



# NOTES

UNLESS OTHERWISE SPECIFIED  
CAPACITORS ARE CERAMIC DISC,  
VALUES IN MICROFARADS  
RESISTORS ARE CARBON FILM,  
VALUES IN OHMS, 7 1/2%, 1/4WATT  
UNLESS INDICATED OTHERWISE  
RESISTOR VALUES ARE IN  
OHMS UNLESS INDICATED  
OTHERWISE

**FOR TOOLING ONLY**  
This print is to be used for  
construction of testing only.  
not for manufacturing

Component Designations	Value	Unit
U1	74LS245	
U2	74LS541	
U3	74LS541	
U4	74LS541	
R1	10K	Ω
R2	10K	Ω
R3	10K	Ω
R4	10K	Ω
R5	10K	Ω
R6	10K	Ω
R7	10K	Ω
R8	10K	Ω
R9	10K	Ω
R10	10K	Ω
R11	10K	Ω
R12	10K	Ω
R13	10K	Ω
R14	10K	Ω
R15	10K	Ω
R16	10K	Ω
R17	10K	Ω
R18	10K	Ω
R19	10K	Ω
R20	10K	Ω
R21	10K	Ω
R22	10K	Ω
R23	10K	Ω
R24	10K	Ω
R25	10K	Ω
R26	10K	Ω
R27	10K	Ω
R28	10K	Ω
R29	10K	Ω
R30	10K	Ω
R31	10K	Ω
R32	10K	Ω
R33	10K	Ω
R34	10K	Ω
R35	10K	Ω
R36	10K	Ω
R37	10K	Ω
R38	10K	Ω
R39	10K	Ω
R40	10K	Ω
R41	10K	Ω
R42	10K	Ω
R43	10K	Ω
R44	10K	Ω
R45	10K	Ω
R46	10K	Ω
R47	10K	Ω
R48	10K	Ω
R49	10K	Ω
R50	10K	Ω
R51	10K	Ω
R52	10K	Ω
R53	10K	Ω
R54	10K	Ω
R55	10K	Ω
R56	10K	Ω
R57	10K	Ω
R58	10K	Ω
R59	10K	Ω
R60	10K	Ω
R61	10K	Ω
R62	10K	Ω
R63	10K	Ω
R64	10K	Ω
R65	10K	Ω
R66	10K	Ω
R67	10K	Ω
R68	10K	Ω
R69	10K	Ω
R70	10K	Ω
R71	10K	Ω
R72	10K	Ω
R73	10K	Ω
R74	10K	Ω
R75	10K	Ω
R76	10K	Ω
R77	10K	Ω
R78	10K	Ω
R79	10K	Ω
R80	10K	Ω
R81	10K	Ω
R82	10K	Ω
R83	10K	Ω
R84	10K	Ω
R85	10K	Ω
R86	10K	Ω
R87	10K	Ω
R88	10K	Ω
R89	10K	Ω
R90	10K	Ω
R91	10K	Ω
R92	10K	Ω
R93	10K	Ω
R94	10K	Ω
R95	10K	Ω
R96	10K	Ω
R97	10K	Ω
R98	10K	Ω
R99	10K	Ω
R100	10K	Ω

REV	DATE	DESCRIPTION	BY	CHKD	APP'D
A		RELEASED FOR TOOLING ECH/ECO#10000			
B		REV A WITH BILTSUB RELEASED FOR TOOLING ECH/ECO#10000			
C		ADDED C2 THRU C6, REV A TO NEVER RELEASED ECH/ECO#10000			
D		REMOVED C2 THRU C6, REV A TO NEVER RELEASED ECH/ECO#10000			
E		REMOVED C2 THRU C6, REV A TO NEVER RELEASED ECH/ECO#10000			