

LINE#	LOC	CODE	LINE
0001	0000		;*****
0002	0000		;* TOGGLE PRG.*
0003	0000		;*****
0004	0000		;*
0005	0000		;THIS PROGRAM "TOGGLES" MOST OF THE GATES
0006	0000		;WITHIN THE 64K.ADD-ON
0007	0000		;*
0008	0000		*=\$0400 ;START MEMORY LOCATION
0009	0400		; ALLOWS "RUN"COMMAND FOR RESTART
0010	0400		;*
0011	0400	00	BYTE 0,13,4,10,0,158 ;10 SYS
0011	0401	0D	
0011	0402	04	
0011	0403	0A	
0011	0404	00	
0011	0405	9E	
0012	0406	28 31	BYTE '(1039)',0,0,0
0012	0406	00	
0012	040D	00	
0012	040E	00	
0013	040F	4C 12 04	JMP START
0015	0412		;*****
0016	0412		;* BLOCK 0-2 *
0017	0412		;*****
0018	0412	78	START SEI ;NO INTERRUPTS
0019	0413	A9 80	LDA #\$80 ;ENA 0 & 2
0020	0415	8D FO FF	STA \$FFF0
0021	0418	8D 00 80	STA \$8000 ;WRITE 0
0022	041B	8D 00 CO	STA \$C000 ;WRITE 2
0023	041E		;*****
0024	041E		;* BLOCK 1-3 *
0025	041E		;*****
0026	041E	A9 8C	LDA #\$8C ;ENA 1& 3
0027	0420	8D FO FF	STA \$FFF0
0028	0423	8D 00 80	STA \$8000 ;WRITE 1
0029	0426	8D 00 CO	STA \$C000 ;WRITE 3
0030	0429		;*****
0031	0429		;* W.PROT 1-3 *
0032	0429		;*****
0033	0429	A9 8F	LDA #\$8F ;W/P 1 & 3
0034	042B	8D FO FF	STA \$FFF0
0035	042E	8D 00 80	STA \$8000 ;WRITE 1
0036	0431	8D 00 CO	STA \$C000 ;WRITE 3
0037	0434		;*****
0038	0434		;* W. PRTO 0-2 *
0039	0434		;*****
0040	0434	A9 83	LDA #\$83 ;W/P 0 & 2
0041	0436	8D FO FF	STA \$FFF0
0042	0439	8D 00 80	STA \$8000 ;WRITE 0
0043	043C	8D 00 CO	STA \$C000 ;WRITE 2
0044	043F		;*****
0045	043F		;* T.V.PEEK 0-2*
0046	043F		;*****
0047	043F	A9 A0	LDA #\$A0 ;ENA PEEK 0

LINE#	CODE	LINE
0048	0041 8D FO FF	STA \$FFFO
0049	0444 8D 00 82	STA \$8200 ;WRITE TO SCREEN
0050	0447	*****
0051	0447	;* T.V.PEEK 1-3 *
0052	0447	*****
0053	0447 A9 AC	LDA #\$AC ;ENA PEEK 1
0054	0449 8D FO FF	STA \$FFFO
0055	044C 8D 02 82	STA \$8202 ;WRITE TO SCREEN
0056	044F	*****
0057	044F	;* I/O PEEK 1-3 *
0058	044F	*****
0059	0451 A9 CC	LDA #\$CC ;I/O PEEK 3
0060	0451 8D FO FF	STA \$FFFO
0061	0454 8D 00 E8	STA \$8202 ;WRITE TO E800
0062	0457	*****
0063	0457	;* I/O PEEK 0-2 *
0064	0457	*****
0065	0457 A9 CO	LDA #\$CO ; I/O PEEK 2
0066	0459 8D FO FF	STA \$FFFO
0067	045C 8D 00 E8	STA \$E800 ;WRITE TO E800
0068	045F 4C 12 04	JMP START ;LOOP BACK TO START
0069	0462	END

ERRORS = 0000

SYMBOL TABLE

SYMBOL VALUE
 START 0412
 END OF ASSEMBLY