

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

CAPSTAN SERVO SPEED LOOP

CAPSTAN SERVO PHASE LOOP

CYLINDER SERVO SPEED LOOP

CYLINDER SERVO PHASE LOOP

G

IR → (A21)
 PROG (A) → (A18)
 OSD PULSE (V) → (A17)
 SECAM (A) → (A16)
 SECAM (V) → (A15)

SAFETY TAB (T) → (A12)
 MAIN IIC CLOCK (RV/A) → (A11)
 MAIN IIC DATA (RV/A) → (A10)
 CNR OFF (V) → (A9)
 CYL HEAD (-) (V) → (A8)
 CYL HEAD (+) (V) → (A7)
 FREQ. ADJ. (V) → (A6)
 60Hz PB (A) → (A5)
 PAL EP (V) → (A4)
 LP (A) → (A3)
 AV2 PB (A) → (A2)
 RFC MUTE (A) → (A1)

TRACKING ENV. →

AFC S-CURVE (R) →

NSW 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) (R)

S-VHS SW (A) →

MODE SW (S1501 KOG934A-00002)
 1 → (B1)
 2 → (B2)
 3 → (B3)

ABS NORMAL (V)
 NORMAL (V)
 S-VHS (V)
 SECAM DET (V)
 D.FM REC (V)
 ART V/H/N (V)
 AV3 S-VHS IN (V)
 ET REC (V)
 A.HEAD SW (V)
 AUDIO DEF (V)
 HEAD SW (V)
 HEAD SW (V)
 V.EE (V)
 D.AREC (V)
 BIAS (V)
 MUTE (V)

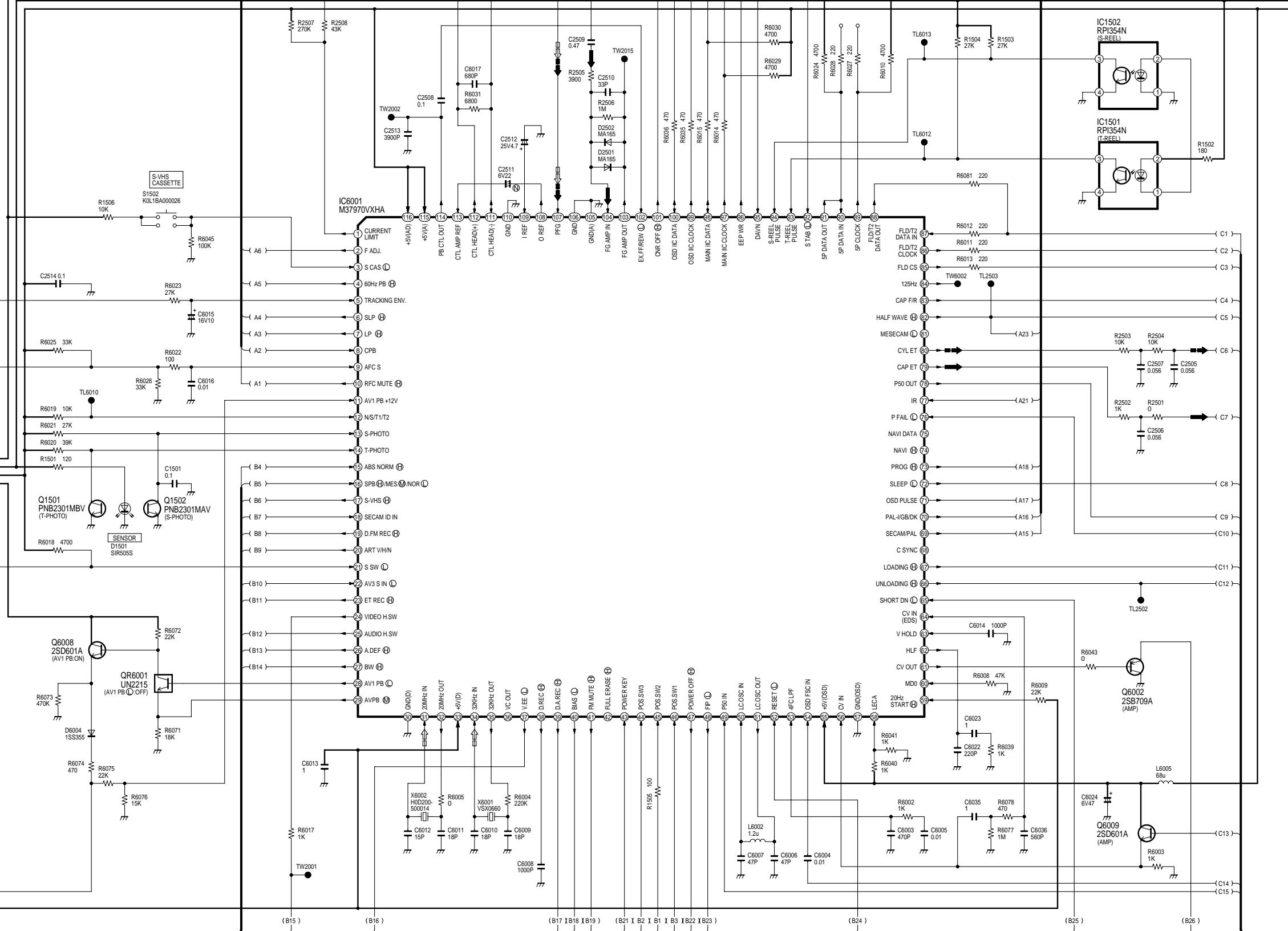
POWER KEY (T)
POWER OFF (R)

RESET (T)
SHORT DET (V)

OSD VIDEO OUT (V)

AV1 PB 12V (A)

BACK UP 5V (T)



NV-HS820F SYSTEM CONTROL & SERVO SECTION IN MAIN SCHEMATIC DIAGRAM