

Part	IN	OUT	total	NOTES
Ics				
7400	1	2	3	
7402		1	1	
7404	1		1	
7410		1	1	
7474		2	2	
7475		2	2	
7493A		5	5	chip at location Z4 must be "A" revision
7496		1	1	
74121	1		1	
72741	2		2	
sum	5	14		
count	5	14		
resistors (1/4 watt, carbon composition, unless specified)				
330		1	1	
470	2		2	
1K	6	2	8	
2200	1		1	
2700	1		1	
3900	1		1	
6800	1		1	
10K	7	3	10	
22K	2		2	
36K	1		1	
56K		1	1	
100K	1	1	2	
10K 10 turn trim pot	1		1	
sum	24	8		
count	23	8		
capacitors				
.47UF		1	1	schematic says .33(actual board has .47 100 volt there)
.1 UF	3	6	9	
.1 UF large	3		3	
.01 UF	2		2	
.02 UF	3	1	4	
0.047	1		1	
0.0068	1		1	
330 PF	1		1	
10 UF electrolytic	2	2	4	
sum	16	10		
count	16	10		
discrete				
1N914 diode	4	1	5	not sure what type
6.3 volt zener	1	1	2	
2N2907	2		2	2N3906 is a good substitute
2N2222	1	1	2	2N3904 is a good substitute
MV10B LED	1		1	
fuse				
8AG fuse	1	1	2	type 8AG-The 8AG fuse measures 1/4 inch diameter by 1 inch long I used .5 AMP
Fuse Clips	2	2	4	littlefuse - 102 074
other				
relay		1	1	Guardian A791-200001-00 MDR-1A005
PCB				
INPUT	1		1	
OUTPUT		1	1	
total # parts	58	40	98	
CHASSIS				
edge conn	2			
chassis	1			
edge connector support	2			
78S11	3			
red binding post	1			
black binding post	1			
hook up wire				