Ⓟ :TO POWER TRANSFORMER SECTION
Ⓡ :TO POWER SUPPLY/RF SECTION
Ⓥ :TO LUMINANCE & CHROMINANCE/AUDIO SECTION
Ⓐ :TO HI-FI AUDIO SECTION
Ⓣ :TO TIMER SECTION

CAPSTAN SERVO SPEED LOOP
CAPSTAN SERVO PHASE LOOP
CYLINDER SERVO SPEED LOOP
CYLINDER SERVO PHASE LOOP

(A23) (A7) (A8) (A25) (A26) (A9) (A27) (A28) (A10) (A11) (A29) (A30) (A12) (A31)

(A) IR → (A21)
(A) PROG (H) → (A18)
(A) OSD PULSE → (A17)
(R) SW2 → (A14)
(T) SAFETY TAB (L) → (A12)
(R V A) MAIN IIC CLOCK → (A11)
(R V A) MAIN IIC DATA → (A10)
(V) EE (L) → (A9)
(V) CYL HEAD (-) → (A8)
(V) CYL HEAD (+) → (A7)
(V) FREQ. ADJ. → (A6)
(V) PAL EP (H) → (A4)
(V) LP (H) → (A3)
(A) AV2 PB (H) → (A2)
(A) RFC MUTE (H) → (A1)

(V) TRACKING ENV.
(R) AFC S-CURVE

(R) N.SW 5V
(R) REG 5V
(R) PS 5V
(R) PS 12V
(R) GND
(R) GND (SYS)
(R) GND (FG)
(R) GND (MOTOR)
(R) GND (CYL)
(R) GND (AV)

(A) S-VHS SW (L)

MODE SW S1501 K0G934A-00002 → (B1) (B2) (B3)

(A) ABS NORMAL (H) → (B4)
(V) NORMAL (L) → (B5)
(V) S-VHS (H) → (B6)
(A) D.FM REC (H) → (B8)
(V) ART V/H/N → (B9)
(V) ET REC (H) → (B11)
(A) A.HEAD SW → (B12)
(R) AUDIO DEF (H) → (B13)
(V) TBC MODE O → (B14)
(V) HEAD SW → (B15)
(V) V.EE (L) → (B16)
(V) D.A.REC (H) → (B17)
(V) BIAS (L) → (B18)
(V A) MUTE (H) → (B19)
(V) FULL ERASE (H) → (B20)
(T) POWER KEY → (B21)
(R) POWER OFF (H) → (B22)
(R) FIP (L) → (B23)
(T) RESET (L) → (B24)
(V) SHORT DET (L) → (B25)
(V A) OSD VIDEO OUT → (B26)
(A) AV3 S-VHS IN (L)
(A) AV1 PB 12V
(T) BACK UP 5V

QR6002 XN1212 (A.DUB (H) :ON)
C6020 1
C6026 0.1
R6033 8200
L6003 220u
C6018 0.022
R6032 1K
C6019 0.1
S-VHS CASSETTE
S1502 VST0325
R1506 10K
R6045 100K
R6023 27K
C6015 16V10
R6025 43K
R6022 100
R6026 39K
C6016 0.01
TL6010
R6019 10K
R6021 27K
R6020 39K
R1501 120
C1501 0.1
C2514 0.1
Q1501 PNB2301MBV (T-PHOTO)
SENSOR D1501 SIR505S
Q1502 PNB2301MAV (S-PHOTO)
R6018 4700
R6001 4700
Q6008 2SD601A (AV1 PB:ON)
R6072 22K
QR6001 UN2215 (AV1 PB (L) :OFF)
R6073 470K
D6004 1SS355
R6071 18K
R6074 470
R6075 22K
R6076 15K

R2507 270K
R2508 43K
C2508 0.1
TW2002
C2513 3900P
C6017 680P
R6031 6800
C2512 25V4.7
C2511 6V22
C2509 0.47
R2505 3900
C2510 33P
R2506 1M
D2502 MA165
D2501 MA165
TW2015
R6036 470
R6035 470
R6015 470
R6014 470
R6030 4700
R6029 4700
R6024 4700
R6028 220
R6027 220
R6010 4700
TL6013
TL6012
R1504 27K
R1503 27K
R6081 220

IC6001 M37970VXMU

1 CURRENT LIMIT	2 F ADJ.	3 S CAS (L)	4 A.DUB (H)	5 TRACKING ENV.	6 SLP (H)	7 LP (H)	8 CPB	9 AFC S	10 A MUTE (H)	11 AV1 PB +12V	12 N/S/T1/T2	13 S-PHOTO	14 T-PHOTO	15 ABS NORM (H)	16 SPB (H) /MES (M) /NOR (L)	17 S-VHS (H)	18 SECAM ID IN	19 D.FM REC (H)	20 ART V/H/N	21 S SW (L)	22 AV3 S IN (L)	23 ET REC (H)	24 VIDEO H.SW	25 AUDIO H.SW	26 A.DEF (H)	27 TBC MODE	28 AVPB-H (L)	29 AVPB-M (M)			
116 +5V(AD)	115 +5V(A)	114 PB CTL OUT	113 CTL AMP REF	112 CTL HEAD(+)	111 CTL HEAD(-)	110 GND	109 I REF	108 O REF	107 PFG	106 GND	105 GND(A)	104 FG AMP IN	103 FG AMP OUT	102 EX.FF/REW (L)	101 EE (L)	100 OSD IIC DATA	99 OSD IIC CLOCK	98 MAIN IIC DATA	97 MAIN IIC CLOCK	96 EEP WR	95 DAVIN	94 S-REEL PULSE	93 T-REEL PULSE	92 S TAB (L)	91 5P DATA OUT	90 5P DATA IN	89 5P CLOCK	88 FLD/T2 DATA OUT			

(A6) (A4) (A3) (A2) (A1)

C6013 1
TW2001
R6017 1K
X6002 H0H200-500011
C6012 15P
C6011 18P
R6005 0
X6001 VSX1022
C6010 18P
C6009 18P
R6004 220K
R1505 100
R6002 1K
C6005 0.01
C6003 470P
C6004 0.01

(B4) (B5) (B6) (B8) (B9) (B11) (B12) (B13) (B14)

(B15) (B16) (B17) (B18) (B19) (B20) (B21) (B2) (B1) (B3) (B22) (B23) (B24) (B25) (B26)

FLD/T2 DATA IN 87 → (C1)
FLD/T2 CLOCK 86 → (C2)
FLD CS 85 → (C3)
125Hz 84 → (C4)
CAP F/R 83 → (C5)
HALF WAVE (H) 82 → (C6)
BW (H) 81 → (A23)
CYL ET 80 → (C7)
CAP ET 79 → (C8)
P50 OUT 78 → (C9)
IR 77 → (A21)
P FAIL (L) 76 → (C10)
NAVI DATA 75 → (C11)
NAVI (H) 74 → (C12)
PROG (H) 73 → (A18)
SLEEP (L) 72 → (C13)
OSD PULSE 71 → (A17)
AD V 70 → (C14)
SECAM/PAL 69 → (C15)
PAL-I/BG/DK 68 → (A14)
LOADING (H) 67 → (C16)
UNLOADING (H) 66 → (C17)
SHORT DN (L) 65
CV IN (EDS) 64
V HOLD 63
HLF 62
CV OUT 61
MD0 60
20Hz START (H) 59

R6012 220
R6011 220
R6013 220
TW6002
TL2503
C6014 1000P
R6008 47K
R6041 1500
R6040 1K
C6023 1
C6022 220P
R6039 1K
R6009 22K
C6036 56P
R6078 470
C6035 1
R6077 1M
R6043 0
Q6002 2SB709A (AMP)
TL2502

IC1502 RPI354N (S-REEL)
IC1501 RPI354N (T-REEL)
L6005 68u
R1502 180
C6024 6V220
R2503 10K
R2504 10K
C2507 0.056
C2505 0.056
R2502 2200
R2501 0
C2506 0.056

1 2 3 4 5 6 7 8 9 10 11 12
G F E D C B A