCE
                                                                                                                                                                                                                                 S COPP CORE
    ODF4 23 22
                                                                                                            /("/
                                                                                      FCC
                                                                                                                                                                                                                                 0300 C* 30 TEA
    OBF6 A9
                                                                                      FCB
                                                                                                           $80+1)
                                                                                                                                                                                                                                                    1 6737
                                                                                                                                               Thomas & theody
    ODF7 OBBC
                                                                                                           FDB
                                                                                                                                                                                                                                  000 0000 0000 0000
                                          OBF3 LASTIM
                                                                                     SET
                                                                                                           NEXTNM
                                                                                                                                                                                                                                                #630 0810
   OBF9 0073 0654
                                                             PQUOTE
                                                                                     FDB
                                                                                                           DOCOL, R, DUP, CAT, ONEP, FROMR, PLUS, TOR, SEMIS
                                                                                                                                                                                                                                                nibo sair
   OBFD 068A 06B3
                                                                                                                                                                                                                                585A 6530 061b
   0C01 047F 0647
                                                                                                                                                                                                                                 then even meth
   0005 041D 0639
                                                                                                                                                                                                                                The State of State
   0000 0080
                                                                                                                                                                                                                                 的作用的 的复数计算 持军持续
                                           OCOB NEXTNM SET
   0C0r 84
                                                                                                           $84
                                                                                     FCB
                                                                                                                                                                                                                                                 THE PARTY
   OCOC 28 2E 22
                                                                                     FCC
   OCOF A9
                                                                                     FCB
                                                                                                           $80+1)
                                                                                                                                                                                                                                                da30 0830
   0C10 0BF3
                                                                                     FDE
                                                                                                          LASTNH
                                                                                                                                                                             the Arman Court
                                                                                                                                                                                                                                                 0000 X890
                                          OCOB LASTNM SET
                                                                                                          NEXTHM .
                                                                                                                                                                                                                                                               A60.1
   0012 0073 0654
                                                          PDOTQ
                                                                                     FDB
                                                                                                          DOCOL, R, COUNT, DUP, ONEP, FROMR, PLUS, TOR, TYPE, SEMIS COME
   0C16 0B4F 068A
                                                                                                                                                                                                                                The green again
   OC1A 047F 0647
                                                                                                                                                                                                                                at in order sean
   OCIE 041D 0639
                                                                                                                                                                                                                                 1848 0100 0700
   0022 0052 0000
                                                                                                                                                                                                                                 Fram Pilot to
                                          OC26 HEXTHM SET
```

**建筑的数据。** 

```
(C)1980 TALBOT MICROSYSTEMS :
                                   4-20-80 TSC ASSEMBLER
                                                                  PAGE
                                                                          26
68'FORTH for 6809 : FIG MODEL
  0C26 C2
                                       $C2
                               FCB
                                                  INMEDIATE
  OC27 2E
                               FCB
                                       $80+"
  0C28 A2
                               FCB.
  OC29 OCOB
                                       LASTNM
                               FDE
                0C26
                      LASTNM
                                       NEXTNH
                               SET
  OC2B 0073 01EE
                      DOTQ
                               FDB
                                       DOCOL, CLITER
                                       $22
  OC2F 22
                               FCB
                                                  quote
  OC30 0883 06A7
                                       STATE, AT, ZERAN
                               FDB
  0C34 020B
  0036 0014
                                       DOTQ1-*
                               FDB
  OC38 OAAE OC12
                                       COMPIL, PDOTQ, WORD, HERE, CAT, OMEP, ALLOT, BRAN
                               FDB
  OC3C ODED OSD8
   C40 06B3 047F
  JC44 08E8 01FF
  OC48 000A
                                       DOTQ2-*
                               FDB
  OC4A ODED 08D8
                      DOTQ1
                               FDB
                                       WORD, HERE, COUNT, TYPE
 OC4E OB4F OB62
 0052 0080
                      DOTQ2
                                       SEMIS
                               FDB
 0C54
                               WORDM 6, ?STAC, K maachine dependent
 OC5D 0073 01E7
                      QSTACK
                               FDB
                                       DOCOL, LIT
 0C61 003B
                               FDB
                                       SINIT-PRGBGN
 OC63 07C7 06A7
                               FDB
                                       PORIG, AT, SPAT, LESS, ONE, QERR
 OC67 01BB 05A3
 OC6B 0773 0A20
 OC6F O1BB
                      QSTAC2
                                       SPAT
                               FDB
 OC71 03D8 01EE
                                       HERE, CLITER
                               FDB
 0075 80
                               FCB
                                       $80.
                                                 want 128 spaces higher than dict
 OC76 041D 05A3
                               FDB
                                       PLUS, LESS
                                       TWO, QERR
 OC7A 077B 0A20
                               FDB
                                                 full stack
 OC7E 0080
                      QSTAC3 FDB
                                       SEMIS
                      * WORDM 5,?FRE,E is done by ?STACK in this version
                      *QFREE FDB DOCOL, SPAT, HERE, CLITER
                      * FCB $80
                      * FDB PLUS, LESS, TWO, QERR, SEMIS ...
 0320
                               WORDIN
                                       3,RO,T
 0086 0073 0639
                                       DOCOL, TOR, SWAP, FROMR, SWAP, SEMIS
                      ROT
 OC8A 0679 0647
 OCSE 0679 0080
 0C92
                                       6, EXPEC, T
                               WORDM
 OC9B 0073 065D
                      EXPECT
                                       DOCOL, OVER, PLUS, OVER, XDO
 OC9F 041D 065D
 OCA3 0261
 OCA5 OOD3 068A
                      EXPEC2
                               FDB
                                       KEY, DUP, LIT
 OCA9,01E7 grant
 OCAB 2020 06B3
                                       XLINDL, CAT, EQUAL, ZBRAN
                               FDB
 OCAF 0921 020B
 OCB3 0018
                                      EXPECZ-*
                               FDB
 OCB5 066B 01E7
                               FDB
                                      DROP, LIT, XLINDE, CAT, FROMR, DROP, OVER, ONEH, TOR, BRAH
 OCE9 2021 06B3
 OCBD 0647 066B
 C1 065D 049D
 ULCS 0639 01FF
```

```
(C)1980 TALBOT MICROSYSTEMS
                                                                PAGE TT 27 CT THE TOTAL TOTAL TOTAL CO.
                             4-20-80 TSC ASSEMBLER
68 FORTH for 6809 : FIG MODEL
                                                                                      and are the
  0009 0055
                              FDB
                                      EXPEC6-*
                                                                                      AC 1539
  OCCB 068A 01E7
                      EXPECZ FDB
                                                             $ 75.
                                      DUP, LIT, XBKSP, CAT
                                                    1.约特尔
  OCCF 201E 06B3
                                                                                      -SA-8836
                                                                                    RODA TOTAL
 OCD3 0921 020B
                              FDB
                                      EQUAL, ZERAN
 0CD7 0022
                                                              THE SHOW
                              FDB
                                      EXPEC3-*
                                                                   CITAL!
 OCD9 066B 01E7
                                                                               - KÉTÀ E (M) ARRA
                              FDB
                                      DROP, LIT
 OCDD 201F 06B3
                              FDB
                                      XBKSPE, CAT
                                      OVER, I, EQUAL, DUP, FROMR, TWO, SUB, PLUS, TOR, SUB, ERAN
 OCE1 065D 0270
                              FDB
 OCE5 0921 068A
                                                                                     Adjust as on
 OCE9 0647 077B
                                                                               CATED TOTALS SEEMS
 OCED 0915 041D
                                                                               नाम असम् करा
 OCF1 0639 0915
                                                                               医乳色性 机铁路线 医抗
 ·OCF5 O1FF
                                                                               JAA DEER HING
 OCF7 0027
                                     EXPEC6-*
                              FDB
                                     DUP, CLITER
                                                                                     2000 8400
 OCF9 068A 01EE
                     EXPEC3
                             FDB
                                     $D (CR)
                                                                   10000
                                                                               occas come accor
 OCFD OD
                              FCB
                                                                               COMO MAMO YAYO
 OCFE 0921 020B
                              FDB
                                     EQUAL, ZERAN
                                                                                     BRAD REON
 0D02 000E
                              FDB
                                     EXPEC4-*
                                     LEAVE, DROP, BL, ZERO, BRAN
 CD04 062B 066B
                                                                               essa.
Rosto tato desa
                              FDB
 0D08 078C 076B
 ODOC OIFF
                                                                                     5000 4300
 ODOE 0004
                                                                               Tago ibto tabd
                              FDB | See EXPEC5-* Color | 1989
 0D10 068A
                                                                               EXPEC4
                              FDB
                                     DUP
                                                                               0130 6570 8000
 OD12 0270 06CF
                     EXPEC5
                              FDB
                                     I, CSTORE, ZERO, I, ONEP, STORE
 OD16 076B 0270
                                                                                     METO 5830
                                                             1.0
                                                                               BILL CHOP BILLS
 OD1A 047F 06BF
 ODIE 00B3 0228
                                                                                       438 425 343
                     EXPEC6
                             FDB
                                     EHIT, XLOOP
                                                                               7570 0100 AVS.
 0D22 FF83
                              FDB
                                     EXPEC2-*
                                                                               的大大的 有数信息 医红色体
 0D24 066B 0080
                                     DROP, SENIS
                              FDB
                                     5, QUER, Y
                                                                                    00000 RE
 0D28
                              WORDM
 7D30 0073 07E9
                                     DOCOL, TIB, AT, COLUMS, AT, EXPECT, ZERO, IN, STORE, SEMIS
                     QUERY
                              FDB
 OD34 06A7 08CD
                                             ्रिक के अन्तर केल्लिक स्टब्स्ट संस्कृतिक स्टब्स्ट
स्टब्स्ट स्टब्स्ट स
 OD38 06A7 0C9B
                                                 क्तान पुरुषक्षेत्रक सर्वेत्रक सर्वे क्या ।
स्वेत्रक स्थानको स
 OD3C 076B 083A
 0D40 06BF 0080
                                                                               orta stan aran
                                     TOIL
               0D44
                     HEXTHM
                              SET
                                                                               TYRK 9679 4967
 OD44 C1
                                     $C1
                              FCB
                                               INMEDIATE
                                                                               orse made codes
 0D45 80
                              FCB
                                     $80
                                                ( NULL)
 OD46 OD23
                              FDB
                                     LASTNH
                                                                               ereko 1500 semo
                                                                   454983
              0D44
                     LASTNM
                              SET
                                     NEXTNM
                                                                               digner offen 1900
 0D48 0073 0831
                     NULL
                             FDB
                                     DOCOL, BLK, AT, ZBRAN
                                                                                     00% 0261
 OD4C 06A7 020B
                                     10.46 £300 £200
 0D50 0026
                              FDB
                                     ONE, BLK, PSTORE, ZERO, IN, STORE, BLK, AT, BSCR, MOD, ZEQU 8 AUG. 6 AUG.
 OD52 0773 0831
                             FDB
 0D56 0696 076B
                                                                               agen (Kehranbu
 0D5A 083A 06EF
                                                                                     * (pa *# 10
 OD5E 0831 06A7
                                                  - - - 3 T/1
                                                                               प्रवास वर्तनेत त्रेल्ड
 OD62 17C5 052D
                                   医二氯化二甲基乙酰 医乙酰 经销售
                                                                               PC57 2021 0883
 OD66 | 05FE
                                                                               MARY TARRETTERS
                       check for end of screan
                                                                               ngani daan 17 '
 OD68 020 B
                             FDB
                                     ZBRAH
 8000 V9d0
                             FDB
                                     NULLI-*
```

```
4-20-80 TSC ASSEMBLER
(C)1980 TALBOT HICROSYSTEMS
                                                                           28
68'FORTH for 6809
                   : FIG MODEL
                                       QEXEC, FROIR, DROP
  OD6C 0A51 0647
                               FDB
  OD70 066B
                   MANULL1 FDB
                                       BRAN
  0D72 01FF
                                       NULL3-*
                               FDB
  OD74 0006
  OD76 0647 066B
                       NULL2
                               FDB
                                       FROMR, DROP
                       NULL3
                               FDB
                                       SEMIS
  OD7A 0030
                                       4,FIL,L
                               WORDM
  OD7C
                       FILE: TO FOB ... DOCOL, SWAP, TOR, OVER, CSTORE, DUP, ONEP, FROMR, ONE
  OD83 0073 0679
  OD87 0639 065D
  OD8B 06CF 068A
  ODSF 047F 0647
                        MACINA, Supply TA, and State Digital States
  DD93 0773
                                FDB
                                       SUB, CHOVE, SENIS
  OD95 0915 036D
  0099 0080
                                       5, ERAS, E
                                WORDM
  OD9E
  ODA3 0073 076B
                                       DOCOL, ZERO, FILL, SEMIS
                                FDB
                       ERASE
  ODA7 OD83 0080
                                MORDM
                                       6, BLANK, S
  ODAB
                                       DOCOL, BL, FILL, SEIIS
  ODB4 0073 078C
                       BLANKS
                                FDB
  0300 E8QO 88do
                                       4, HOL, D
                                WORDM
  ODBC
                                       DOCOL, LIT, $FFFF, HLD, PSTORE, HLD, AT, CSTORE, SEIIS
                                FDB
  ODC3 0073 01E7
                       HOLD
  ODC7 FFFF 08BF
  ODCB 0696 OEBF
  ODCF 06A7 06CF
  0DD3 0080
                                WORDM
                                        3,PA,D
  ODD5
                               FDB
                                       DOCOL, HERE, CLITER
  ODDB 0073 08D8
                       PAD
  ODDF OIEE
                                        $44
   DDE1 44
                                FCE
                                        PLUS, SEMIS
                                FDB
   DE2 041D 0080
                                        4, WOR, D
                                WORDM
  ODE 6
                                        DOCOL, BLK, AT, ZBRAII
   ODED 0073 0831
                       WORD
                                FDB
  ODF1 06A7 020B
                                        WORD 2-*
  ODF5 000C
                                FDB
                                        BLK, AT, BLOCK, BRAN
   ODF7 0331 06A7
                                FDB
   ODFB 12BO O1FF
                                        WORD3-*
  ODFF 0006
                                FDB
                                        TIB, AT
                                FDB
   OEO1 07E9 06A7
                       WORD 2
                                        IN, AT, PLUS, SWAP, ENCLOS, HERE, CLITER
   OEO5 083A 06A7
                       WORD3
                                FDB
   0E09 041D 0679
   OEOD 0318 08D8
   OE11 O1EE
                                        34
                                FCB
   0E13 22
                                        BLANKS, IN, PSTORE, OVER, SUB, TOR, R, HERE, CSTORE, PLUS
   CE14 ODB4 083A
                                FDB
   OE18 0696 065D
   OEIC 0915 0639
   0E20 0654 08D8
                           Oak Park Williams
   0E24806CF 041D . 11111
                                        HERE, ONEP, FROMR, CHOVE, SEMIS
   OE23 OED3 047F
                                FDB
   OE2C 0647 036D
```

0E30 0080

```
(C)1980 TALBOT MICROSYSTEMS
                                                               4-20-80 TSC ASSEMBLER
                                                                                                                          PAGE THE 29 MARKET THE EAST (DEC 1 (D)
68 FORTH for 6809 : FIG MODEL
                                                                                                                       is internación in inchina sea 知的意味。
                                                         WORDM 8, (NUMBER,)
   0E32
                                                                                                                                                   apet oast oest
   0E3D 0073
                                         PNUMB
                                                         FDB
                                                                        DOCOL
                                                                                                                                                            maad eran
   0E3F 047F 06SA
                                         PHUMB2
                                                         FDB
                                                                       ONEP, DUP, TOR, CAT, BASE, AT, DIGIT, ZBRAN
                                                                                                                                                             3310 CT00
   0E43 0639 06E3
                                                                                                                $5.55 }
                                                                                                                                                             Coll : 0000
   0E47 088E 06A7
                                                                                                                            enze en62 o 65 e e enez
                                                                                                                   2017
   OE4B 0295 020B
                                                                                                                                                             agan Atia
                                                                                                                  277 7
                                                                                                                             11111,7,3
   0E4F 002C
                                                         FDB
                                                                       PNUIB4-*
                                                                                                 and a secretarity
   0E51 0679 088E
                                                         FDB
                                                                       SWAP, BASE, AT, USTAR, DROP, ROT, BASE
                                                                                                                                                  adás dová kere
   0E55 0GA7 0394
                                                                                                                                                   तर ना एर्ट्स्ट एक्वन
   OE59 066B 0C86
                                                                                                                                                   មស្សា មក់កុំម៉ូ ស័ព្ទប
   0E5D 088E
                                                                                                                                                   13 40 3 60 B 160
   0E5F 06A7 0394
                                                        FDB
                                                                       AT, USTAR, DPLUS, DPL, AT, ONEP, ZBRAN
                                                                                                                                                           一年大大寺 建黄色
   0E63 042B 0898
                                                                             为一种的人性。 1955年 1956年 - 1966年
                                                                                                                                                   सन्दर्भ है। एक देशवार्ज
   0E67 06A7 047F
                                                                                                                                                             pros ecco
   OE6B 020B
                                                                                                                                                                      4500
   0E6D 0008
                                                        FDB
                                                                       PNUMB3-*
                                                                                                     क्रिया । व्हार
                                                                                                                                                  ROTO ELOD ENGO
   OE6F 0773 0898
                                                         FDB
                                                                       ONE, DPL, PSTORE
                                                                                                                                                   BEAT BIRT DOUBLE
   0E73 0696
                                                                       FROMR, BRANGE, SOCIETY STREET STREET
   DE75 0647 01FF
                                        PHUMB3
                                                        FDB
                                                                                                                                                   on so isteel ward
   0E79 FFC6
                                                        FDB
                                                                       PNUIB2-*
                                                                                                                                                   estan phan shar
   0E7B 0547 0080
                                                                       FROM SEMIS
                                        PNUMB4
                                                        FDB
  0E7F
                                                                                                 mand and the
                                                        WORDM
                                                                       6, NUMBE, R
                                                                                                                                                  THE ELM LOND
  0E88 0073 076B
                                                                       DOCOL, ZERO, ZERO, ROT, DUP, ONEP, CAT, CLITER 20 18 18 1000
                                        NUMB
                                                        FDB
  OE3C 076B 0C86
                                                                                                                                                   TASO ARAS RUGO
  0E90 068A 047F
                                                                                                                                                   once onar name
  0E94 06B3 01EE
                                                                                                                                                             capa suda
  0E98 2D
                                                        FCB
                                                                       - minus sign of succession
                                                                                                                                                                        * ***
  0E99 0921 068A
                                                        FDB
                                                                      EQUAL, DUP, TOR, PLUS, LIT, $FFFF (184)
                                                                                                                                                   sage stad gáca
  0E9D 0639 041D
                                                                                                                                                             AC10 7370
  OEA1 01E7 FFFF
                                                                                                                                                              - AB 330
   `EA5 0898 06BF
                                        NUMB1
                                                        FDB
                                                                      DPL, STORE, PNUMB, DUP, CAT, BL, SUB, ZBRAN
                                                                                                                                                  082 841p 0089
  UEA9 0E3D 068A
                                                                                      6万百余
  OEAD 06 B3 07 8C
                                                                                                                                                  00H0 007 F 6677
                                                                                                                               11 21 31 31
  OEBI 0915 020B
                                                                                                                                                   daga 1886 1900
  OEB5 0015
                                                        FDB
                                                                      NUI1B2-*
                                                                                                                                                            9000 EHAC
  OER7 068A 06B3
                                                        FDB
                                                                      DUP, CAT, CLITER WAR
                                                                                                                                                   CDEF GRAF COAT
  OEBB OIEE
                                                                                                                                                   0110 4900 0110
  OEBD 2E
                                                        FCB
                                                                                                                                                             2000 9900
  OEBE 0915 076B
                                                        FDB
                                                                      SUB, ZERO, QERR, ZERO, BRAN
                                                                                                                                                   1200 1940 1000
                                                                                                                              CHEINT
 OEC2 0A20 076B
                                                                      grange of Broken and Albanda and Albanda
                                                                                                                                                   7 AMA ARAB 2010
  OEC6 OIFF
                                                                                                                                                   oran edan paga
  OEC8 FFDD
                                                       FDB
                                                                      NUMB1-*
                                                                                                                                                   Entra Alle come
 OECA | 066E 0647
                                       NUMB2
                                                       FDB
                                                                      DROP, FROM, ZBRAN
                                                                                                                                                             3510 1140
 OECE 020B
                                                                                                                                                                0813 22
 0ED0 0004
                                                       FDB
                                                                     .NUMB3-*
                                                                                                                                                  data ongs aros.
                                                                                                                   .5735
  OED2 0461
                                                       FDB
                                                                     DHINUS
                                                                                                                                                   92 89 30 AO 8120
 0800 DED4
                                       NUMB3
                                                       FDB
                                                                     SEMIS
                                                                                                                                                   *CON 2 (1871 21/20)
 0ED6
                                                       WORDM
                                                                                                                                                   2027 2530 0530
                                                                     5.-FIN.D
 CEDE 0073 078C
                                       DFIND
                                                       FDB
                                                                     DOCOL, BL, WORD, HERE, CONTXT, AT, AT, PFIND, DUP, ZEQU, ZBRAM
 OEE2 ODED 08D8
                                                                            and the state of t
                                                                                                                                                  HERAIT BAND TERM
 OEE6
           0869 06A7
                                                                                                                                                   10525 Ester crisi
 OEEA |
           06A7 02C8
                                                                                                                                                             arau nggo
```

```
68'FORTH for 6809 : FIG MODEL
 OEEE 068A 05FE
 OEF2 020BgJ, Ngd, toddA, Mab, dis, sa, man, to
  OEF4 000A
                               FDB
                                      DFIND2-*
  OEF6 066B 08D8
                               FDB
                                      DROP, HERE, LATEST, PFIND
  OEFA 09B7 02C8
                                      SEMIS
 OEFE 0080
                      DFIND2
                               FDB
 OFOO
                               WORDM
                                     7,(ABORT,)
                                      DOCOL, ABORT, SEMIS
                               FDB '
  OFOA 0073 1120
                      PABORT
 OFOE 0080
                               WORDM
                                      5 ERRO R
 0F10
 OF18 0073 0803
                      ERROR
                              FDB
                                      DOCOL, WARN, AT, ZLESS, ZBRAN
   FIC 06A7 0611 THE PART OF SA
  F20 020B
                      * WARNING is -1 to abort, 0 to print error #, and >1 to print
                                 error message from the message SCReen on disk
 OF 22 0004
                              FDB
                                      ERROR2-*
                                      PABORT
 OF24 OFOA
                               FDB
                                      HERE, COUNT, TYPE, PDOTQ
 OF26 OSD8 OB4F OF ERROR2 FDB
 OF2A 0B62 0C12
                                      4,7
 OF 2E 04 07
                              FCB
                                                 (BELL)
                                      " ? "
 OF30 20 3F 20
                              FCC
 OF33 1372 O1CA
                              FDB
                                      MESS, SPSTOR, IN, AT, BLK, AT, QUIT, SEHIS
 OF37 083A 06A7
 OF3B 0831 06A7
 OF3F 10F2 0080
 OF43
                              WORDM
                                      3,ID,.
 OF49 0073 ODDB
                      IDDOT
                                      DOCOL, PAD, CLITER
 OF4D OIEE
 OF4F 20
                              FCB
                                      32
 OF50 01EE
                              FDB
                                      CLITER
   52 5F
                              FCB
  753 OD83 O6 SA
                              FDB
                                      FILL, DUP, PFA, LFA, OVER, SUB, PAD, SWAP, CHOVE
 OF57 09F9 09C7
 OF5B 065D 0915
 OF5F ODDB 0679
 OF63 036D
 OF65 ODDB OB4F
                              FDB
                                      PAD, COUNT, CLITER
 OF69 01EE
 OF6B 1F
                              FCB
 OF6C 03ED 0B62
                                      AND, TYPE, SPACE, SEHIS
                              FDB
 OF70 093D 0080
 0F74
                              WORDH
                                      6, CREAT, E
 OF7D 0073 0EDE
                      CREATE
                                      DOCOL, DFIND, ZBRAN.
                              FDB
 OF81 020B
 OF83 001A
                                      CREAT2-*
                              FDB
 OF85 Q66B OC12
                              FDB
                                      DROP, PDOTQ
 OF89 08 07
                                      8,7
                                                 (BELL)
                              FCB
                                      "redef: "
 OF8B 72 65 64 65
                              FCC
 OF8F 66 3A 20
 QF92 09E4 0F49
                              FDB
                                      NFA, IDDOT, CLITER
   96 01EE
 OF98 04
                              FCB
```

4-20-80 TSC ASSEMBLER

PAGE

30

(C)1980 TALBOT MICROSYSTEMS

```
(C)1980 TALBOT MICROSYSTEMS
                                       4-20-80 TSC ASSEMBLER
                                                                  PAGE of 31 agrees that the orei (b)
68 FORTH for 6809 : FIG NODEL
                                                                 and the first of the control of the thirther than
  OF99 1372 093D
                               FDB
                                      MESS, SPACE
                                                                                erro chab gang
  OF 9D 08D8 063A
                      CREAT2
                               FDB
                                      HERE, DUP, CAT, WIDTH, AT, MIN, ONEP, ALLOT, DUP, CLITER 2330
  OFA1 06B3 07F5
                                                                                     OBPA COOK
 OFA5 06A7 094B
                                                                                nithe dates again
 OFA9 047F 08E8
                                                                               come vaeb asso
 OFAD OGEA OIEE
                                                     जनारहरू - व्यक्ति विद्यासिक्ट
१८०७ - स्थानमञ्ज
                                                                                     MADO 3-30
 OFB1 AO
                              FCB
 OFB2 0715 08D8
                               FDB
                                      TOGGLE, HERE, ONE, SUB, CLITER
                                                                   CROMA *
 OFB6 0773 0915
                                                                                     eren dago
 OFEN OIEE
 OFBC 80
                              FCB
                                                                     · "我看得什么,我们还是不能要。"我想像
  'FBD 0715 09B7
                                      TOGGLE, LATEST, COIDIA, CURENT, AT, STORE, HERE, TWOPAGE TO
                              FDB
 OFC1 08F4 0877
 OFC5 06A7 06BF
 OFC9 08D8 048E
 OFCD 08F4 0080
                              FDB
                                      COMMA, SENIS
                                                                                     0000 5530
 OFD1
                              WORDM
                                      9,[COMPILE,],IMEDIATE
                                                                                    Control of the
 OFDD 0073 0EDE
                      BCOMP.
                                      DOCOL, DFIND, ZEQU, ZERO, QERR, DROP, CFA, COMMA, SEMIS
                              FDB
 OFE1 05FE 076B
                                                                              s of the capacity of
 OFE5 0A20 066B
 OFE9 09D6 08F4
                                                                                187 - K 81 65
 OFED 0080
                                                                                VOID STEE CETT
 OFEF
                              WORDM
                                      7, LITERA, L, INMEDIATE
                                                                                Chall Afan tran
 OFF9 0073 0883
                      LITER
                              FDB
                                      DOCOL, STATE, AT, ZBRAN
                                                                                7730 1589 HERB
 OFFD 06A7 020B
                                                                                er of the stro
 1001 0008
                              FDB
                                      LITER2-#
                                      COMPIL, LIT, COMMA
 1003 OAAE 01E7
                              FDB
                                                                     to the to
                                                                                condition by the
 1007 08F4
                                                                                     aran Agga
 1009 0080
                     LITER2
                              FDB
                                      SEMIS
 100B
                              WORDM
                                     8, DLITERA, L, INSEDIATE
 1016 0073 0883
                     DLITER
                              FDB
                                     DOCOL, STATE, AT, ZBRAN
 -01A 06A7 020B
                                     Agan todo fat
 101E 0008
                              FDB
                                                                                1250 6360 teau
 1020 0679 OFF9
                              FDB
                                      SWAP, LITER, LITER
                                                                                9858 8658 8915.
 1024 OFF9
                                                                                OFSE COOR Sers
 1026
      0300
                     DLITE2
                              FDB
                                     SEMIS
                                                                                      date tand
 1028
                              WORDM
                                     9, INTERPRE, T, NOIM
                                                                                 Carl alian Carlo
 1034 0073
                     INTERP
                              FDB
                                     DOCOL
                                                                                      2010 9310
 1036 OEDE 020B
                     INTER2
                              FDB
                                     DFIND, ZBRAN
                                                                                        31 ae 10
 103V 001E
                              FDB
                                     INTER5-*
                                     STATE, AT, LESS
                                                                              in hand count care
 103C 0883 06A7
                              FDB
 1040 05A3
 1042 020 B
                              FDB
                                     ZBRAH
                                                                                man that at at
1044 0000
                              FDB
                                     INTER3-*
                                                                                      Sec. 12 30
 1046 09D6 08F4
                                     CFA, COIDIA, BRAN
                              FDB
                                                                                      arga (839
104A 01FF
                                                                                5100 0000 8310
 104C 0006
                              FDB
                                                                                 (d. 64 6436
                                     INTER4-*
104E 09D6 0091
                     INTER3
                             FDB
                                     CFA, EXEC
                                                                              OTAR 12 AT 64 CS
1052 OC5D O1FF
                     INTER4
                             FDB
                                     QSTACK, BRAH
                                                                                00 00 80 3010
1056 001A
                              FDB
                                     INTER7-*
                                                                                gasp erch with
1058 | 08D8 | 0E88
                     INTERS
                             FDB
                                                                                      ggar er
                                     HERE, HUMB, DPL, AT, ONEP, ZBRAN
1050 0098 06A7
```

```
4-20-80 TSC ASSEMBLER
                                                                  PAGE
                                                                          32
68'FORTH for 6809
                    : FIG HODEL
                       全国国际,在马克斯巴克斯,包括人
  1060 047F 020B
  1064 0008
                               FDB
                                      INTER6-*
  1066 1016 01FF
                               FDB
                                      DLITER, BRAN
  106A 0006
                               FDB
                                      INTER7-*
  106C 066R OFF9
                      INTER6
                               FDB
                                      DROP LITER
  1070 OC5T: 01FF
                      INTER7
                               FDB
                                      QSTACK, BRAII
  1074 FFG2
                               FDB
                                      INTER2-*
                      * FDB SEMIS never executed
  1076
                               WORDM 9, INDEDIAT, E
  1,082 (073 09B7
                      iided 🥍 fob
                                      DOCOL, LATEST, CLITER
 J086 JIEE
  (088 40
                               FCB
                                     $40
  JOSO 0715 0080
                              FDB
                                     . TOGGLE, SENIS
 1 U8D
                              WORDH 10, VOCABULAR, Y
                      VOCA B
 109A 0073 06E4
                                  DOCOL, BUILDS, LIT, $81A0, COMIA, CUREIT, AT, CFA, COIGIA
 109E 01E7 81A0
 10A2 08F4 0877
 10A6 06A7 09D6
 10AA 08F4
                        HERE, VOCLIN, AT, COMMA, VOCLIN, STORE, DOES
 10AC 08D8 0827
 10E0 06A7 08F4
 10B4 0827 06BF
 10DB 06F4
 10BA 048E 0869
                     DOVOC
                                      TWOP, CONTXT, STORE, SENIS
 JOBE 06BF 0080
-1002 0000
                              FDB
 10C4
                                      11, DEFINITION, $
                              WORDM
 10D2 0073 0869
                     DEFIN
                                      DOCOL, CONTXT, AT, CURENT, STORE, SENIS
                              FDB
 10D6 06A7 0877
  ODA 06BF 0080
  DE:
                                     1,,(,IIDEDIATE
                              WORDM
  JE2 0073 01EE
                     PAR EN
                              FDB
                                     DOCOL, CLITER
 10E5 29
                                      1)
                              FCI
 10E7 ODED 0080
                              FDB
                                     WORD, SENIS
 10EB
                              WORDN
                                     4,QUI,T,NOIM
 10F2 0073 076B
                     QUIT
                              FDB
                                     DOCOL, ZERO, BLK, STORE, LBRAK
 10F6 0831 06BF
 10FA OAC4
                     * Here is outer interpreter which gets line of input, does it, and
                     * then prints " OK" and repeats.
 10FC 01D8 0100
                     QUIT2
                                     RPSTOR, CR, QUERY, INTERP, STATE, AT, ZEQU, ZERAN
                              FDB
1100 OD30 1034
1104 0883 06A7
 1108 O5FE 020B
110C 0008
                              FDB
                                     QUIT3-*
110E 0C12
                              FDB
                                     PDOTO
1110 03
                              FCB
1111 20 4F 4B
                              FCC
                                     " OK"
1114 01FF
                     QUIT3
                              FDB
                                     BRAN
 6 FFE6
                              FDB
                                     QUIT2-*
                     * FDB SEMIS never executed
1118
                             WORDM 5, ABOR, T
```

(C)1980 TALBOT HICROSYSTEMS

(C)1986	O TALEOT HICKOTH For 6809	SYSTEMS FIG MOD	DEL : 1	4-20-80 TS	C ASSEMBLI	ER PA	GE, 33°,	MARCH BUILD		
1120	0073 01CA	ABORT	FDB	DOCOL, SPSTO	P DEC DESI	EDU CD				
	OBOC 1312			20001,01010	K, DLO, DKE	eno, on,	roord	## T. P.	47.40	
	0100 OC12				971 (1)	753				
112C			FCB	18	1.	$f' \in \mathcal{R}$			3101	
112D			FCC	"68 FORTH-0	9 VERS ∲"	<b>投稿</b> [1]			3000	
	4F 52 54 43		ruu	00 FURTH-U	A AFK2 &	₫Œ3	AGRETIC .		1.540	
1135				2 - 1 - 3		$e^{2}q$ $x$	1 197011	7.71	43313	0101
	56 45 52 53				• • • • • • • • • • • • • • • • • • • •	8.37			4914	7.301
113D				* .	ig i de servicione	p 555 12	Land to Nove		,	
	01E7 0008				<u> </u>		_			atot
1143			FDB	LIT, VERSON,	DUP, CAT, DO	T, PDOT	<b>Q</b> ampik	State of the	27.1	1881
	167C 0C12						•		2111	1000
					4 2 3 4 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				6.7	1337
114B 114C			FCB	1 1000	1 1 1 AT			11. 11.19	3,170	4.36
			FCB		994,415	1111 2				9604
1151	047F 06E3		FDB	ONEP, CAT, DO	$\mathbf{r} = \frac{1}{2} e^{i \epsilon_{r} r_{r}}$	10.4 9	52507	Other Comment	1300	200 F
				•		•		(), (3)	7311	3001
	076B 083A		FDB	ZERO, IN, STO	re,zero,bl	K, STORI	Ξ	6327	nar <sub>u</sub>	5201
1157	06 BF 07 6B	•						(200	1.140	1026
							• -		2 17 15 15	· 555
	2058 10D2		FDB	FORTH, DEFIN	,LIT,IFCOL	D, CAT,	ZBRAN	\$37.0	54,34	7.361
	01E7 0138	•	•			_	•		\$ 8.4KF	
	06 B3 020B							4470	1000	<b>១៩២</b> ៤
116E			FDB	ABORTC-*						3461
	076B 01E7		FDB	ZERO, LIT, IFO	COLD, CSTOR	E.GO	1489711	v hán	119.40	
1171	0138 06CF		:		. Note that the second	7 7,7; 3	and the AME of the		35.50	
1175	117E							18 H 18 P	0(0)	
1177	10F2	ABORTC	FDB	QUIT	1	441			\$ 13 15,5 ts 1	1001
		* FDB S		er executed				estimate in the	£ (1,1)	
1179				2,G,0		1 * * *	*1 *1 7 7 1	7 (18)37 4 (8)37	in €. Kirinin Tanan Kabu	
117E	0073 01E7	G0		DOCOL, LIT, X	ISGBS .AT .T	HREE . PI	.US . DRZER	O.LOAD.	SERITS	0101
.182	202E 06A7				,		, and a	,,	, , , , , ,	7,1
1136	0783 041D			*		W. Carlot		to the second of	v wind	33
118A	1812 13C8			· i .		1111		3419	0073	- 120 - 120 l
-118E	0080		•		• * **	71 Th.;		anan		
			PAG	2.1	nerth, author	10%		6.800	¢3/0)	1013
					1.1 111(1, 3		e and was	m 4 20%	£ \$603	
				and the second second	rain to the	3 7	i. Ligi		- \$440 - \$5,30	
		ı						\$ 15 E \$ 1		erate. Sort.
•										
					energy and the second	a say the			•,	
				2	*	1. 1 1			76 6 8 A	45 43 p. 8
				The state of the s	क कब्रासिब	461	47750		8010	
									0000	
					•		,			
								#1000	1330 n	
					$t_1, t_2, t_3$	t: ** ;				.0011
					\$ 15 m	0.00				2011
					* * *	7 7 4				ntti
	1							21 A	11 A 1150	1111

2111

THE SO OF AR

nom an over education serv

and leave birth 199 \* the Compet

```
* Here is stuff which gets copied to ram in us_r space
                                     $C5
                                                5, INTEDIATE
 1190 C5
                             FCB
                     RAM
                                     "FORT"
 1191 46 4F 52 54
                              FCC
                                     $80+1
                              FCB
 1195 C8
                                               LINK "BACK"
                                     NOOP-7
                              FDB
 1196 1A34
 1198 0700 10EA
                     RFORTH
                             FDB
                                     DODOES, DOVOC, $81A0, TASK-7
 119C 81AO 207E
                             FDB
 11AO 0000
                                     "(C) Talbot Microsystems 1980"
 11A2 28 43 29 20
                              FCC
 11A6 54 61 6C 62
 11AA 6F 74 20 4D
                              age of displaying to produce the
 11AE 69 63 72 6F
 11B2 73 79 73 74
 11B6 65 6D 73 20
 11BA 31 39 38 30
                              FCB
                                     $84
 11BE 84
                                     "TAS"
                              FCC
 11BF 54 41 53
                                     $80+*K
 11C2 CB
                              FCB
                              FDB #10 FORTH-8: 4. link "back" to FORTH
 11C3 2050
 1105 0073 0080
                     RTASK
                              FDB
                                     DOCOL, SENIS
                              FCC
                                     "R. J. Talbot, Jr."
 11C9 52 2E 20 4A
                     ERAM
 11CD 2E 20 54 61
 11D1E6C: 62:6F:740, VESSERO, SEGGA, III., A. CH. C. C. C. C. C. C.
 11D5 2C 20 4A 72
, 11D9 2E
```

PAG

RAILED BERTHAM TO HER TO THE CONTRACT OF THE PROPERTY OF THE P

春几点是

1

38 6011

ALAL

BALL

\* Disc primatives : . e and we have Wheep at home? We 11DA WORDM 3,US,E 4: 100 11E0 074A 004B USE FDB DOCON, XUSE 11 of 60 of 52 m 11E4 WORDM iturt 1904 – Argij 1904 – Mil 4,PRE,V 11EB 074A 004D PREV FDB DOCON, XPREV 11EF WORDM 4,+BU,F 4003 00to 6914 11F6 0073 17B9 PBUF FDB DOCOL, BBUF Stab Cair. 11FA O1EE FDB CLITER 11FC 04 FCB 4 . The The TA 11FD 041D FDB PLUS 34 68 67 62 11FF 041D 068A FDB PLUS, DUP, BBUF, PLUS, CLITER CA 65 A5 1203 17B9 041D 1207 01EE 73 70 13 75 1 209 04 FCB os is da da enit 120A 041D 07A4 FDB PLUS, LIMIT, GREAT, ZBRAN OE 35 OE 120E 092D 020B 1212 0006 FDB PBUF2-\* ER IN ME ANTE 1214 066B 0798 FDB DROP, FIRST , and 1218 068A 11EB PBUF2 ODUP, PREV, AT, SUB, SEMIS ETT FDB 121C 06A7 0915 The State of the S  $RS^{n}$ Her enry com 1220 0080 1100 32 2E 10 3A 1222 G, UPDAT, E WORDM te Months as and 122B 0073 11EB UPDATE DOCOL, PREV, AT, AT, LIT, \$8000, OR, PREV, AT, STORE, SEMISH! 122F 06A7 06A7 1105 20 20 44 72 1233 O1E7 8000 1237 03FF 11EB 123B D6A7 O6EF 123F 0080 241 WORDM 13, EMPTY-BUFFER, S 1251 0073 0798 MIBUF FDB DOCOL, FIRST, LIMIT, OVER, SUB, ERASE, SEMIS 1255 07A4 065D 1259 0915 ODA3 125D 0030 125F WORDM 6, BUFFE, R 1268 0073 11E0 BUFFER DOCOL, USE, AT, DUP, TOR 126C 06A7 06SA . 1270 0639 1272 11F6 020D BUFFR2 FDB PBUF, ZBRAN 1276 FFFC FDB BUFFR2-+ 1278 11EO 06BF FDB USE, STORE, R, AT, ZLESS, ZBRAN 127C 0654 06A7 1230 0611 020B 1284 0014 FDB BUFFR3-\* 1286 0654 048E FDB R, TWOP, R, AT, LIT, \$7FFF, AND, ZERO, RW 128A 0654 06A7 128E 01E7 7FFF 1292 03ED 076B 1296 1861 1298 0654 06 DF BUFFR3 FDB R, STORE, R, PREV, STORE, FROMR, TWOP, SEMIS 129C 0654 11EB

```
(C)1980 TALEOT HICROSYSTEMS
                                1.29.34-20-80 TSC ASSEMBLER
                                                                 PAGE
                                                                        36
68 FORTH for 6809 : FIG HODEL
  12AO 06BF 0647
  12A4 048E 0080
                         AMERICAN TORREST
 12A8
                              WORDM 5, BLOC, K
 12BO 0073 085B
                      BLOCK
                                     DOCOL, OFSET, AT, PLUS, TOR, PREV, AT, DUP, AT, R, SUB
 12B4 06A7 041D
 1288 0639 11EB
 12BC 06A7 068A
 12CO 06A7 0654
 1204 0915
 12C6 068A 041D
                              FDB
                                     DUP, PLUS, ZBRAN
 12CA 020B
                                         Carried States and Carl
 12CC 0034
                              FDB
                                     BLOCK5-*
 12CE 11F6 OFFE AND BLOCKS FDB 8 PBUF, ZEQU, ZBRAN 18 1
 12D2 020B
 12D4 0014
                              FDB
                                     BLOCK4-*
 12D6 066B 0654
                              FDB
                                     DROP, R, BUFFER, DUP, R, ONE, RW, TWO, SUB
 12DA 1268 068A
 12DE 0654 0773
 12E2 186A 077B
 12E6 0915
 12E8 068A 06A7
                     BLOCK4 FDB
                                     DUP, AT, R, SUB, DUP, PLUS, ZEQU, ZBRAN
 12EC 0654 0915
 12F0 068A 041D
 12F4 05FE 020B
 12F8 FFD6
                              FDB
                                     BLOCK3-*
 12FA 068A 11EB
                              FDB
                                     DUP, PREV, STORE
 12FE 06BF
 1300: 0647 066B
                 BLOCK5 FDB FROMR, DROP, THOP, SEMIS
 1304 048E 0080
 1308
                             WORDM 5, FLUS, H
  310 0073 07A4
                     FLUSH
                                     DOCOL, LIMIT, FIRST, SUB, BBUF, CLITER
  314 0798 0915
 1318 17B9 01EE
131C 04/300 anore M. Golix FCB.
                                     $04 - 2 - 2 - 1
 131D 041D 051D
                             FDB
                                     PLUS, SLASH, ZERO, XDO
 1321 076B 0261
1325 O1E7
                     FLUSHI FDB
 1327 7FFF
                             FDB
                                     $7FFF
 1329 1268 066B
                             FDB
                                     BUFFER, DROP
132D,0228 ARCAD MAR, ARCHEV, H FDB
                                  XLOOP
 132F FFF6
                             FDB
                                     FLUSH1-*
 1331 0080
                             FDB
                                     SEMIS
1333
                             WORDM 6, (LINE,)
133C 0073 0639
                    PLINE
                             FDB
                                     DOCOL, TOR, CLITER
1340 O1EE
1342 40
                            FCB :
                                    $40
1343 17B9 053D
                                    BBUF, SSMOD, FROMR, SCRBLK, PLUS, BLOCK, PLUS, CLITER
                             FDB
1347 0647 17DB
134B 041D 12B0
134F 041D 01EE
  53 40
                             FCB
                                    $40
```

FDB

SEHIS

1354 0000

```
PAGE 1 37 THE TOTAL 0801(0)
(C)1980 TALBOT MICROSYSTEMS
                                                                                      4-20-80 TSC ASSEMBLER
                                                                                                                                                                                    विकास होता है कर विस्तार है है। है है से सुरात स्थान
68 FORTH for 6809 : FIG MODEL
      1356
                                                                                                                                                                                                                               1 260 000 PH 1545
                                                                                        WORDM
                                                                                                              5, LIN, E
     135E 0073 133C
                                                               DLINE
                                                                                        FDB
                                                                                                              DOCOL, PLINE, DTRAIL, TYPE, SENIS
                                                                                                                                                                                                                              iting tradition to
     1362 OB90 OB62
                                                                                                                        1366 0080
                                                                                                                                                                                                                             F200 6500 0001
                                                                                                                                                                                               330.16
     1368
                                                                                                                                                                                                                               1286 3647 CALS
                                                                                                              7, MESSAG, E
                                                                                        WORDM
     1372 0073 0803
                                                               MESS
                                                                                        FDB
                                                                                                              DOCOL, WARN, AT, ZBRAN
                                                                                                                                                                                                                               1226 0630 1111
                                                                                                                                                                                                                               Nº 10. 8 AM DAST
     1376 06A7 020B
                                                                                                                                                                                                                               60 40 TAMB 07.1
    137A 0028
                                                                                        FDB
                                                                                                             HESS3-*
     137C 097C 020B
                                                                                        FDB
                                                                                                             DDUP, ZBRAN
     1380 003F
                                                                                       FDB
                                                                                                             1ŒS$4-*
     1382 01E7 202E
                                                                                                             LIT, XISGBS, AT
                                                                                       FDB
    386 06A7
                                                                                                                                                                             45411
                                                                                                             OFSET, AT, TOR, ZERO, OFSET, STORE, DLINE, FROME, OFSET, STORE
    1388 085B 06A7
                                                                                       FDB
    138C 0639 076B
                                                                                                                                                                                                                                               1.204 0014
    1390 085B 06EF
                                                                                                                                                                                                                               1206 0663 0654
    1394 135E 0647
                                                                                                                                                                                                                                tena tasa basa
    1398 085B 06BF
                                                                                                                                                                                                                                Estro William Otta
    139C 0100 01FF
                                                                                      FDB
                                                                                                             CR , BRAN
    13A0 001F
                                                                                      FDB
                                                                                                            MES $4-*
    13A2 0C12
                                                                                                             PDOTQ
                                                              MESS3
                                                                                       FDB
    13A4 04
                                                                                                        94 1960, 192, 4, 48, 396
                                                                                                                                                                             13g3 ANAXII
                                                                                                                                                                                                                                1258 GOSA SGAT
                                                                                  FCB
    13A5 65 72 72 20
                                                                                                                                                                                                                                1220-0656-0915
                                                                                                             "err "
                                                                                      FCC
                                                                                                                                                                                                                                12FD 0684 0610
    13A9 01EE
                                                                                      FDB
                                                                                                             CLITER
    13AB 23
                                                                                                                                                                                                                                EDER OSER OFFICE
                                                                                      FCB
                                                                                                             *
                                                                                                                                                                                                                                                auri seli
    13AC 088E 06A7
                                                                                      FDB
                                                                                                            BASE, AT, CLITER TO THE STATE OF THE STATE O
                                                                                                              स्वरुप्तार प्रवस्ता स्वतः । स्वरूप्ताः
सर्वे
                                                                                                                                                                                                                                ATTEL MONO ARKI
    13B0 01EE
                                                                                                                                                                                                                                               TARE GERE
    13B2 OA
                                                                                      FCB
                                                                                                                                           DECIMAL
                                                                                                           EQUAL, ZEQU, PLUS if = 10, add 0, if = 16, add 1 TO MAKE
    13B3 0921 05FE
                                                                                      FDB
    13B7 | 041D
                                                                                                           EMIT, SPACE TO THE PROPERTY OF THE PROPERTY OF
   13B9 00B3 093D
                                                                                                                                                                                                                                                               HOFT
                                                                                      FDB
                                                                                                                                                                                                                                 1310 0073 01K
       3BD | 167C
                                                                                                                                                                                                 11:01.13
                                                                                      FDB
                                                                                                                                                                                                                                 214 0798 0915
   13BF 0080
                                                             MESS4
                                                                                      FDB
                                                                                                           SEMIS
                                                                                                                                                                                                                                 Eath dath atti
   13C1
                                                                                      WORDM
                                                                                                         4,LOA,D input: scr #
 -1308 | 0073 0831
                                                             LOVD
                                                                                      FDB
                                                                                                           DOCOL, BLK, AT, TOR, IN, AT, TOR, ZERO, IN, STORE, SCRELK, BLK
   13CC | 06A7 0639
                                                                                                                 ក្រុងប្រាស់ នេះសុខ្មាន នៃស្ថិត្ត ប្រែក្រុ
                                                                                                                                                                                                                                  imo sato inti
   13D0 083A 06A7
   13D4 0639 076B
                                                                                                                                                                                                                                                 THEO ESCI
                                                                                                                                                                                PERSONAL PROPERTY.
                                                                                                                                                                                                                                                 1027 7858
   13D8 | 083A 06BF
                                                                                                                                                                                                                                1329 1768 0698
   13DC | 17DB 0831
   13E0 06BF 1034
                                                                                     FDB
                                                                                                           STORE, INTERP, FROM, IN, STORE, FROM, BLK, STORE, SEILS
   13E4 0647 083A
   13E8 06BF 0647
   13EC 0331 06BF
                                                                                                                                            January William
                                                                                                                                                                                                                                 FIAR ETOO DEFI
   13F0 0080
                                                                                                                                                                                                  2313 ($1)
                                                                                                                                                                                                                                                 1340 Olft
   13F2
                                                                                     WORDH
                                                                                                           3,--,>,IMEDIATE
                                                                                                          DOCOL, QLOAD, ZERO, IN, STORE, BSCR, BLK, AT, OVER, NOD, SARE
   13F8 0073 0A95
                                                            ARROW
   13FC 076B 083A
                                                                                                                                                                                                                                  1337 TARE 1785
   1400 06BF 17C5
                                                                                                                                                                                                                                  OTEL OFFI RAKE
   1404 0831 06A7
                                                                                                                                                                                                                                  उपाय सामन प्राप्त
   1408 065D 052D
                                                                                                                                                                                                                                                      103 12
   140C 0915 0831
                                                                                     FDB
                                                                                                           SUB, BLK, PSTORE, SENIS
   1410 0696 0080
```

```
4-20-80 TSC ASSEMBLER
                                                                   PAGE
                                                                           33
6S'FORTH for 6809
                    : FIG HODEL
  1414
                               WORDM
                                       1,, , liciedate
  1418 0073 OEDE
                      TICK
                                       DOCOL, DFIND, ZEQU, ZERO, QERR, DROP, LITER, SEIIS
                               FDB
  141C 05FE 076B
  1420 OA20 066B
  1424 OFF9 0080
  1428
                               WORDM
                                       6, FORGE, T, NOIM
  1431 0073 0077
                                       DOCOL, CURENT, AT, CONTXT, AT, SUB, CLITER
                      FORGET
                               FDB
 1435 06A7 0869
 1439 06A7 0915
 143D 01EE
 143F 18
                               FCB
                                       $18
  1440 OA20 1418
                                       QERR, TICK, DUP, FENCE, AT, LESS, CLITER
                               FDB
  344 068A 080F
 1448 06A7 05A3
 144C 01EE
 144E 15
                              FCB
                                       $15
 144F 0A20 06EA
                              FDB
                                      QERR, DUP, LIT, SINIT, AT, GREAT, CLITER
 1453 O1E7 OO3B 836
 1457 06A7 092D
 145B 01EE
 145D 15
                              FCB
                                      $15
 145E 0A20 06EA
                              FDB QERR, DUP, NFA, DP, STORE, LFA, AT, CONTXT, AT, STORE, SEIIS
 1462 09E4 0818
 1466 06BF 09C7
 146A 06A7 0869
 146E 06A7 06DF
 1472 0080
 1474
                      4-1-15
                             WORDM
                                      4, BAC, K
 147B 0073 0ED3
                     BACK
                              FDB
                                      DOCOL, HERE, SUB, COMM, SEHIS
  47F 0915 08F4
   0300 8
1485
                              WORDM
                                      5, BEGI, N, INDEDIATE
148D 007.3 0A3A 0 BEGIN
                              FDB
                                     DOCOL, QCOMP, HERE, ONE, SENIS
1491 OED8 0773
1495 0080
1497
                              WORDM
                                      5, ENDI, F, INNEDIATE
149F 0073 0A3A
                                     DOCOL, QCOMP, TWO, QPAIRS, HERE, OVER, SUB, SWAP, STORE, SEIIS
                     ENDIF
                              FDB
14A3 077B 0A67
14A7 08D8 065D
14AB 0915 0679
14AF 06DF 0080
14B3
                              WORDM
                                     4, THE, N, INDEDIATE
14BA 0073 149F
                     THEN
                             FDB
                                     DOCOL, ENDIF, SENIS .
14BE 0080
1400
                             WORDM 
                                     2,D,O,INDEDIATE
14C5 0073 OAAE
                     DO
                             FDB
                                     DOCOL, COMPIL, XDO, HERE, THREE, SEMIS
14C9 0261 0CD8
14CD 0783 0030
                             WORDH
                                     4,LOO,P, INCEDIATE
1 0073 0783
                    LOOP
                             FDB
                                     DOCOL, THREE, QPAIRS, COMPIL, XLOOP, BACK, SEIIS
14UC 0A67 DAAE
```

(C)1980 TALEOT HICROSYSTEMS

```
(C)1980 TALBOT MICROSYSTEMS
                                                                                                                                                  maked that Mid (1991 (1991
                                                                                                                               PAGE, 39 . Kind how in tablet
                                                                           4-20-80 TSC ASSEMBLER
68 FORTH for 6809 : FIG MODEL
    14E0 0228 147B
                                                                                                          . . 1
                                                                                                                                                           arce (ver dial
    14E4 0080
    14E6
                                                                                                                                                           navo dre o pret
                                                            WORDM 5,+LOO,P, INTEDIATE
                                                                                                                                                        is a soon peak though
    14EE 0073 0783
                                           PLOOP
                                                                          DOCOL, THREE, QPAIRS, COMPIL, XPLOOP, BACK, SEMIS COMPIL NO.
                                                            FDB
    14F2 0A67 OAAE
   14F6 0239 147B
                                                                                                                                                            海洲南部 南草树的 建双氯甲
   14FA 0080
                                                                                                                                                            : Adio 5 5 5 6 2 5 6 4
   14FC
                                                           WORDM
                                                                         5, UNTI, L, IMEDIATE
   1504 0073 0773
                                           UNTIL
                                                                       _DOCOL, ONE, QPAIRS, COMPIL, ZBRAN, BACK, SEMIS
   1508 0A67 OAAE
   150C 020B 147B
                                                                                                                                                             JAT 05/0 00
   4510 00€0
                                                                                                                                                            Lighte Khira Wi
   1512
                                                           WORDM
                                                                         3, EN, D, INGEDIATE
                                                                                                                                                            MAR MEAR DEAR
   1518 0073 1504
                                          END
                                                           FDB
                                                                         DOCOL, UNTIL, SEMIS
                                                                                                                                                                       1560 DIEE
   151C 0080
   151E
                                                          WORDM
                                                                         5, AGAI, N, INHEDIATE
   1526
            0073 0773
                                          AGAIN
                                                          FDB DOCOL, ONE, QPAIRS, COMPIL, BRAN, BACK, SEMIS OROS TAKE FROM
  152A 0A67 OAAE
                                                                                                                                                            price than that
  152E 01FF 147B
                                                                                                                                                                       3410 SEAF
  1532 0080
                                                                                                                                                                       1.71 (87)
  1534
                                                          WORDM 6, REPEA, T, IMMEDIATE
                                                                                                                                                             1920 0930 928
  153D 0073 0639
                                                                        DOCOL, TOR, AGAIN, FROMR, FROMR, TWO, SUB, ENDIF, SENIS
                                         REPEAT
  1541 0639 1526
                                                                                                                                                            TOTAL 3500 ROLL
  1545 0647 0647
                                                                                                                                                            ease tage sav
  1549 077B 0915
                                                                                                                                                             2-37 TAJO 2551
  154D 149F 0080
                                                                                                                                                                       0221 9239
  1551
                                                         WORDM 2,I,F,INDEDIATE
 1556 0073 OAAE
                                         IF
                                                         FDB
                                                                        DOCOL, COMPIL, ZBRAH, HERE, ZERO, COMMA, THO, SEMIS
  155A 020B 08D8
                                                                                                                                                           COMBO COM BELL
                                                                                                155E 076B 08F4
                                                                                                                                                             AND CHO T
    562 077B 0080
 1566
                                                         WORDM 4, ELS, E, IMMEDIATE
 156D 0073 077B
                                                                       DOCOL, TWO, QPAIRS, COMPIL, DRAN, HERE, ZERO, COMMA, SWAPO GOOD
 1571 0A67 OAAE
                                                                                                                                                             1 175 aggs 100 1
 1575 Ø1FF 03D8
                                                                                                                                                                       1395 nosg
 1579 076B 08F4
157D 0679
                                                                               AT THE RESIDENCE PRINTS OF THE STORE
                                                                                                                                                             MACE ONLY MALK
157F 077B 149F
                                                                                                                                         15-245
                                                                       TWO, ENDIF, TWO, SENIS
                                                        FDB
                                                                                                                                                              CHAR BOTTO EARLY
1583 077B 0080
                                                                                                                                                             adyn Base CR (
1587
                                                        WORDM
                                                                      5, WHIL, E, INSTEDIATE
158F 0073 1556
                                                                                                                                                              DEAD FIRST STATE
                                        WHILE
                                                        FDB
                                                                       DOCOL, IF, THOP, SEIIS
1593 048E 0080
                                                                                                                                                              tare upor onen
                                                                      6,SPACE,S > 1500 C September 1845
                                                                                                                                                             STARL FROD ARAIL
1597
                                                        WORDM
15A0 0073 076B
                                                                                                                                                             · agna waki
                                                                      DOCOL, ZERO, MAX, DDUP, ZERAN
                                       SPACES
                                                        FDB
15A4 0963 097C
                                                                                                                                                              MANO ETHE COLD
15A8 0|20B
                                                                                                                                                              prison that make
15AA 000C
                                                       FDB
                                                                      SPACE3-*
15AC 076B 0261
                                                       FDB
                                                                      ZERO,XDO
                                                                                            • Professional Committee C
15E0 093D 0228
                                       SPACE2
                                                       FDB
                                                                      SPACE, XLOOP
                                                                                                                                                              EDEN + SOIT TO
15B4 FFFC
                                                       FDB
                                                                      SPACE2-*
15%6 0030
                                     · SPACE3
                                                       FDB
                                                                      SEHIS
```

```
(C)1980 TALBOT MICROSYSTEMS 4-20-80 TSC ASSEMBLER
68'FORTH for 6809 : FIG MODEL
  15B8
                              WORDM 2,<,₽
  15BD 0073 0DDB
                      BDIGS
                              FDB
                                      DOCOL, PAD, HLD, STORE, SEHIS
  15C1 08BF 06BF
  1505 0000
 15C7
                                     2, $, >
                              WORDM
 15CC 0073 066B
                                      DOCOL, DROP, DROP, HLD, AT, PAD, OVER, SUB, SEHIS
                      EDIGS
 15D0 066B 08BF
 15D4 06A7 ODDE
 15D8 065D 0915
 15DC 0080
 15DE
                              WORDM
                                      4,5IG, N
 15E5 0073 0CE6
                      SIGN
                              FDB
                                      DOCOL, ROT, ZLESS, ZBRAN
 15E9 0611 020B
 15ED 0007
                       (FDB),
                                      SIGN2-*
 15EF 01EE
                              FDB
                                      CLITER
 15F1 2D
                              FCB
 15F2 ODC3
                              FDB
                                      HOLD
 15F4 0080
                      SIGNZ
                              FDB
                                      SUIIS
 15F6
                                     1,,#
                              WORDM -
 15FA 0073 088E
                     DIG
                              FDB
                                      DOCOL, BASE, AT, MSHOD, ROT, CLITER
 15FE 06A7 0560
 1602 OC86 O1EE
 1606 09
                              FCB
 1607 065D 05A3
                              FDB
                                      OVER, LESS, ZBRAN
 160B 020B
 160D 0007
                             FDE
                                     DIG2-*
 160F 01EE
                              FDB
                                     CLITER
 1611 07
                              FCB
                                     7
 1612 041D
                              FDB
                                     PLUS
 1614 01EE
                     DIG2
                                     CLITER
                              FDE
  616 30
                              FCE
                                      10
                                                ascii zero
  617 041D ODC3
                              FDB
                                     PLUS, HOLD
 161B 0080
                              FDB
                                     SEHIS
 161D
                              WORDM
                                     2,#,S
 1622 0073
                     DIGS
                              FDB
                                     DOCOL
 1624 15FA 065D
                     DIGS2
                              FDB
                                     DIG, OVER, OVER, OR, ZEQU, ZBRAH
 1628 065D 03FF
 162C 05FE 020B
 1630 FFF4
                                     DIGS2-*
                              FDB
 1632 0080
                              FDB
                                     SEMIS
 1634
                              WORDH
                                     3,D.,R
 163A 0073 0639
                     DDOTR
                                     DOCOL, TOR, SWAP, OVER, DABS, BDIGS, DIGS, SIGN
 163E 0679 065D
 1642 0591 15BD
 1646 1622 15E5
 164A 15CC 0647
                                     EDIGS, FROMR, OVER, SUB, SPACES, TYPE, SEMIS
                             FDB
 164E .065D 0915
1652 15A0 0B62
1656 0080
1658
                             WORDH
                                     2,.,R
  35D 0073 0639
                     DOTR
                                     DOCOL, TOR, STOD, FROM DOOTR, SEMIS
                             FDB
1661 05C1 0647
```

PAGE

```
(C)1980 TALBOT MICROSYSTEMS
                                                                          4-20-80 TSC ASSEMBLER PAGE (2041-1001) POTEME (1881 (3)
68'FORTH for 6809 : FIG MODEL
                                                                                                                          regard only to posse and masharas
    1665 163A 0080
                                                           WORDH 2,D,.
   1669
                                                                                                                              the post of the second
                                                                                                                                                   इत्रक्त स्तुवत । १०७।
   166E 0073 076B
                                          DDOT
                                                                         DOCOL, ZERO, DDOTR, SPACE, SENIS
                                                           FDB
   1672 163A 093D
                                                                                                                                                     មន្តិកិច្ច ៩វាខុរ
    1676 0080
                                                                                                                                                                           1001
                                                           मुक्ता मुक्ता १८०६ वर्षी
   1678
   167C 0073 05C1
                                                                                                                                                     CAMPBERRAM BURN
                                          DOT
                                                                         DOCOL, STOD, DDOT, SEMIS
   1630 | 166E 0080
   1684
                                                           WORDM
                                                                                                                                                      OF HELL METERS TRACE
                                                                        1,,?
   1688 0073 06A7
                                          QUEST
                                                           FDB
                                                                         DOCOL, AT, DOT, SENIS
    168C 167C 0080
                                                                                   Comment of American
   1690
                                                           WORDM 4, LIS, T
   1697 0073 OBOC
                                          LIST
                                                                         DOCOL, DEC, CR, DUP, SCR, STORE, PDOTQ
                                                           FDB
   169B 0100 068A
                                                                                                                                                                  JOHN CHEE
   169F 084E 06BF
   16A3 OC12
   16A5 06
                                                          FCB
   16A6 53 43 52 20
                                                                         "SCR # "
                                                          FCC
                                                                                                                 P/37/00
   16AA 23 20
   16AC 167C 01EE
                                                                                                                                                       na o saga and
                                                          FDB
                                                                        DOT, CLITER
                                                                                                                                                       tedy acom coat
   16BO 10
                                                          FCB
                                                                        16
   16B1 076B 0261
                                                                                                                                                                     on abat
                                                                         ZERO,XDO
                                                          FDB
   16B5 0100 0270
                                                                                                                                                       that easo ocus
                                                                        CR, I, THREE CALL THREE
                                          LIST2
                                                          FDB
   16B9 0783
                                                                                                                                                               reco tool
                                                                                                                                                                intora qual
   16BB 165D 093D
                                                          FDB
                                                                        DOTR, SPACE, I, SCR, AT, PLINE, TYPE, CLITER
   16BF 0270 084E
   16C3 06A7 133C
                                                                                                                                                                 d140 0141
   16C7 OB62 OIEE
   16CB BC
                                                                                                                                                                  MHID esel
                                                          FCB
                                                                        $3C
                                                                                                                                                                   616 30
    .6CC 00B3 0228
                                                          FDB
                                                                                                                       1000
                                                                        ENIT XLOOP
                                                                                                                                                      Truck and TA
   16D0 FFE5
                                                          FDB
                                                                        WORDM 4, DUM, P
                                                                                                                                                                  ergo viel
   16D2 0100 0080
                                                                                                                                                                             4 FAF
   16D6
                                                                                                                                                                 1622 0073
   16DD 0073 065D
                                                                        DOCOL, OVER, PLUS, SWAP, XDO (10)
                                         DUMP
                                                          FDB
                                                                                                                                   ROIG
                                                                                                                                                       162年 主动作用 1965年
   16E1 041D 0679
                                                                   · 1444年 - 1967年 1967年 - 1987年 - 1967年 - 19674年 - 1967年 - 1967
                                                                                                                                                        THEN STAND AS DE
  16E5 0261
   16E7 0270 0100
                                                                                                                                                        #1884 3740 DEPT
                                         DUMP1
                                                          FDB
                                                                        I, CR, HEX, DOT, I, CLITER
   16EB 0AF7 167C
                                                                                                                                                                   法法律法 的名词类
  16EF 0270 01EE
                                                                                                                                                                   1637 9700
  16F3 10
                                                          FCB
                                                                        16
                                                                   ... PLUS, I, XDO per many
   16F4 041D 0270
                                                                                                                                                        elds tide west
                                                          FDB .
  16F8 0261
                                                                                                                                                        deed bran afal
  16FA 093D 0270
                                         DUMP2
                                                                                                                                                         reet 1030 Sid:
                                                          FDB
                                                                        SPACE, I, CAT, TWO, DOTR, XLOOP
   16FE 06B3 077B
                                                                                                                                                         1644 1627 1525
  1702 165D 0223
                                                                                                                                                         1500 0660
                                                                        DUMP2-*
                                                                                                                                                         2 100 01 80, 560 5
  1706 FFF4
                                                          FDB
                                                                        THREE, SPACES, I, CLITER
                                                                                                                                                         roge est tide
  1708 0783 15A0
                                                         FDB
  170C 0270 01EE
  1710 10
                                                         FCB
                                                                                                           THE THEFT
                                                                       PLUS, I, XDO per la real de la company
                                                                                                                                       more than the time of
  1711 041D 0270
                                                         FDB .
                                                                                                                                                        Thou Inch that
  1715 0261
```

```
(C)1980 TALBOT HICROSYSTEMS 4-20-80 TSC ASSEMBLER
                                                                   PAGE
68'FORTH for 6809 : FIG MODEL
  1717 0270 06E3
                      DUMP3
                               FDB
                                       I, CAT, DUP, CLITER
  171B 068A 01EE
  171F 20
                               FCB
                                        $20
                       Literate, TFDBL, &.
  1720 O5A3 O2OB
                                       LESS, ZBRAN
  1724 0007
                               FDB
                                       DUMP31-*
                                FDB
  1726 066B 01EE
                                       DROP, CLITER
  172A 5F
                                FCB
                                       EMIT, XLOOP
  172B 00B3 0228 WAS DUMP31 FDB 164
  172F FFE8
                               FDB
                                       DUMP3-*
  1731 OIEE
                               FDB
                                       CLITER
  733 10
                               FCB
                                       16
  17349 023 9 fa | Off | 420 8 | v 3 to val of DB 1 half xploop |
  1736 FFB1
                               FDB
                                       DUMP1-*
  173810080 app wo & AMDATAL FDBA ALSEMIS
  173A532 ac sidnsay FB to wordm 5, VLIS, T
  174220073301EE 327 VLISTOF FDB A DOCOL, CLITER
  1746 80
                               FCB
                                       $80
  1747 0844 Ó6BF
                               FDB
                                       OUT, STORE, CONTXT, AT, AT
  174B 0869 06A7
  174F 06A7
                                       OUT, AT, COLUMS, AT, CLITER
  1751 0844 06A7
                     VLIST1 FDB
                                      ន់សំខ្លួន និង និង សម្រាស់
  1755 OSCD 06A7
  1759 O1EE
  175B 10
                               FCB
                                       16
  175C 0915 092D
                               FDB
                                       SUB, GREAT, ZBRAN
                                2) H. H. Charles J. H. G. J. H. S.
  1760 020B
                               FDB
                                       VLIST2-*
  1762 000A
  1764 0100 076B
                               FDB
                                       CR, ZERO, OUT, STORE
  1768 0844 06BF
  176C 06EA 0F49 /
                                       DUP, IDDOT, SPACE, SPACE, PFA, LFA, AT, DUP, ZEQU, QTERNI
                      VLIST2 FDB
  770 093D 093D مورو بين بين مورود 770 093D
  .<mark>774 ;09£9</mark> ;09C7 a , madre ; coa. 6 ; a tro ; a dra a .
  1778 06A7 068A
 177C 05FE 00F0
  1780 O3FF O2OB
                               FDB
                                       OR, ZBRAN
  1734 FFCD
                               FDB
                                       VLIST1-*
  1786 066B 0080
                               FDB
                                       DROP, SENIS
                       **** FILE FDISK.TXT
                       *<<< DISK I/O WORDS >>>> SYSTEM DEPENDENT
  178A
                                       3, D, R
                               WORDH
  1790 074A
                                       DOCON
                      NUMBR
                               FDB
  1792 0002
                               FDB
                                                  the number of disk drives
  1794
                               WORDH
                                       8,TRK/DIS,K tracks per disk
  179F 074A
                       TRKDSK
                                       DOCON
                               FDB
  17A1 10023
                               FDB
 17\\3
                               WORDH
                                       7,SEC/TR,K sectors per track == block = sector
                      SECTEK
 ₹7AD 074A
                               FDB
                                       DOCON
   7AF 000A
                               FDB
                                       10
  17 BI
                               WORDM 5, B/BU, F
```

		BOT HICRO			4-20-80 TS	C ASSEMB					
							. · · · ·		- स्वत्रे	703 M	(क्रास्त्रि) (ते)
	9 074A		BBUF	FDB	DOCON	<b>.</b>	. ** .	1 12 22 27	enals	0326	2121
17B	в 0100			. FDB	2 56		* * * *			Mag	
17 B				WORDM	5,B/SC,R		,		V. 4. 7. 7.	nc	
	5 0073		BSCR	FDB	DOCOL, LIT, 10	024,BBUF	. SLASI	I.SEIIS	rasi	143	05.01
	0400						17 (314			Milan	1775
17C	051D	0800	•		,		सन्द		110	4000	47.74
17D	<b>i</b> .			WORDH	7,SCR>BL,K	•	7194			33	1,50
	\$ 0073		SCRBLK	FDB	DOCOL, BSCR, S	STAR . USE	BLK.SI	HOD SEC	TRK.STAR	1300	1797
	04D7				•	o palika	207	, , , , , , , , , , , , , , , , , , , ,			77.7E
	050D	17AD			,	- 1113	10 - 1			2310	1071
	04D7			•		4.1	21.17		•		EFT
	179F		•	FDB	TRKDSK, STAR,	PLUS, SE	IIS co	nverts	SCR# TO I	LOCK	42 C. C.
-1,7 E1	041D	0800				117	Titr				AF TA
			*		ALLOWING	FOR THE	non ·	INTEGER	₽ OF SCR	PER	DISK
17F				WORDM	6,USEBL,K no	of bloo	cks~pe	r disk	useable	as SC	Reens
	0073		USEBLK	FDB	DOCOL, SECTRE	TRKDSK	, STAR,	BSCR, SL	ASH, BSCR,	STAR	SEHIS
	179F					20,100	#165			Nã	017.1
	1705		•		11. 11. 11. 11. 11. 11. 11. 11. 11. 11.	151512	11:17		199 × 3 - 3 - 1	រកន្លង	\$3.7.5
	17C5	04D7							· - 9,	0330	77.5
	0080			•					**	1517	733
1800				WORDH		1.1544	भूग र	F CW	· 2000	17642	1:334
	0073		DRZERO	FDB	DOCOL, ZERO, O	FSET, STO	DRE		\$400	0300	4.52
	085B	06 EF									1759
	0080			FDB	SEMIS	<b>.</b> ≥ ≥	37.49			0.1	सहरा
1810				WORDM	3,DR,1 ""		*****		71 ( ( ) ( )	5.150	
	0073		DRONE	FDB	DOCOL, ONE, DR	IVE, SENI	IS .				0011
	1842	0080		•		17731	1.1				Sell
1824				Wordm	5,DRSI,M		** * ** *** * * * * * * **			(11) [13]	
	0073		DRSIM	FDB	DOCOL, NUMBR,	DRIVE, SE	MIS			4500	
	1842	0800			est of the transfer of		17:10		•		1)A12
_83A			•	WORDH	5,DRIV,E dr	ive numb	er is	arg on	stack FOG	0.000	077
	0073		DRIVE	FDB	DOCOL, SECTRK				SET, STORE	,SEIIS	
1846										TADA	
	04D7					•		•		3.440	
184F	06BF	0800			14.5	er english	11-1-3		\$ () \cdot 0	4400	
•			*			to profession	13.				NET!
-				PAG		11.50	11		€ <sub>1</sub> ,X,73.73	0.66.0	17.86

据量级工业的

\_

191 non 31 511

. \*\* E370 \*\* \*\*

1011-11

101751

拉拉力

A CONTRACTOR OF THE SECOND SEC

170° 0264

COUNTY INTE

1751

1707 1780 OYAS 1782 OSO 2 1794 (C)1980 TALBOT MICROSYSTEMS 68 FORTH for 6809 : FIG MODEL

HEADER 4-20-80 TSC ASSENDLER PAGE 44

\*\*\* The next 4 words are written to create a substitute for \* disc mass memory, located in DSMBGN to DSMEND in RAM 1852 WORDM low address for simulated disk 2,L,0 1857 074A LO FDB DOCON 1859 3000 FDB DSMBGN 185B WORDM 2,H,I high address for simulated disk 1860 074A HI FDB DOCON 1862 4000 FDB DSIMEND 1864 WORDM 3,R/,W 6A 0073 0679 RII FDB DOCOL, SWAP now have BLOCK NO ON STACK 36E 068A 0611 FDB computers, ZEQU, ZBRAN cant have block < 0 1872 05FE 020B 1876 0014 FDB RNDE-\* 1878 17AD 179F SECTRK, TRKDSK, STAR, SLMOD now have block-2, dr-1 FDB 187C 04D7 050D 1880 068A 1790 DUP, NUMBR, GREAT, ZBRAN FDB 1884 092D 020B 1883 001D FDB RUD1-\* > RWD1 IF DRIVE <= FDR 188A 0100 167C RWDE FDB CR, DOT, PDOTQ drive error 188E 0C12 1890 08 FCB 1891 20 44 72 69 " Drive ?" FCC 1895 76 65 20 3F 1899 O1E7 7FFF RUDE1 FDB LIT, \$7FFF, PREV, AT, STORE, QUIT 189D 11EB 06A7 18A1 06BF 10F2 18A5 063A 1790 RWD1 FDB DUP, NUMBR, EQUAL, ZBRAN **∆**9 0921 020B D 0049 FDB RWD2-\* -> RWD2 IF < DR AF 066B 04AC FDB DROP, TWOM, TWOM, DUP, ZLESS, ZBRAN USE SIM BUFF 18B3 04AC 068A 18B7 0611 020B 18BB 0015 RWS1-\* FDB ONLY IF SCR>0 18DD 0100 167C RWRE FDB CR, DOT, PDOTQ 18C1 0C12 18C3 D8 FCB 18C4 20 52 61 6E " Range ?" FCC 18C8 67 65 20 3F 13CC OIFF FDB BRAN 18CE FFCB FDB 18D0 17B9 04D7 RWS1 FDB BBUF, STAR, LO, PLUS, DUP, HI, BEUF, SUB, GREAT, ZEQU, ZBRAN 18D4 1857 041D 18D3 063A 1860 18DC 17E9 0915 18EO 092D 05FE 13E4 020B 18E6 FFD7 FDB RWRE-\* >~\$3 0679 020B RW4 FDB SWAP, ZBRAN . ∴C 0C04 FDB RU44-\* 18EE 0679 FDB SWAP

**a**i

```
(C)1980 TALBOT HICROSYSTEMS
                                                                                                                                   PAGE HA45 HOTH TOTAL (1984 (1)
                                                                    4-20-80 TSC ASSEMBLER
68 FORTH for 6809 : FIG MODEL
                                                                                                                                  र राज्यके कर हैं । इस्केड ५०) संदेशकर है
    18F0 17B9 036D
                                            RN44
                                                             FDB
                                                                             BEUF, CMD VE, SEMIS
    18F4 0080
                                                                                                                                 Company of the State of the
   18F6 0639 17AD
                                            RWD2
                                                                            TOR, SECTRK, SLMOD, SWAP, ONEP, SWAP, FROMR
                                                             FDB .
   18FA 050D 0679
   18FE 047F 0679
   1902 0647
   1904 1911 0080
                                                             FDB
                                                                             DISKRW, SEMIS
                                                                                                                             0.717
   1903
                                                             WORDH
                                                                            6,DISKR,W
   1911 1913
                                            DISKRW
                                                                             *+2
                                                             FDB
   1913 17
                        014D
                                                             LBSR
                                                                             DSKRW0
   1916 16
                        E75E
                                                             LBRA
                                                                            NEXT
   1919
                                                                                                                                                                erre title til
                                                             WORDM
                                                                                                 in the gradient of the second
                                                                            3,(_,)
  -191F 0073 0654
                                           PDOS
                                                                            DOCOL, R, COUNT, DUP, ONEP, FROMR, PLUS, TOR, GODOS, SERIS
   1923 OB4F 068A
   1927 047F 0647
  192B 041D 0639
  192F 1933 0080
  1933 1935
                                           GODOS'
                                                            FDB
                                                                          . *+2
  1935 17
                        0128
                                                            LBSR -
                                                                           GODOSO
  1938 16
                        E73C
                                                            LBRA
                                                                           NEXT
                              193B
                                           NEXTNH
                                                            SET
                                                                           * . .
  193B C1
                                                                            $C1
                                                            FCB
                                                                                                 immediate
  193C DF
                                                                            $80+
                                                            FCB
                                                                                                                                                           188 Ft An 25 1881
                                                            FDB
                                                                           LASTIIN
                           193B
                                          LASTHM
                                                                                                                                                            40 OF 25 ST 28 12
                                                            SET
                                                                           NEXTHM
  193F | 0073 01EE
                                                                                                                                                             - 2108 $210 ACC1
                                           DOSQ
                                                            FDB
                                                                         DOCOL, CLITER
 1943 22
                                                                                                                                                                 CAMO BUILD MISS
                                                            FCB
                                                                           $22 ascii quote
 1944 0883 06A7
                                                                                                                                                                REPORT OFFICE FART
                                                            FDB
                                                                           STATE, AT, ZBRAN
 1948 020B
                                                                                                                                                                 18A5 850 1790
 1944 0014
                                                                                                                                                                 magn isea en
                                                           FDB
                                                                          Dos1-*
   94C OAAE 191F
                                                                          COMPIL, PDOS, WORD, HERE, CAT, ONEP, ALLOT, BRAN AND ARMAIN ARMAI
                                                           FDB
 1950 ODED OSD8
 1954 06B3 047F
                                                                                                                                                                 ARAD MAD (HAI
1958 08E8 01FF
                                                                                                                                                                 dosa siga wasi
                                                                                                                                                                           giod mini
 195C 000A
                                                                          DOS2-* 109 1 1 1 1 1 1 1 1
                                                           FDB
 195E DDED 08D8
                                                                                                                                                                 brainsin cast
                                         DOS1
                                                           FDB
                                                                                                                              man.
                                                                          WORD, HERE, COUIT, GODOS
                                                                                                                                                                            好物 毛油厂
 1962 DB4F 1933
1966 0080
                                         DOS2
                                                           FDB
                                                                          SEMIS
1968
                                                                                                                                                            世界 18 18 18 20 21 61
                                                           WORDM
                                                                          3,D0,S
196E 1A5C
                                                                                                                                                                 000 33 10 2000
                                         DOS
                                                           FDB
                                                                          PDOSW
                                                                                                                                                                            1990 DD91
                            2C80
                                         FCBIII
                                                           EQU
                                                                          USREND-$100-640
                                                                         FCDIN+320
                            2DC0
                                         FCEOUT
                                                           EQU
                                                                                                                                                                 ARMY CALL SHE
1970
                                                           WORDM
                                                                         6,DISKI,N
1979 074A 2CEO
                                                                                                                                                                 DENCE TREE MINES
                                         DISKIN
                                                          FDB
                                                                          DOCON FCBIN
197D
                                                          MORDM
                                                                         7,DISKOU,T
1987 074A 2DC0
                                         DISKOUT FDB
                                                                         DOCON, FCBOUT
198B
                                                          WORDM
                                                                         6, REWIN, D
1994 1996
                                         REWDFO
                                                          FDB
                                                                         *+2
1996 17
                                                                                                                                                                            KART ASSE
                     00D3
                                                          LBSR
                                                                         REWHDF
1999 16
                                                                                                                                             ALP 1 9060 9760 7771
                     EGDB
                                                                                                       51 et :
                                                          LBRA
                                                                         NEXT
199C
                                                                                                                                                                          Je organ
                                                                                                                              1711
                                                          WORDM
                                                                         6,DELET,E
                                                                                                                                                                            0.1
1945 1947
                                      DELTFO
                                                          FDB
                                                                         *+2
```

```
(C)1980 TALBOT MICROSYSTEMS AND MARKET 4-20-80 TSC ASSEMBLER
                                                                                                                                      PAGE
                                                                                                                                                      46
68 FORTH for 6809 : FIG MODEL
    19A7 17
                         00C5
                                                               LBSR
                                                                              DELETF
    19AA 16
                         E6CA
                                                              LBRA
                                                                              NEXT
                                                              WORDN 4.OPE.N
    1984 1986
                                             OPENFO FDB
                                                                              *+2
   19B6 17
                         OOAD
                                             LBSR OPENF expects filenameaddr, iocode, fcbadr on STACK
   19B9 16 E6BB
                                                              LBRA SINEXT
   19BC
                                                              WORDM 4, REA, D ....
   19C3 0073 0773
                                         READ
                                                           FDB
                                                                              DOCOL, ONE, DISKIN, OPENFO, DISKIN, LIT, XFINA
   1907, 1979, 1984, and the second of the base of the contract o
   19CB 1979 Ole731398 Distribute Jacks to the Jacks a win
    19CF 2028
     9D1 06BF 0080
                                                              FDB STORE, SENIS
    29D5
                                                              WORDM 5, WRIT, E THE TIME SET
   19DD 0073 076E
                                     WRITE FDB
                                                                        DOCOL, ZERO, DISKOUT, OPENFO, DISKOUT, LIT, XFOUTA
   19E1 1987 019B4T Open to the Mile to the the control of the
   19E5 1987 01E7
                                                   Company AND The Kine for the contraction
   19E9 202Agiria of Estatos High will a confidence
   19EB@06EF_0080 Test Family and FDB and STORE, SEMIS
  >19F9 17 006D
                                                             LBSR CLOSEF
                                                                                                   expects fcb adr on stack
   19FCal6ance678 Bradenia ad LBRA of NEXT of his grown of
   19FF Ave were yrough daves wordn 407, closer, no ...
   1A09 0073 076B
                                     CLOSIN FDB DOCOL, ZERO, LIT, XFINA, STORE
 . 1AOD 01E7 2028
   1A11 06BF
   1A13 1979 19F7
                                                             FDB
                                                                             DISKIN, CLOSFO, SEMIS
                         REMITTERISTS G
                                                             WORDM 8, CLOSEOU, T
    △24 0073 076B
                                           CLOSOT FDB
                                                                             DOCOL, ZERO, LIT, XFOUTA, STORE
     28, 01E7, 202A 100 (28, 28)
                                                          With the first with the same of
    ..2C 06BF
  1A2E 1987 19F7 add Ad Lange FDB and DISKOUT, CLOSFO, SEMIS
  1A32 0080
  1Λ34
                                died appear to WORDMan4, NOO, Page a noop a soil
  1A3B 0077
                              BUT IN NOOP IN FDB Shi NEXT . . . . . . . . . . . .
                                            🕇 AITA İnvenist i. .
                                            * CHECK TO SEE IF SPACE OK FOR FDOS
                               1A3D FDOSBG EQU *
                                            * FOLLOWING ARE SYSTEM DEPENDENT MACHINE LANGUAGE ROUTINES
```

(C)1980 TALBOT MICROSYSTEMS PAGE (7747) MORE TORING | 929 JED) 4-20-80 TSC ASSEMBLER 68 FORTH for 6809 : FIG MODEL . . . . is not a sea interestable 199 W 1995 A (1) - **VI** VARI TALBOT MICROSYSTEMS 68 FORTH 1966 1986 ात्राक 📝 - व्यक्त (c)1980 TALBOT MICROSYSTEMS 68'FORTH I/O DRIVERS PAG, NOC, NOE OPT FDOS IS A FILE CONTAINING THE ASSEMBLY LANGUAGE ROUTINES WHICH THE INTERFACE 68 FORTH WITH A DISK OPERATING SYSTEM TO COME ADD I THIS IS VERSION 1.1 (80.3.8) of the course IT IS SUPPLIED FOR TSC FLEX 9.0 Company Command the Command to THERE ARE ADDRESSES IN HERE WHICH REFER BACK INTO THE CODE 1000 68 FORTH AND THESE MUST NOT BE CHANGED THERE ARE ENTRY POINTS AT WHICH 68 FORTH EXPECTS TO FIND 100 301 VARIOUS ROUTINES, AND THESE ADDRESSES MUST NOT BE CHANGED THE STARTING POINT IS FBGNIO DE MARKET THE LAST BYTE OF THESE ROUTINES MUST NOT GO BEYOND \$188F ្រុះមូល IF NECESSARY TO USE NORE SPACE, YOUR MUST ALLOCATE IT SOMEWHERE UP ABOVE THE MEMORY SPACE USED FOR VIRTUAL MEMORY DISK BUFFERS 1 NOW 0073 OVER STACKS, AND SIMULATED DISK. To See HERMAR KAN OHER 20% maka Kisi \*\*\*\* there bear exact THE NEXT WORDS ARE SYSTEM-DEPENDENT 1/O SUBROUTINES 3.5 36.35 B 168 8350 5100 AS **FBGNIO** this is the address where these I/O routines are to the addr of f of bytes in a sector in the disk 10 1 8581 **FBYTSC** in FLEX9.0 this is 256 FFINA location for storing address of input FCB []00 **4**7 % FFOUTA location for storing address of output FCB FACIA location of address of terminal ACIA status word data byte is 1+ \*<<<<<< FROM HERE TO >>>>>> THE ADDRESSES CAN NOT BE CHANGED 1450 FBGNIO SET \$1,50 1A50 ORG FBGNIO 17 BB FBYTSC SET \$17BB 2028 FFINA SET \$2028

202A

2018

FFOUTA

FACIA

SET

SET

\$202A

\$2018

(c)1980 TALBOT HICROSYSTEMS AND 4-20-80 TSC ASSEMBLER PAGE 68 FORTH 1/0 DRIVERS \* NOW JUMP VECTORS FOR FORTH - 3 BYTES EACH >1A50 16 0048 PEMIT LERA PPEMIT emit char in A to terminal >1A53 16 0062 PKEY LERA PPKEY get char from terminal - put in A, NO ECHO! >1A56 16 0079 PQTER LBRA · PPQTER query terminal to see if char typed -\* ret 0 if not, ret char if so - ESC is treated as a request to pause, another ESC will resume as if no key had been pressed. 016D PHDN LBRA RESMON close any open f 9D 0027 PDOSM JUP [DOSWRM, PCR] return to DOS 0091 GODOSO LBRA GODOSI routine to set up 1A59 16 close any open files and return to MONITOR ASC, GE A60 16 GODOSI routine to set up DOS command call AA63 16 OOAD DSKRWO LBRA DSKRWI disk sector IO - args on U stack \* FORTII-BUFFER-ADDRESS -5 \*\* (1. Con 18) READ/WRITE CODE - 1=READ, 0=WRITE -4 SECTOR NUMBER -3 TRACK NUMBER -2 DRIVE NUMBER -1 LERA OPENFI OPEN file - args on the U stack 1A66 16 0109 OPENF ADDRESS OF FIRST CHAR (COUNT FIELD) OF STRING WITH NAME OF FILE -3 READ/WRITE FLAG 1=READ, 0=WRITE ADDRESS OF FCB -1 · 1A69 16 0151 CLOSEF LERA CLOSFI arg is on stack ADDRESS OF FCB -1 11 0152 \*\* \*\* 11 11 1A6C 16 REMINDF LBRA REVINDI 11 DELETF LERA 1A6F 16 DELETI 0153 RMB 1A72 reserve space for 3 more vectors

>>>>>>> THE ABOVE CODE CAN NOT BE CHANGED

\*<<<<<< THE CODE BELOW MAY BE CHANGED, BUT THE LAST ADDRESS MAY

NOT BE LARGER THAN 1 BEF - 1 BFO TO 2000 IS USED FOR DIS

VIRTUAL MEMORY BUFFERS

THIS VERSION IS FOR FLEX 9.0 WITH MF-68 DUAL DISK

The following are variable depending upon the DOS system

or the monitor

F802 NXTHON EQU \$F802 MONITOR LOC of addr to restart,

\* i.e., JMP [NXTMON, PCR]

NOT ALL OF THESE ARE ACTUALLY USED AT PRESENT. THE ONES WHICH ARE ARE MARKED WITH < IN COMMENTS AND SO MUST BE SET TO DOS LOCATION WHICH DOES EQUIVALENT FLEX FUNCTION OR YOU MUST CREATE YOUR OWN ROUTINE TO DO EQUIVALENT.

1A7B C840

DOSFCB FDB \$C840

Caddress of FLEX system FCB

COSCO CO

```
PAGE 149 In the make 4 three are written to the sign
68 FORTH I/O DRIVERS
  1A83 CC14
                       DOSBPT
                                FDB
                                        $CC14
                                                   <address of DOS line buffer pointer
  1A85 CC20
                       DOSDET
                                FDB
                                        $CC20
                                                   <address of FMS error type number
  1A87 CD03
                       DOSWRM
                                FDB
                                        $CD03
                                                   <FLEX WARMS warm start entry</pre>
  1A89 CD2D
                                                   <FLEX GETFIL get file specification</pre>
                       DOSGFL
                                FDB
                                        $CD2D
  1A8B CD33
                       DOSEXT
                                FDB
                                        $CD33
                                                   <FLEX SETEXT
                                                                  set extension for file
 1V8D CD3L
                       DOSRER
                                FDB
                                        $CD3F
                                                   <FLEX RPTERR reprt File Managemnt Sys error</pre>
 1A8F CD4B
                       DOSCID
                                FDB
                                        $CD4B
                                                   <FLEX call as subroutine</pre>
 1A91 D403
                       DOSFCI.
                                FDB
                                        $D403
                                                   <FLEX FIS CLOSE close all open files</pre>
 1A93 D406
                       DOSFMS
                                FDB
                                        $D406
                                                   <FLEX FMS
                                                                                            C. F. BEAT
                                                                 ASSI
 1.095
                                                   reserve space for 3 more system paramete
                                RHB
                                        6
 ·1A9B 34
                       PPEMIT
                                PSHS
                                       B,X.
 1A9D
       7D
             202A .
                                TST
                                       FFOUTA
                                                   test to see if file output add set
 1440
       27
             80
                                BEQ
                                       PEHITO
                                                   if not, do terminal IO
 1AA2 BE
             202A
                                LDX
                                       FFOUTA
                                                   get output file FCB address
 1AA5 17
             010E
                       FLA 10
                                LBSR
                                       FMSCAL
                                                   call DOS FMS
 1AA3 20
            0.6
                                BRA
                                       PEHIT2
 1AAA BE
             2013
                       PEMITO
                                LDX
                                       FACIA
 1AAD E6
            84
                       PENIT1
                                       , X <sup>3</sup>
                               LDB
                                                   get status
 1AAF
      C5
            02
                                BITB
                                       #2
                                                   check ready bit
 1AB1
       27
            FA
                                BEQ
                                       PEHIT1
 1AB3
      ۸7
            01
                                STA
                                       1,X
                                                   send character in A
 1AB5
       35
            14
                       PEHIT2
                               PULS
                                       B,X
 1AE7
       39
                               RTS
 1AB8 34
            14
                                                                 13:38 6
                                                                                    13161
                                                                                            al Pasi
                      PPKEY
                               PSIIS
                                       B,X
 IABA 7D
                                                                                           AL BASE
            2023
                               TST
                                       FFINA
                                                   test if input file address is set
 1 A B D
      27
                                                                                           01
            05
                               BEQ
                                       PKEY0
                                                  if not, read from terminal
 1ABF BE
            2028
                               LDX
                                       FFINA
                                                  get input address
 1AC2
       20
            Εl
                               BRA
                                       FLAIO
                                                  go to file io routine
 `AC4
       BE
            2018
                      PKEYO
                               LDX
                                       FACIA
 AC7
       E6
                      PKEY 2
                               LDB
                                       ,X
                                                  get status
 1AC9
       57
                               ASRB
 1ACA
      24
            FB
                               BCC
                                       PKEY2
                                                  no incomming data yet?
 1ACC A6
            01
                               LDA
                                       1,X°
 1ACE 84
            7 F
                               AMDA
                                       $$7F
                                                  strip parity
 1ADO
      20
            E3
                                       PEMIT2
                               BRA
 1AD2
      34
            10
                      PPQTER
                               PSHS
                                       X
                                                  terminal query routine
 1AD4
      DE
            2018
                               LDX
                                       FACIA
 1AD7
      Λ6
            84
                               LDA
                                       ,X
                                                  look at status
 1AD9 47
                               ASRA
 1ADA 25
            03
                               BCS
                                       PQTER2
                                                  if key has been pressed, get it and return
                                     in A register;
 IADC 4F
                               CLRA
                                                  if not, return 0 - note cntl 0 = NULL will
IADD
      20
            12
                               BRA :
                                       PQTER3
                                                  be regarded as no key
1ADF A6
            01
                               LDA
                      POTER2
                                       1,X
                                                  puts character into A
1VE1 81
            1 B
                               CMPA
                                       #$1B
                                                  test if it was ESCAPE KEY
IAE3
      26
            O.C.
                               BNE
                                       PQTER3
                                                  if not, return and just signal that key pres
1AE5 A6
            84
                      PQTER8
                               LDA
                                       ,X
                                                  look for another key.
                                                                                         4455 X 45 54
IAE7
      47
                               ASRA
                                                                                         9300 BE
LAES
      24
            FE
                               BCC
                                       PQTER8
                                                  loop until find one
                                                                                         000 1 113
LAEA.
      4.5
            01
                               LDA
                                       1,X
                                                  get it
                                                                                         37.13 H.A1
TAEC 31
            I B
                               CHPA
                                       #$1B
                                                  test to see if escape
```

4-20-80 TSC ASSEMBLER

(c)1980 TALBOT MICROSYSTEMS

```
(c)1980 TALBOT HICROSYSTEMS 4-20-80 TSC ASSEMBLER
                                                           PAGE
63 FORTH I/O DRIVERS
                            BNE PQTER3 if not, then pass it on CLRA if so, then treat as if no key pressed PULS X
  1AEE 26
           01
  1AFO 4F
                PQTER3 PULS X
  1AF1 35
          EL H Budy PQTER4 ORTS TO LEE YES 12
  1AF3 39
                    GODOSI PULÚS D,X
          , 16
  1AF4 37
                            PSHS V,Y
           60
  1AF6 34
                                   DOSIBE
                            LDU
  1AF8 FE
           1A7D
         LINE BUFFER POINTER
  IAFB EF
  1AFE' 1F
                            STA
           GC GODOS1 LDA STA
3F LEAY
F8 BHE
                                   ,<del>"</del>" ,2 3165 . . .
   BOO A6
   E02 A7
                                   -1,Y
  1E04 31
                                   GODOS1
  1506 26
           87
  1 EOC 86 30 ODGATE TO SEE S LDA SEE
                                   #$OD
                                   ,U
           C4
                           STA
  1BOA A7
  1 BOC AD 91 9C 80 TO TO TO THE THE TISR OF [DOSCID, PCR]
  180F 35 600 lad wait 1, no PULS U,Y ---
  16110 391 To omen ni ensementars in .
              DEOC DRSEL EQU * $DEOC
              DEOO DRREAD EQU TEA $DEOO
                    DRURIT EQU $DE03
               DE03
           HUNTIRY FCB 0

1A7B TO DSKRWI LDX TO DOSFCB
C1 LDD "
                                   $DEO6
               DE06 DRVERF
                            EQU
                                             holds number of tries
  1312 00
                                          bufferad rwcode sector track drive
  1B13 BE
                                             get drive
  1B16 EC
                   STB
                                   3 ,X
                                             drive byte of FCB
            DEOC JOS LDA
  1 B1 8 . E7
                                   DRSEL
  1 BIA BD
           1B12 STA
41 DSKRC1 LDA
43
                                   #10
                                            number of tries
  1B1D 86
                                   HUHTRY
   BIF B7
                                   1,U
   522 A6
            3,U
  1 B2 4 E6
                            TST
                                   5,U
                                             test rucode
  1526 6D
                The William
                                   DSKRWW
                                             O==URITE
 1B28 27
            10
46 by almies of
                            BEQ

    buff ad into X

                                   6,U
                            LDX
  1 52A AE
            DEOO DSKRIII JSR
                                   DRREAD
  1B2C DD
            1C Andrews
                                   DSKRTS
                             BEO
  1B2F 27
                                   NUMBERY
                             DEC
  1E31 7A
            1512
                                  DSKRC1
                                             try read again
                             BIJE
  1B34 26
            EC
  1836 86 1/1/2 52 R C Margar () 1 a LDA 4 # R
                                    DSKRWE
                             ERA
  1B38 20
            16
           1946 LOX DSKRWW LDX 194 6,U
                                             buff ad into X
  1B3A AE
                                    DRWRIT
                     DSKRWL JSR
  1B3C ED
            DE03
  1B3F BD
                             JSR
                                    DRVERF
            DE06
                             BEQ
                                    DSKRTS
   1B42 27
            09
                                    NUMTRY
                             DEC
  1D44 7A
            1E12
  1B47 | 26
1B49 | 86
                                    DSKRC1
                             BHE
            D9
                             LDA
            57
            03 14 Hand State BRA
                                    DSKRWE
  1 B4 B 20
                DSKRTS LEAU
                                    U, 3
   D4D 33
  BAF 39 (1200) RANGE OF RTS
```

type io type

PPEHIT

DSKRUE LBSR

. Paritimaleau a 8,0 %

1B50 17

1353-33

FF48

```
PAGE HAR 514 CHARMAN ( ) DOLEMAN ( ) BOOK ( )
68'FORTH I/O DRIVERS
 1B55 16
            E4AB
                               LBRA
                                                 warm restart
 1B58 AD
            9D FF31
                      RWDSEO
                               JSR
                                       [DOSRER, PCR] report error
                                                                                          3.5
 1B5C 6E
            8D E4A3
                               JMP
                                      3,PCR
                                                 warm start entry point
 1B60 26
            01
                      CHKERR
                               BHE
                                      CHKERO
                                                 if any error consider what it is
 1562 39
                               RTS
                                                 otherwise a return and appro-
                                                                                         11
 1B63 E6
            01
                      CHKERO
                               LDB
                                      1,X
                                                 get error code
                                                                                   £) A
 1B65 ¢1
            80
                               CHPB
                                      #$8
                                                 is it EOF?
 1867 26
            EF
                               BHE
                                      RWDS EO
                                                 go report error and warm restart
 1B69 7F
            2028
                               CLR
                                      FFINA
                                                 clear input file FCB address so that input
 1B6C 7F
            2029
                               CLR
                                      FFINA+1
                                                 will be from terminal
 1B6F 86
            OD
                               LDA
                                      #$D
                                                 return a car ret and continue
 1B71 39
                               RTS
                                                                                    7
 1B72 34
                      OPENFI
                              PSHS
 1B74 10AE 44
                               LDY
                                      4,U
                                                 get addr of count byte of string for
                               name of file
 1B77 31
            21
                              LEAY
                                      1,Y
                                                 move Y up to first character of name
 1B79 AE
            8D FF00
                              LDX
                                      DOSIBF, PCR address of DOS input line buffer.
 1B7D E6
            3F
                              LDB
                                      -1,Y
                                             get number of characters in name of file
 1B7F 27
            07
                      OPNL1
                               BEO
                                      OPNL2
                                                 br down when out of characters:
 1B81 A6
            0.0
                              LDA
                                      ,Y+
                                                 get next char ext
 1B83 A7
            30
                              STA
                                                 store in next buff locate
                                      , X+
 1B85 5A
                              DECB
                                                 decr ctr 🦩
 1B36 20
            F7
                              BRA
                                      OPNL1
                                                                                         90 7/6/
 1B88 86
            0D
                     OPNL2
                              LDA
                                      #$D
                                           carriage ret denotes end of name
                                                                                         FH EJAL
 1B8A A7
            84
                              STA
 1B8C AE
            8D FEED
                              LDX
                                      DOSIBF, PCR get buffer address again
 1B90 AF
            9D FEEF
                              STX
                                      [DOSBPT, PCR] set buffer ptr to pt to buffer beginning
 1B94 AE
            C4
                              LDX
                                                 get address of FCB to use for this file
 1 B96 A6
            9D FEE7
                              LDA
                                      [DOSWDN, PCR] get DOS working file no to use as defaul
 `B9A A7
            03
                              STA
                                      [DOSGFL, PCR] call DOS GETFIL rtn to parse file name
 1B9C AD
            9D FEE9
                              JSR
                                                              and set up FCB
1 BAO 86
            01
                              LDA
                                                 set default extinsion to TXT
 1BA2 AD
            9D FEE5
                              JSR
                                      [DOSEXT, PCR] sets extinsion to default if not given.
 1 BA6 A6
            43
                              LDA
                                      3 ,U
                                                get READ (=1) or WRITE (=0) code from stack
 1 BAS 33
            46
                              LEAU
                                      6,U
                                                drop all arguments from stack
 1BAA 35
            20
                              PULS
                                      Y
 1BAC 26
            06
                              BNE
                                      FMSCL1
1 BAE 36
            02
                              LDA
                                      ₽2
                                                0 = WRITE: , IN FLEX, WRITE IS COMMAND 2018
1000 20
           02
                              BRA
                                      FMSCL1
 1BB2 AE
           C1
                     FMSCLL
                                     : , U++,
                              LDX
                                            see get FCB address from stack and drop it
1 BB4 A7
            84
                     FMSCL1
                              STA
                                      0 X
                                                                     **** ** **
                                                                                           31376
IBB6 AD
           9D FED9
                     FMSCAL
                              JSR
                                      [DOSFMS, PCR]
                                                                                        00 TES 1
1BBA 8b
                              BSR
                                      CHKERR
                                                                                        [\cdot]_{t_{i}}
1BEC 39
                              RTS
                                                                                 147 1
1 BED 86
           04
                     CLOSFI
                              LDA
                                     ₽$04
                                                FLEX CLOSE FILE
                                                                                  1.29
                                                                                        350
1BBF 20
           F1
                              BRA
                                     FMSCLL
1BC1 86
           05
                     REWIDI
                              LDA
                                     $$5
                                                FLEX REVIND AN OPEN FOR READ FILE
1BC3 20
           ED
                              BRA
                                     FIISCLL
1BC5 86
           0C
                     DELETI
                              LDA
                                     €$0C
                                                DELETE FILE FROM DISK ( CLOSE FIRST)
15C7 20
           E9
                              BRA
                                     FM:SCLL
                                                                                          0124
1BC9 Ab
           9D FEC4 · RESIION
                              JSR
                                      [DOSFCL, PCR] close all open files
```

4-20-80 TSC ASSEMBLER

(c)1930 TALBOT MICROSYSTEMS

(c)1980 TALBOT MICROSYSTEMS 4-20-80 TSC ASSEMBLER PAGE 52 68'FORTH I/O DRIVERS

9D DC31 1BCD 6E

JMP = 1BDO FDOSIN EQU

[NXTMON, PCR] next monitor command processor

\*-1 this address FDOSIN must assemble to be <= 1:

END **PRG BGN** elde larga lare ea

WHE

District

966 - 175 ×

3.01 36.5

SAME SALES

Table 1 State of the State of t

1 ERROR(S) DETECTED

aude acht villa i d Sant A nacht i 6001 200 5 801 801 5 2000 7 

CODS YIE'S COAL RESTRICT CAR TO SEE STORY OF THE

AREL CHAME

caso at it

CHEE 1 0160

(611

18 60 WAR ! tena more

10 NV

and the

Mar Tilde ROAL THINKIN XUGAL ALL A

order correct and some contract then figure sale of the

ANG I DOUGHA - Page in the

toble by attiff General Steens

Charles the Control

Days the sail 4.240 . 111.3

Hada Hadaq SHA SE INC

Deal Warden Seast Robbins

Maria Albanda

asst to det

45'Eve 7' 191.3'

Milator Charles efaw 34850.

dias conside

1.1. Olantis

ONE PROPERTY. Barre I da

Carl Hawai

1131 121 221

e perkonago en

Allen State

BE of American area of the American

(c)1980 TALBOT PICROSYSTEMS 4-20-80 TSC ASSEMBLER PAGE - 53 - 20 mag 11 - 10 mg/ 1 - 08 0 1 (-5) 68'FORTH I/O DRIVERS andring of the tribat \* 1 4 \* 1838 de -SYNIDOL TABLE: 1120 ABORTC 1177 057C ACIAI 0029 ABORT ABS ABS2 0588 ALLOT 08E8 **AGAIN** 1526 AND 03ED ARROW 13F8 AT 06A7 ngarena (b)gagaa t BACK 147B BACKEC 0030 BACKSP 002F BASE **3830** BBUF 17B9 BLANKS ODB4 ECOMP OFDD EDIGS 15BD BEGIN 148D BL 078C BLOCK -12BO BLOCK3 12CE BLOCK4 12E3 BLOCK5 1300 0831 BLK 17C5 DUFFER 1268 BUFFR2 1272 **BUFFR3 1298** 01FF BSCR BRAN **BUILDS 06E4** FSIZ 0100 06 B3 CCOIM1 0905 CEHIT 0009 CAT 09D6 CHKERO 1E63 CHKERR 1B60 CKEY 00D9 0142 CFA CENT CLOSFO 19F7 CLOSFI 1BBD CLOSIN 1A09 CLITER OIEE CLOSEF 1A69 C110 V2 0380 CHOV3 038A CHOVE 036D COLD 0140 CLOSOT 1A24 COLINT 002D COLD2 0147 COLD8 0168 COLDZ 0130 COLON 005F

CONTXT 0869 08F4 COMPIL OXAE 0740 COLUMS OSCD COLLIA CON CPUTYP 0006 0100 010A CR2 012E COUNT 0 B4 F CR CR1 CRE 0136 CREAT2 OF 9D CREATE OF7D CSP O8AC CSTORE O6CF DABS2 059D DDOT 166E DDOTR 163A CURENT 0877 DABS 0591

0986 DEC OEOC DEFIN 10D2 DELETF 1A6F DDUP 097C DDUP2 DELTFO 19A5 DFIND OEDE DFIND2 OFFE DELETI 1 BC5 DELINT 002B DIG2 1614 DIGIT 0295 DIGITO 02AB DIGITI 02B3 DIG 15FA DISKIN 1979 DISKOU 1987 DIGIT2 02B3 DIGS 1622 DIGS2 1624 DLINE 135E **DLITE2 1026** DLITER 1016 DMINUS 0461 DISKRW 1911 ~14C5 DODOES 0700 DOCOL 0073 DOCON 074A DIINX 0477 DO DOSEPT 1A83 DOES 06F4 DOS 196E DOS1 195E DOS2 1966

DOSDET 1A85 DOSEXT 1A3B DOSFCB 1A7B DOSCID LASF DOSFCL 1A91 DOSRER 1A8D DOSF1\$ 1A93 DOSGFL 1A89 DOSIBF 1A7D DOSQ 193F DOSUDN 1A81 DOTQ OC2B DOSSDE 1A7F DOSWRM 1A87 167C DOT POTQ1 OC4A DOTQ2 0C52 DOUSER 07B5 DOVAR 0760 DOTR 165D LLVOC 1034 DP 0818 DPINIT 0025 0898 DPLUS 042B DPL

DRIVE 1842 DRONE 1822 DROP DRREAD DECO DRSEL DEOC 066B DSETS2 05F2 DRVERF DE06 DRSIN 1832 DRWRIT DE03 DRZERO 1812 DSETSI 05E8 DSERC1 1B22 DSKRW1 1B2C DSKRTS 1B4D DSKRWO 1A63 DSKRWE 1 B50 DSKRWI 1B13 DSKRWN 1B3A DSHEGI 3000 DSKRWL 1B3C

DTRAL4 OBE6 DSHEND 4000 DTRAIL 0B90 DTRAL2 0B98 DTRAL3 OBB2 DUMP31 172B DULLE 16DD 1717 DUMP1 16E7 DUHP2 16FA DUNP3 DUP **V390 EDIGS** 15CC ELSE 156D 00B3 ENCL2 0324 EMIT ENCL3 0334 ENCL7 035A ENCL4 033A ENCL5 0348 ENCL6 0352 ENCL7P 035D 1518 ENDIF 149F ENCL8 035F ENCLOS 0318 END

ERROR OF18 ERROR2 OF 26 EQUAL 0921 ERAM 1109 ERASE ODA3 EXEC EXPEC4 OD10 EXPECS OD12 0091 EXPEC2 OCA5 EXPEC3 OCF9 EXPECS ODIE EXPECT OC9B EXPECZ OCCD FACIA 2018 FBGNIO 1A50 FDOSIN 1BD0 FBYTSC 17BB FCBIN 2CS0 FCBOUT 2DCO FDOSBG 1A3D

FEHCE 080F FENCIN 0023 FILL 0D83 FFINA 2028 FFOUTA 202A 0041 FLUSH 1310 FINA FIRST 0798 FLA IO 1445 FLD 08A2 FMSCL1 1BB4 FORGET 1431 FLUSIII 1325 FIISCAL 1BB6 FIISCLL 1BB2 FORTH 2058 02FF FOUTA 0043 FROMR 0647 GETX 0055 FOUND

GODOSI 1AF4 GO 117E 1933 GODOSO 1A60 GODOSI 1E00 GODOS HLD 08**BF** GREAT 092D HERE 08D3 HEX 1860 OAF7 HI

IFCOLD 0138 HOLD ODC3 I 0270 IDDOT 0F49 1556 IF HEIED 1082 111 .083A INTER2 1036 INTER3 104E INTER4 1052

PAGE

54

(c) 1980 TALBOT MICROSYSTEMS 4-20-80 TSC ASSEMBLER PAGE 55 page 100 68 FORTH I/O DRIVERS 0192 WARM WARHE 019A WARN 0803 WENT / 019401 WHILE: 158For April 1985 
 WORD
 ODED
 WORD2
 OEO1
 WORD3
 OEO5

 XACIA
 2018
 XBASE
 2042
 XBKSP
 201E
 WIDINT 0045 WIDTH 07F5 WRITINT 0049 WRITE 19DD XCONT 203C XCSP 2048 XEMSPE 201F XBLK 2032 XCOLUM 201C XDP ... 2014, XDPL 2044 XCURR 203E XDELAY 201A XDO 0261 XFINA 2028 XFLD 2046 XLINDE 2021 XLINDL 2020 XDSHBG 0037 XDSMED 0039 XFENCE 2012 XFOUTA 202A MILLD 204C XIN 2034 XOFSET 203A XOR 040F XOUT 2036 XPLOOP 0239 XPLOP2 023D XPREV 004D 0228 MISGBS 202E XLOOP 024E XPLOF XPLONO 0256 XSCR 2038 XSPZER 2022 XSTATE 2040 XRIIUII 204A XRZERO 2026 : B 2024 XUSE 004B XVIRBG 0033 EVIRED 0035 XVOCL 2016 MARIL 2030 XUIDTH 202C ZBNO 021A ZBRAN: 020B40 ZBYES 0211 gg ZEOU 05FE ZEQU2 0607 ZERO - 076B ZLESS 0611 ZLESS2 061F

13077 156

1 (11)

(1) 15.1 · 数据代码

THE STATE OF STATE 1. 1 18. 0 NOT

1900 A34

लग्नाहरू स्वाधीत्राच

ARROTHER STA

ecan Yaina

rives items

Same Breig acet mee. in

Page - Herr

COURT CART

DANG TOR

Amet sound

SING AND

ADME 的标识的

TORY HOTE

STAB TELLET

ENDE CONT

\*\*34 8 1VT

Trens affiliate

2000 11375 PACE SHOUTH

Month top att.

CONTRACTOR

19.50

1.171

1771

(\*)

(24, 34)

PEAF PRIT

٠.

Proprieta programa de la Proprieta de la Compansión de la

文章 An 一个文献,描**述**。

- **10**41 - 00899

The contract and the contract of the configuration 
for the man that grarem and their

Approximation of the second

med gyan

idan roa

SPATE GEORGE

0.000 2.000

Charles Branch

THE TOWNS

13/0 00000

Specific Contract

PART CHURCH

PROFESSION

. Again agains

មិន ទោក នេះ គ្នា

21111

1.1

0.30

C. 6 M/G Mod Chil Still Vigt रासम्बर्भार विकास व्यक्ति प्राप्तमान

SERVICE TEN

MILET POST

 $(C_{i_1},C_{i_2},\cdots$ 

3,410

5点气的

3411

taig -

1000

1.1.11

1211

3010

0000

ALLI

1200

THEFT

**3000** diring of

-100

MAIL

春智期 9111

台灣主义

1550 .

200124

roca Gran

1233 17 172

## ## (File)

13311

11.54

PORT OF BUILDING

2000 200 200

海原海镇 自身心态

\$1.45 Tin

Apail to the

(949).