

CHANGE #3

Magnetic Tape Assembly - REV. D1 (15835)

Delete CR8 and CR9 from across R27
 DIODE, MULTI-PELLET/375484/09214/MPD300

Add R25
 RES, VAR, 10K +/-10%,1/2W/285171/89536/285171

Change R23 and R24
 FROM; RES, MTL FLM, 100K +/-1%,1/8W/248807/91637/CMF551003F
 TO: RES, MTL FLM, 49.9K +/-1%,1/8W/268821/91637/CMF554992F

Change R29
 FROM: RES, MTL FLM, 40.2K +/-1%,1/8W/235333/91637/CMF554022F
 TO: RES, DEP CAR, 100K +/-5%,1/4W/573584/80031/CR251-4-5P100K

Change R30
 FROM: RES, MTL FLM, 200K +/-1%,1/8W/261701/91637/CMF552003F
 TO: RES, DEP CAR, 200K +/-5%,1/4W/573634/80031/CR251-4-5P68K

Change R31
 FROM: RES, DEP CAR, 27K +/-5%,1/4W/573477/80031/CR251-4-5P27K
 TO: RES, DEP CAR, 68K +/-5%,1/4W/573550/80031/CR251-4-5P68K

Change R35 and R36
 FROM: RES, MTL FLM, 10K +/-1%,1/8W/168260/91637/CMF551002F
 TO: RES, DEP CAR, 10K +/-5%,1/4W/573394/80031/CR251-4-5P10K

Change C12
 FROM: CAP, CER, 39PF +/-5%,1000V/417410/72982/858-000-R2G0-390J
 TO: CAP, CER, 560PF +/-10%,600V/106203/72982/801-00-X5R0-560K

Change C13
 FROM: CAP, CER, 0.01UF +/-20%,100V/407361/72982/8121-A200-W5R-103M
 TO: CAP, CER, 0.22UF +/-20%,50V/519157/51406/RPE111Z5U224M50V

In addition to noting the above component changes on the schematic diagram, also cross-connect the input ends of R21 and R22 so that the HEAD+ input of A4J2 (also collector of Q4) connects to R22, and the HEAD- input (and collector of Q3) connects to R21.

Magnetic Tape Assembly - REV. D & REV. A2 (15699)

Make REV. D1 changes plus the following change.

Delete C16
 CAP, CER, 0.1UF/368647/71590/UK10-140

CHANGE #4

Magnetic Tape Assembly - REV. A1

Make the changes listed under Change #3 plus the following changes.

Change R37

FROM: RES, DEP CAR, 20K +/-2%,1/4W/573444/80031/CR251-4-2P20K
TO: RES, DEP CAR, 100K +/-5%,1/4W/573584/80031/CR251-4-5P100K

Change R6

FROM: RES, COMP, 1.2 +/-5%,1/2W/218701/01121/EB1R25
TO: RES, COMP, 9.1 +/- %,1W/573790/01121/GB9R15

Refer to the following Magnetic Tape Assembly schematic diagram.

Magnetic Tape Assembly - REV. A (15082)

Make the REV. A1 changes plus the following changes.

Change R14

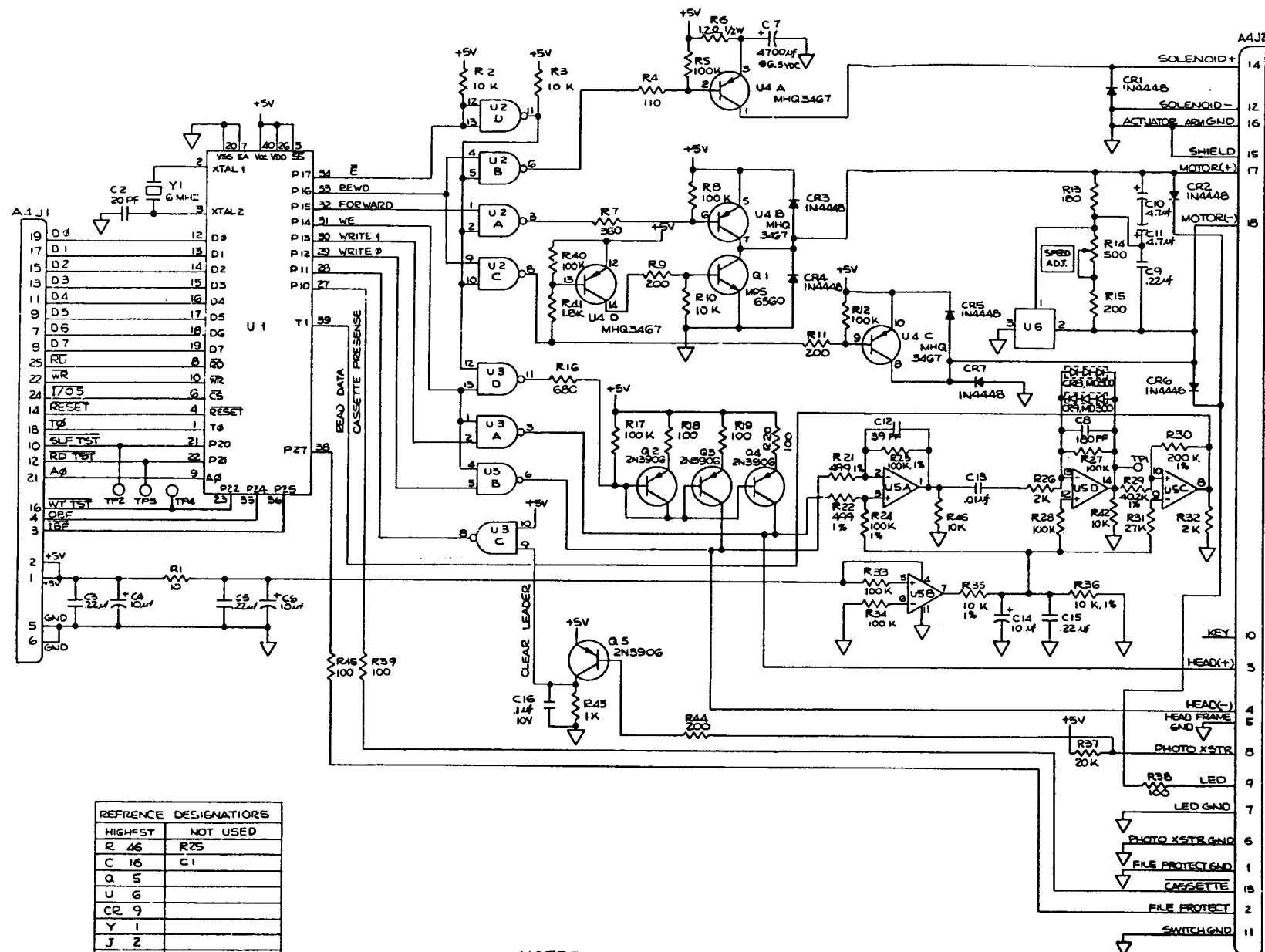
FROM: RES, VAR 500 +/-20%,1/2W/226068/02111/62-1-1-501
TO: RES, VAR, 500 +/-10%,1/2W/291120/89536/291120

Change R45

FROM: RES, DEP CAR, 100 +/-5%,1/4W/573014/80031/CR251-4-5P100E
TO: RES, DEP CAR, 10K +/-5%,1/4W/348839/80031/CR251-4-5P10K

Delete TP3 and TP4

Refer to the following Magnetic Tape Assembly schematic diagram.



REFERENCE DESIGNATORS	
HIGHEST	NOT USED
R 46	R25
C 16	C1
Q 5	
U 6	
CR 9	
Y 1	
J 2	

NOTES
 1 UNLESS OTHERWISE SPECIFIED
 ALL RESISTORS ARE IN OHMS, 1/4W AND
 5%
 2 ALL CAPACITORS ARE IN MICROFARADS

REF	TYPE	+5V	GND	QTY
U 1	8041	20,25	20	1
U 2,3	74LS38	14	7	2
U 5	LM324	4	11	1
U 6	TDA1151		3	1
U 4	MHQ3467			

Figure 8-5. A4 Magnetic Tape PCB Assembly (cont)