





Southern Cross Computer Version 3.0 Component Overlay

Southern Cross Computer Version 3.0 Bill of Materials

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