

<b>Ceramic capacitors, axial</b>			
C124, C130	2	10 pF 2%	
C126	1	22 pF	
C103	1	25 pF	
C121	1	47 pF	
C67, C129	3	100 pF	
C120	1	150 pF	
C105	1	180 pF	
C115	1	330 pF 2%	
C49	1	560 pF	
C108, C118, C119, C122, C133	5	1 nF	
C132	1	2.2 nF	
C35, C100, C116	3	10 nF	
C1, C2, C3, C4, C5, C6, C26, C29, C30, C41, C55, C56, C57, C58, C59, C60, C61, C62, C66, C101, C106, C107, C109, C110	26	22 nF	
C31, C32, C43, C75, C104, C25	6	100 nF	
C7, C8	2	1 uF	
<b>Electrolytic capacitors, axial</b>			
C27, C123, C127	3	1 uF	
C74	1	4,7 uF	
C34, C50, C80	3	22 uF	
C28, C111, C112, C113, C114, C131	6	47 uF	
C25, C44, C45	3	100 uF	
<b>Resistors</b>			
R87	1	0R	
R62	1	10R	
R61, R137	2	15R	
R34	1	15R / 0.5W	
R91, R92, R93, R94, R95, R133	6	68R	
R134	1	75R	
R25, R101, R102, R123, R142	5	180R	
R60	1	220R	
R114, R126	2	330R	
R1, R2, R3, R4, R5, R6, R7, R8, R17, R18, R19, R20, R21, R22, R23, R26, R27, R99, R104, R124, R125, R138	22	470R	
R142	1	560R	
R36, R38	2	680R	
R106	1	820R	
R24, R37, R58, R88, R105, R117, R118, R119, R120, R122, R129, R146	12	1k	
R73, R90, R100, R130, R131	5	1k5	
R59, R139, R140, R141	4	1k8	
R79, R135	2	2k2	
R103	1	3k3	
R107, R144	2	3k9	
R109	1	4k7	
R68, R108, R112	3	6k8	
R9, R10, R11, R12, R13, R14, R15, R16, R89	9	8k2	
R28, R29, R30, R31, R35, R65, R66, R67, R69, R96, R97, R98, R115	13	10k	
R110, R145	2	15k	
R132	1	18k	

R113	1	36k 2%	
R111	1	39k	
R31	1	220k	
<b>Diodes</b>			
D1, D2, D3, D4, D5, D6, D7, D8, D13, D20, D21, D22, D23, D24, D25, D26, D27, D31, D32, D33, D34, D35	22	1N4148	
D15, D17, D28, D29	4	BA157	could be BA159
D19	1	BZY88C 5V1	
<b>Transistors</b>			
TR5	1	ZTX213	ZTX751
TR3, TR6, TR14	3	ZTX313	TR3,TR6=MPS2369 or 2N2396A; TR14=BC549
TR4	1	ZTX650	ZTX651
TR11, TR12, TR13, TR15	4	BC239	BC549, BC547, BC550
TR10	1	BC308	BC559, BC557, BC560
<b>Crystals</b>			
X1	1	17,7345 MHz	
<b>Inductors</b>			
L1, L2	2	0uH, 0R	
L6, L7	2	100uH	
L3	1	TOKO 7KL	put L=15uH & C=82pF (parallel) between pins 1 and 3
L4	1	TOKO 7KL	1. put L=47uH between pins 1 and 3 2. put C=15pF between pins 1 and 6
L5	1	TOKO 7KL	can be omitted, short pins 1 and 6
<b>Integrated Circuits</b>			
IC1	1	ULA7K010E5	
IC2	1	Z80A CPU	
IC5	1	27C256 EPROM	
IC6, IC7, IC8, IC9, IC10, IC11, IC12, IC13, IC14, IC15, IC16, IC17, IC18, IC19, IC20, C21, IC22	16	4164 DRAM	
IC27	1	ZX8401 / PCF1306P	
IC28	1	74LS04N	
IC29	1	GAL16V8	
IC30	1	74LS157N	
IC31	1	74LS174N	
IC32	1	AY-3-8912	
IC33	1	1488	
IC34	1	1489	
IC36	1	TEA2000	
IC37	1	74S04N	
IC38	1	MC1376P	
<b>Step Down Regulator</b>			
5V REG	1	TRACO TSR 2-2450	
<b>Connectors</b>			
EAR, MIC	2	Jack 3,5mm MONO	
POWER CONN	1	DC POWER JACK 2,1 mm	
KB1	1	5-way ribbon connector	
KB2	1	8-way ribbon connector	
KEYPAD, RS232	2	? BT603A LH ?	
RGB	1	DIN-8, PCB mounted	

Other			
COIL	1	13/39 on ferrite core former	