

Dump Memory

003 170

Dmp-mem Call ' 343 000 (CLR-TV)

Call 360 002

ehlde

.

NXT-Page a = ' 377

Call 372 000 char-to-TV

b = '010

.

NXT-Line ehlde, Call DsPLY=HL

ehlde, hl = 137 004 (code)

c = '010

.

NXT-word a = (de), de + 1

. bin To ascii

Call 225 001 (bin-To-Ascii)

hl+1, hl+1, hl+1, mc 240

hl+2

c-1, JNZ NXT-word

.

hl = 137 004 (code)

Call 326 001 wrt-lines

b-1 JNZ NXT-Line

.

hl = Byte, Call 275 001

a = B

hl = Page Call 275 001

hl = Dsply - Addr

ret

.

Dsply - Addr ' 342

Byte 000 000 000

'240 360

Page 000 000 000

'203

Dsply - HL psh hl, psh BC

Call CNVT - HL

Call 326 001

pop BC, pop hl

ret

.

. move up To eor

mov - Recd a = (de)

Call 155 007

r2

m = a hl + 1 de + 1

Imp mov - Recd

.

MSG " Pump-memory AT-

'203

nop!

42-381 50 SHEETS 5 SQUARE
42-382 100 SHEETS 5 SQUARE
42-389 200 SHEETS 5 SQUARE



NATIONAL

170 003

Dump mem

Dmp mem Call 343 000

Call '360 002

ehide

•
NXT PAGE a = '377

Call '372 000

b = '010

•
NXT LINE ehide, Call 0SPCY-HL

ehide, HL = '137 004

C = '010

NXT WORD a = (de), de + 1

• bin To ASCII

Call '225 001

h1 + 1, h1 + 1, h1 + 1, m = '240

h1 + 1

c - 1, JNZ NXT WORD

•
h1 = '137 004

Call '326 001

b - 1, JNZ NXT-Line

•
Call '000 002

i - a '240

JZ NEXT Page

Imp DMP MEM

WRT Addr psh hl, hl = '137 004

• mov (de) to (hl)

Call MOV - RCD

() = hl Hl . Save Buff Ptr

Pop hl, Call CVT-HL

• ehidr . addr of ascii To de

hl = () Hl, Restore Buff Ptr

Call MOV RCD

m = ' 203

hl = ' 137 004

Call ' 326 001

Pop hl

ret

HL ' 000 000

•
 CVT HL psh HL, Pop BC. hl To bc

a = c

hl = BYTE, Call ' 225 001

a = b

hl = Page, Call ' 225 001

h1 = DISPLAY - ADDR

ret

DISPLAY - ADDR ' 342

BYTE ' 000 000 000

' 240 360

PAGE ' 000 000 000

' 203

DISPLAY - HL PSHH1, PSHBC

CALL CUT - HL

CALL ' 326 001

POPBC, POPH1

RET

• move up to cor

MOV - RCD a = (de)

CALL ' 155 007

R2

m = a, h1 + 1, de + 1, 5mp MOV - RCD

MSG " Dump - memory - qT

' 203

NOPI

Dump memory

page 1

DMP_MEm Call 343 000

Call 360 002

ehide

.

NXT_PAGE a = '377

Call 372 000

b = '010

.

NXT_LINE ehide, call PSPLY_HL

ehide, hl = '137 004

C = '010

NXT_WORD a = (de), de + 1

, bin To ascii

Call 225 001

hl + 1, hl + 1, hl + 1, m = '240

hl + 1

C - 1 JNZ NXT_WORD

.

hl = 137 004

Call 326 001

b - 1 JNZ NXT_LINE

.

Call 000 002 KBD-in

i - a '240

JZ NXT_PAGE

Jump DMP_MEm

. nop

WRT_ADDR psh hl, hl = 137 004

.

, mov de To hl

Call mov-RECD

() = hl HL, Save buff ptr

pop hl push hl, Call CNVT_HL

ehide, addr of ascii To de

hl = () HL, restore Buff ptr

Call mov-RECD

m = '203

hl = '137 004

Call 326 001

pop hl

ret

page 2

HL = ' 000 000

CNVT-HL psh hl , pop bc . hl To Bc

a = c

hl = BYTE Call 255 001

a = b

hl = PAGE Call 255 001

hl = DSPLY-ADDR

ret

DSPLY-ADDR ' 342

BYTE ' 000 000 000

' 240 360

PAGE 000 000 000

' 203

DSPLY-HL psh hl , psh bc

Call CNVT-HL

Call 326 001

pop bc pop hl

ret

move TO eor

MOV-RECD a = (de)

Call 155 007

rZ

m = a , hl + 1 , de + 1 , Jmp MOV-RECD

MSG " dump_memory_AT

' 203

nop!

Dump memory

000	315	Dmp-mem	Call	Clear TV
	343			
	000			
	315		Call	
	360			
	002			
	353		ehlde	
	076	NXT-PAGE	a =	
	377		377	
	315		Call	chr-to-TV
	372			
	000			
	006		B = 010	
	010			
	353	NXT-Line	ehlde	
	315		Call	Osply-hL
	130			
	003			
	353		ehlde	
	041		hL =	
	137			
	004			
	016		C = 010	
	010			
	032	NXT-word	a = (de)	
	023		de + 1	
	315		Call	Bin-To-Ascii
	225			
	001			
	043		hL + 1	
	043		hL + 1	
	043		hL + 1	
	066		m = 240	
	240			
	043		hL + 1	
	015		c - 1	
	302		JNZ	NXT-word
	220			
	003			
	041		hL =	
	137			
	004			
	315		Call	wrt-lines
	326			
	001			
	005		b - 1	
	302		JNZ	NXT-Line
	206			
	003			

42 SHEETS 50 SHEETS 100 SHEETS 200 SHEETS 300 SHEETS
 NATIONAL

Call Red-in	3 1 5
1-a 240	0 0 2
ITZ NXT-Page	3 7 6
Dmp Mem	2 4 0
Rsh Hl	3 1 2
hl =	1 7 7
Call mov-Recd	0 0 3
HL	1 7 0
Call	0 0 3
pop hl	3 0 3
psH hl	3 4 5
WRT Addr	0 4 1
() = HL	1 3 7
pop hl	0 0 4
Call	3 1 5
psH hl	3 4 5
Call	3 4 1
eldhe	3 5 3
HL = () HL	0 5 2
Call mov-Recd	3 1 5
m = 203	0 6 6
Call WRT-lines	2 0 3
pop hl	0 4 1
Return	1 3 7
hl =	0 0 4
psH hl	3 1 1
Call	3 4 1
HL to BC	3 1 1
pop BC	0 0 0
a = c	0 0 0
	3 4 5
	3 0 1
	1 7 1

041	hl = Byte	
315		Call
255		
001		
171		a = k
041	hl = Page	
315		Call
041	hl = Dsply-Addr	
311		Return
342	Dsply-Addr	
000	Byte	
000		
000		
240		
360		
000	Page	
000		
000		
203	Dsply-hl	psh hl
315		psh bc
		Call CnvT-hL
315		Call wrT-lines
326		
001		
311		pop Bc
		pop hl
		Return
	mov-Recd	a = (de)
315		Call 155 007
155		
007		
310		rZ
167		m = a
043		hl + 1
024		de + 1
303		Jmp MOV-Recd

42-381 50 SHEETS 5 SQUARE
42-382 100 SHEETS 5 SQUARE
42-389 200 SHEETS 5 SQUARE



NATIONAL

3 0 4
3 2 5
3 1 5
3 2 0
2 4 0
3 1 5
3 0 5
3 1 5
3 1 7
3 2 2
3 3 1
2 4 0
3 0 1
3 2 4
2 0 3
0 0 0

MSG

Dmp mem aT

360 003

364
 003
 066
 254
 043
 005
 302
 343

* Sep Reg

m = '254
 hl + 1
 B-1
 Jnz * Nxt Reg

370

003
 315
 026
 004
 303
 200
 004
 167

* Oct/Bin

Call * Eor/display
 Jmp

000 004

043
 066
 275
 043
 032
 315
 225
 001

m = a
 hl + 1
 m = '275 (=)
 hl + 1
 a = (de)
 Call * Ascii-To-Bin

010

043
 043
 043
 066
 275
 043
 032

hl + 1
 hl + 1
 ht + 1
 m = '275 (=)
 hl + 1
 a = (de)
 Call

020

304
 001
 066
 254
 043

m = '254 (,)
 hl + 2

030

311
 053
 066
 215
 041
 137
 004
 315
 326
 001
 311

* Eor/display

ReT
 hl - 1
 m = '215 (er)
 hl =
 Call wrt Lines
 ReT



42-381 50 SHEETS SQUARE
 42-382 100 SHEETS SQUARE
 42-389 200 SHEETS SQUARE
 Made in U.S.A.

OCT/Bin	377 003	OCT/Bin	321 003
EOR/Display	026 004	OCT/Bin	332-003
NXT-Reg	343 003	EOR/Display	335 003
Dmp. Reg	300 003	NXT-Reg	366 003
Sep Reg	357 003	EOR/Display	371 003
Sep Reg	364 003		