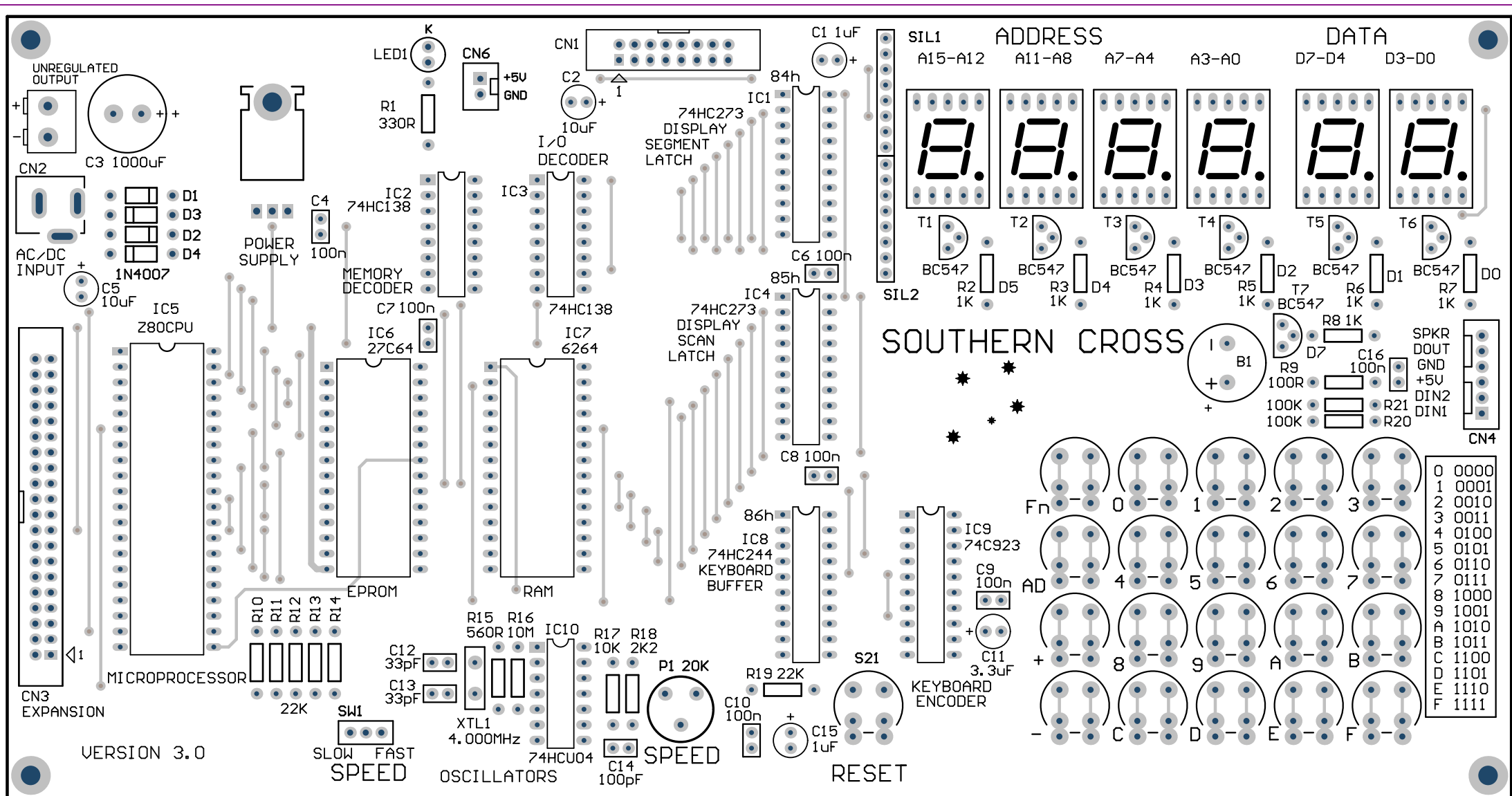


Designator	Comment	Quantity
B1	MINI SPEAKER 6.35mm (0.25") pitch	1
C1, C15	1uF Electrolytic Capacitor	2
C2, C5	10uF Electrolytic Capacitor	2
C3	1000uF/35V Electrolytic Capacitor	1
C4, C6, C7, C8, C9, C10, C16	100n Monolithic Ceramic Capacitor	7
C11	3.3uF Electrolytic Capacitor	1
C12, C13	33pF Ceramic Capacitor	2
C14	100pF Ceramic Capacitor	1
CN1	16 WAY IDC Straight or R/A	1
CN2	OD5.5 / ID2.1 POWER JACK	1
CN3	40 WAY IDC Straight or R/A	1
CN4	SIL6 6 Way Connector 2.54mm (0.1") pitch	1
CN5	2 TERMINAL 5MM Terminal Block	1
CN6	2PIN100 2 way connector 2.54mm (0.1") pitch	1
D1, D2, D3, D4	1N4004 Diode	4
IC1, IC4	74HC273	2
IC2, IC3	74HC138	2
IC5	Z80CPU	1
IC6	27C64 8k x 8 CMOS EPROM	1
IC7	6264 8k x 8 SRAM	1
IC8	74HC244	1
IC9	74C923	1
IC10	74HCU04	1
LD1, LD2, LD3, LD4, LD5, LD6	FND500/560 or CM1-5615S 7 Segment LED	6
LED1	5mm RED LED	1
P1	20K Trimpot	1
R1	330R	1
R2, R3, R4, R5, R6, R7, R8	1K	7
R9	100R	1
R10, R11, R12, R13, R14, R19	22K	6
R15	560R	1
R16	10M	1
R17	10K	1
R18	2K2	1
R20, R21	100K	2
S1, S2, S3, S4, S5, S6, S7, S8, S9, S10, S11, S12, S13, S14, S15, S16, S17, S18, S19, S20, S21	PUSHBUTTON	21
SIL1, SIL2	4 INDIVIDUAL RESISTORS 100R	2
SW1	SPDT SWITCH 2.54mm (0.1") pitch	1
T1, T2, T3, T4, T5, T6, T7	BC547	7
VR1	LM7805CT	1
XTL1	4.000MHz	1
HS1	TO-220 Heatsink	1



Comment	Description	Designator	Footprint	LibRef	Quantity
DATA BUS CONNECTOR				DATA BUS CONNECTOR	1
		B1	MINISPK	SPEAKER	1
1uF		C1, C15	ELCAP100	ELCAP1UF	2
10uF		C2, C5	ELCAP100	ELCAP10UF	2
1000uF		C3	ELCAP1MF	ELCAP	1
100n		C4, C6, C7, C8, C10, C16	RAD0.1	CC100N	6
33pF		C12, C13	RAD0.1	CC33PF	2
100pF		C14	RAD0.1	CC100PF	1
16 WAY IDC		CN1	IDC16P	IDC16	1
SOCKET		CN2	DJ25P	DCJACK	1
40 WAY IDC		CN3	IDC40P	IDC40	1
SIL6		CN4		SIL6	1
TBLOCK		CN5	EDGECON	TBLOCK	1
TBLOCK		CN6	MOLEX2	TBLOCK	1
1N4004		D1, D2, D3, D4	DIODE0.4	DIODE	4
1N4148		D?	DIODE0.4	DIODE	4
74HC273		IC1, IC4	DIP20	74HC273N	2
74HC138		IC2, IC3	DIP16	74HC138	2
Z80CPU		IC5	DIP40	Z80CPU	1
27C64		IC6	DIP28	2764	1
6264		IC7	DIP28	6264	1
74HC244		IC8	DIP20	74HC244	1
74HCU04		IC10	DIP14	74HCU04	1
CM1-5615S		LD1, LD2, LD3, LD4, LD5, LD6	TOS5161AS	7SEGDISPLAY	6
		LED1	5MMLED	LED	1
20K		P1	CERMET	POT20K	1
330R		R1	AXIAL0.4	RES330R	1
1K		R2, R3, R4, R5, R6, R7, R8	AXIAL0.4	RES1K	7
100R		R9	AXIAL0.4	RES100R	1
22K		R10, R11, R12, R13, R14, R19	AXIAL0.4	RES22K	6
560R		R15	AXIAL0.4	RES560R	1
10M		R16	AXIAL0.4	RES10M	1
10K		R17	AXIAL0.4	RES10K	1
2K2		R18	AXIAL0.4	RES2K2	1
100K		R20, R21, R?, R?, R?, R?	AXIAL0.4	RES100K	7
PUSHBUTTON		S1, S2, S3, S4, S5, S6, S7, S8, S9, S10, S11, S12, S13, S14, S15, S16, S17, S18, S19, S20, S21	DUAL_PB	PUSHBUTTON	21
100R		SIL1, SIL2	SIL4	SIL4	2
STRAP		SW1		STRAP	1
BC547		T1, T2, T3, T4, T5, T6, T7	TO-92C	BC547	7
LM7805CT		VR1	TO-220	LM7805CT	1
4.000MHz		XTL1	XTAL1	XTAL4MHZ	1