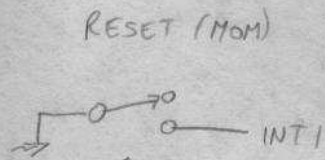
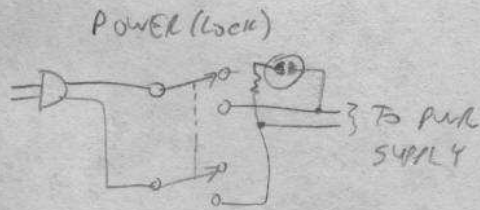
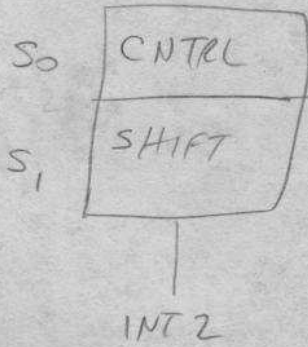
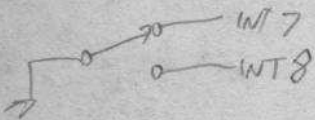


KBD 1-8 = S₀ - S₇

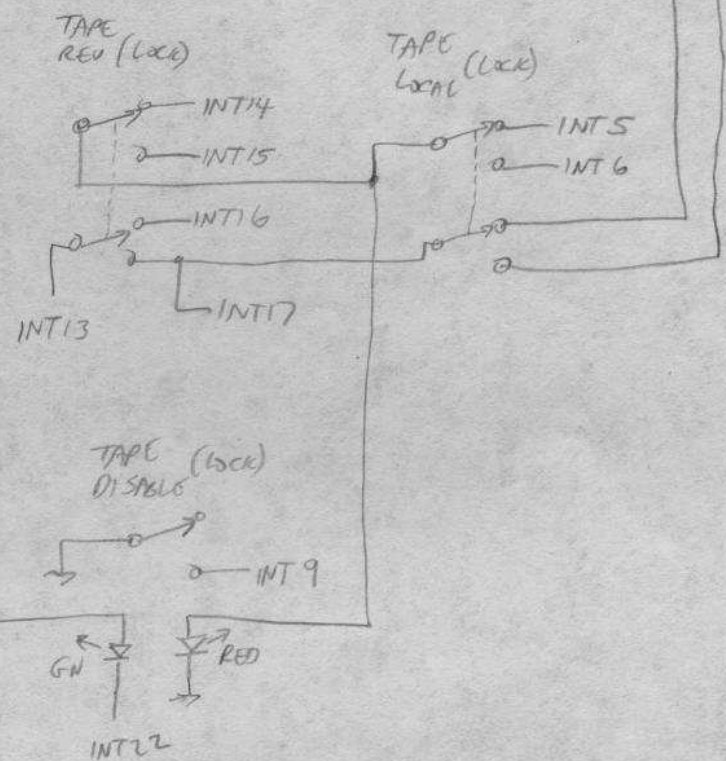
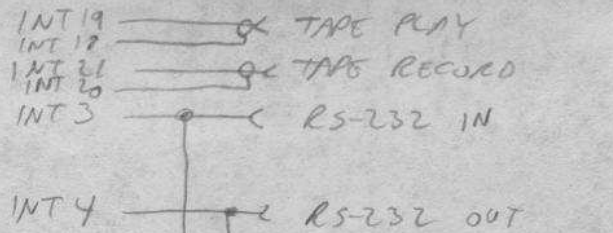
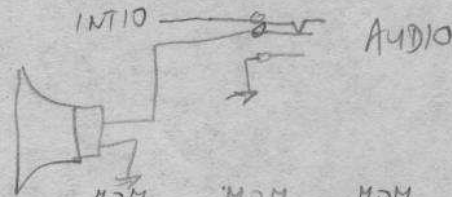
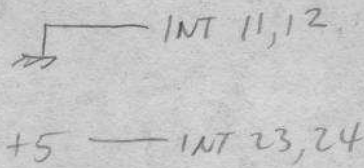
KB 9-16 = R₀ - R₇



MODE (MOM)



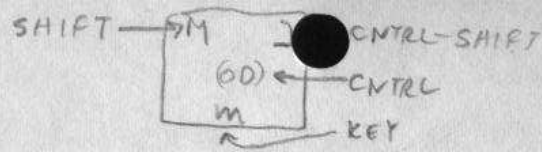
BEEP OFF (LOCK)



RS232 TAPE AND VID
 0 0 0 0 0 0
 IN OUT RM REC 0

LOCK	MOM	LOCK	LOCK	LOCK	MOM	MOM	MOM	MOM	MOM
PWR	RESET	TAPE DIS	TAPE LOCAL	TAPE REV	BREAK	BACK	DMP/NEXT	ERASE	MODE
0		0 0							

CTL S S S R R R



S ₀	000	∅	1	2	3	4	5	6	7
S ₁	001	()	*	+	<	=	>	?
		8	9	:	;	(1c)	(10)	(1E)	(1F)
S ₂	010	SP	LF	CR					/
S ₃	011	HOME (EOL) CLEAR	↑ ↓	→ ←	AUTO ON (TAPE ON) NEXT	AUTO OFF (TAPE OFF) BREAK	FORWARD (F-R-ON) BACKP		
S ₄	100	ESC (00)	A (01) a	B (02) b	C (03) c	D (04) d	E (05) e	F (06) f	G (07) g
S ₅	101	H (08) h	I (09) i	J (0A) j	K (0B) k	[(0C) l	\ M] (0D) m	N (0E) n	↑ O (0F) o
S ₆	110	P (0F) p	Q (0G) q	R (0H) r	S (0I) s	T (0J) t	U (0K) u	V (0L) v	W (0M) w
S ₇	111	X (0N) x	Y (0O) y	Z (0P) z					DEL

000 001 010 011 100 101 110 111
 R₀ R₁ R₂ R₃ R₄ R₅ R₆ R₇

EXCEPTIONS:

- 0C → 2C
- 4C → 3C
- 0E → 2E
- 4E → 3E
- 0F → 2F
- 4F → 3F
- 10 → 20
- 11 → 0A
- 12 → 0D
- 20 → 1B
- 60 → 40
- E0 → 60
- 0D → 7D
- 4D → 3D
- DC → CAPS
- 18 → CLEAR
- 19 → DOWN
- 59 → UP
- 1A → LEFT
- 5A → RIGHT
- 1B → NEXT
- 1C → BREAK
- 9D → BACKP
- DD → FRWD
- 1D → BACKP
- 5D → FORWARDP
- 58 → HOME
- 5B → AUTO ON
- 5C → AUTO OFF
- 9B → ERG6P
- 9C → STAPE
- 0B → ER EOL

OTHERWISE:

- 000XXXXX → 0011XXXX
- 001XXXXX → 011XXXXX
- 010XXXXX → 0010XXXX
- 011XXXXX → 010XXXXX
- 100XXXXX → 0001XXXX
- 101XXXXX → 000XXXXX
- 110XXXXX → 0111XXXX
- 111XXXXX → 0101XXXX

KEYBOARD
ENCODING

```

0001 0000 ;CRT TERMINAL CONTROL PROGRAM
0002 0000 ;
0003 0000 ;
0004 0000 ;
0005 0000 ;ROBERT GLASER, JUNE 1980
0006 0000 ;
0007 0000 ;
0008 0000 ;
0009 0000 ;VERSION 4.0
0010 0000 ;
0011 0000 ;FOR MEMORY MAPPED 6847
0012 0000 ;
0013 0000 ;
0014 0000 ;PART 1
0015 0000 ;
0016 0000 ;LAST MODIFIED: JANUARY, 1981
0017 0000 ;
0018 0000 ;
0019 0000 ;
0020 0000 ;HARDWARE STRUCTURE:
0021 0000 ;
0022 0000 ;ROM 0000-1FFF (2764)
0023 0000 ;
0024 0000 ;RAM 8000-87FF (2114 #1-#4)
0025 0000 ; C000-C0FF (8155 OR 8156)
0026 0000 ;
0027 0000 ;I/O DEVICES
0028 0000 ;ALL MEMORY MAPPED
0029 0000 ;
0030 0000 ;8251A USART
0031 0000 URDAT: EQU 4000H ;DATA
0032 0000 UR: EQU 4001H ;CONTROL/STATUS
0033 0000 ;
0034 0000 ;8253 TIMER
0035 0000 TIMOS: EQU 4400H ;ONE-SHOT
0036 0000 TIMMT: EQU 4401H ;MARK TONE
0037 0000 TIMST: EQU 4402H ;SPACE TONE
0038 0000 TIME2: EQU 4403H ;MODE
0039 0000 ;
0040 0000 ;8155 PPI
0041 0000 PPICS: EQU 0C100H ;PPI CNTRL/STAT
0042 0000 PPIA: EQU 0C101H ;PORT A
0043 0000 PPIB: EQU 0C102H ;PORT B
0044 0000 PPIC: EQU 0C103H ;PORT C
0045 0000 ;
0046 0000 ;8155 TIMER
0047 0000 TIML: EQU 0C104H ;TIMER LOW
0048 0000 TIMH: EQU 0C105H ;TIMER HI
0049 0000 ;
0050 0000 ;
0051 0000 ;
0052 0000 ;PARAMETERS:
0053 0000 ;
0054 0000 KBSZ: EQU 8 ;KBD BUFFER SIZE
0055 0000 URSZ: EQU 64 ;UART BUFFER SIZE
0056 0000 ;

```