U6

P1　P2

U7

U1　U2　U3　U4　U5

U16

P3

U12　U13　U14　U15

U8　U9　U10　U11

U17　U18　U19　U20　U21

U22　U23

P4

SW1　SW2

SW3　SW4　SW5　SW6

```
U1    Z80A-CPU
U2    MK2716 (@0000)
U3    MK2716 (@0800) – empty
U4    TMM2016 (@1000)
U5    TMM2016 (@1800)
U6    74LS245
U7    74LS245
U8    74S163
U9    74S04
U10   74LS138
U11   74LS139
U12   Z80A-CTC
U13   Z80A-SIO/0
U14   Z80A-PIO
U15   Z80A-PIO
U16   HDSP-2111 (5x7 8-char display)
U17   20.000MHz Oscillator
U18   Discrete components:
              R1:    1,16   330 R
              R2:    2,15   33K R
              D1:    +3,14  D
              R3:    4,13   68 R
              C1:    +5,12  C (electrolytic)
                     6,11   empty
              R4:    7,10   5.6K R
                     8,9    empty
U19   74LS14
U20   74LS08
U21   74LS32
U22   MC1489
U23   MC1488
SW1   SPDT pushbutton – RESET
SW2   SPDT pushbutton – NMI
SW3   SPDT toggle – 4800/9600 (up/down)
SW4   SPDT toggle
SW5   SPDT toggle
SW6   SPDT toggle
P1    DIP14 socket – I/O expansion
P2    DIP14 socket – I/O expansion
P3    FCC50-M – GPIO (Z80A-PIOs)
P4    DIP14 socket – RS-232
```