IC0201 (CAPSTAN MOTOR DRIVE)

CAPSTAN MOTOR COILS

A1 A2 A3

MOTOR DRIVE

DIFFERENTIAL AMPLIFIRE

TORQUE CONTROL

TL AMP

EC AMP

DEF AMP

POSITION SIGNAL PROCESS

TORQUE DIRECTION SELECT

HALL

H3- H3+ H1- H1+ H2- H2+

VH+

HALL POWER

VM 19 — P0201 P2571 2

TL 9 — P0201 P2571 5

EC 10 — P0201 P2571 6

ED/S 11 — P0201 P2571 7

UNREG 15V

TL2502

11 CURRENT LIMIT (H)

76 CAP ET

74 CAP R/F

TL2015

CAPSTAN FG HEAD

P0201 P2571 3

86 CAP FG OUT

87 CAP FG IN

IC2501 (LOADING MOTOR & CYLINDER MOTOR DRIVE)

LOADING MOTOR

P1531 1 — OUT 1 — AMP

P1531 2 — OUT 2 — AMP

PRE-DRIVE

CONTROL LOGIC

F IN 5 — 67 LOADING (H)

R IN 6 — 66 UNLOADING (H)

CYLINDER MOTOR COILS

M1 M2 M3

MOTOR DRIVE

PRE-DRIVE

MOTOR DRIVE SIGNAL GENERATOR

SELECTOR

DIFFERENTIAL AMPLIFIRE

COM 20

91 O REF

96 CTL AMP REF

PG COIL 15 16

DIFFERENTIAL AMPLIFIRE

FG/PG COMPOSER

DIFFERENTIAL AMPLIFIRE

14 — 77 CYL ET

17 — 18 — 90 CYL PFG

TL6001

73 125Hz

CONTROL HEAD

P4001 5 — 94 CTL HEAD(+)

P4001 6 — 95 CTL HEAD(-)

TW2002

82 EX.FF/REW (L)

97 PB CTL OUT

MODE SW S1532

1 2 3 4 5

93 POSITION SW1

92 POSITION SW2

91 POSITION SW3

90 POSITION SW4

3 T.PHOTO

7 S.PHOTO

26 SAFETY TAB (L)

+5V

Q1501 TAKE-UP PHOTO SENSOR

D1501 SENSOR LED

Q1502 SUPPLY PHOTO SENSOR

S6001 SAFETY TAB SW

IC1502 (T-REEL SENSOR)

IC1501 (S-REEL SENSOR)

+5V

TL6013

TL6012

79 S.REEL

80 T.REEL

IC6001 (SYSTEM CONTROL & SERVO)

32KHz IN 35 — X6002 — 32KHz OUT 36

12MHz IN 38 — X6001 — 12MHz OUT 39

D VDD 37

TW1004

+B

BACK-UP BATTERY B6001

IC2001 (SWITCHING REG.)

+5V — 6 OUT — IN 1 — SW 3

POWER ON (H) 4

HEATER(-)

HEATER(+)

UNREG 6V

FROM POWER

IC6003 (IR RECEIVER)

IR 14 — 1 IR — 3 +5V

IC6002 (RESET)

1 OUT — 2 +5V

P.FAIL (L) 78

IC TALK 68

IC LSN 69

IC CLK 70

FL DRV CS 65

DP7501

(TIMER DISPLAY)

F+ F+ F- F- 1 2 44 45 — 5 12 15 23 33 39

IC7501 (FIP DRIVE)

11 G1 — 17 G7

18 S18 20 S17 28 S9 29 S8 36 S1

1 S.DATA

2 S.CLOCK

3 CS

JET REW S7504

SEARCH S7514

TAPE REFRECH S7516

PICTURE S7519

EJECT S7511

+5V — 4 A3

PLAY S7502

CH DOWN S7507

STOP S7513

FF S7510

REW S7509

REC S7508

POWER S7515

+5V — 5 A2

T.REC S7503

CH UP S7506

NV-SJ230AF

SYSTEM CONTROL & SERVO BLOCK DIAGRAM