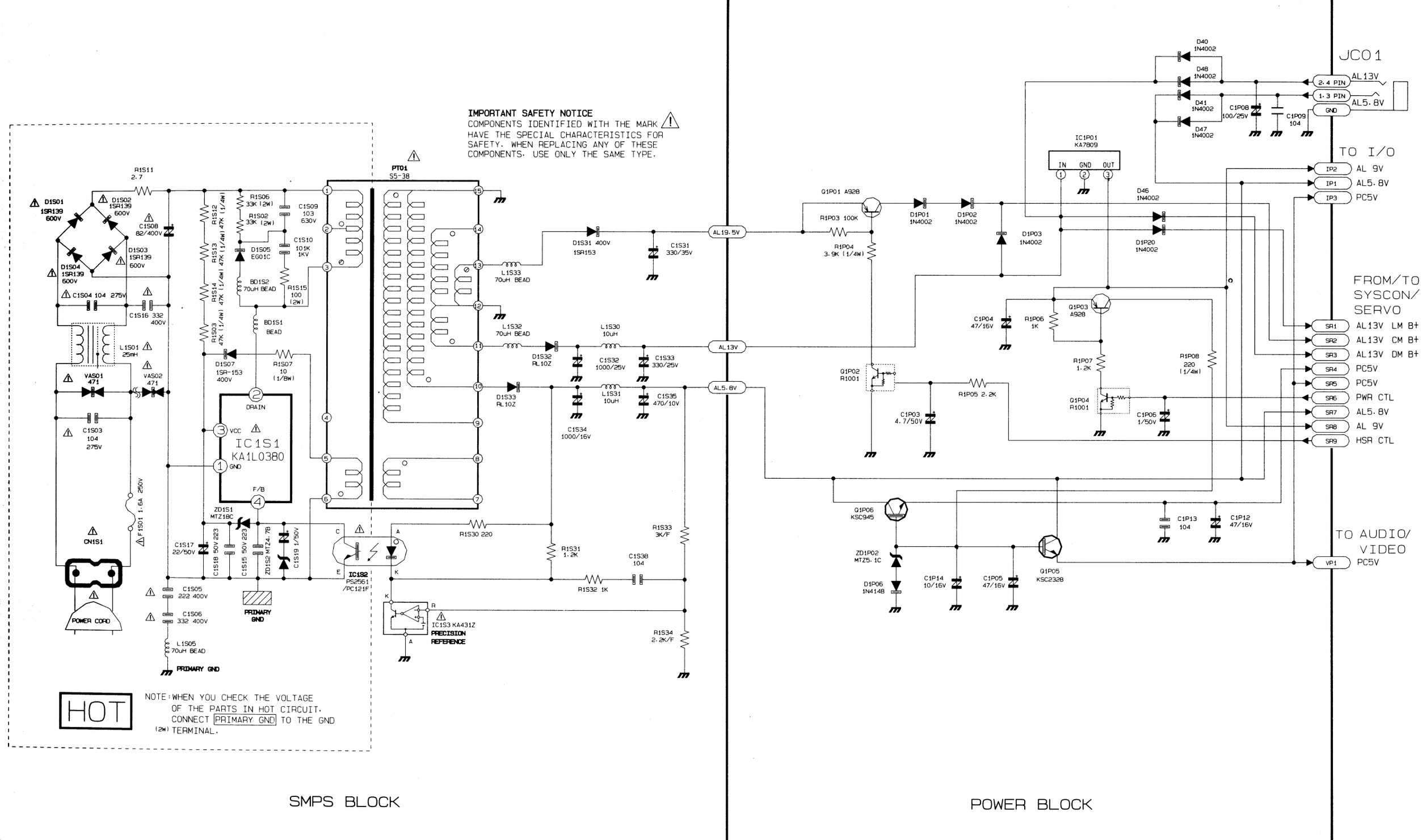
IMPORTANT SAFETY NOTICE
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY. WHEN REPLACING ANY OF THESE COMPONENTS. USE ONLY THE SAME TYPE.
PT01 S5-38
R1S11 2.7
D1S01 1SR139 600V
D1S02 1SR139 600V
D1S03 1SR139 600V
D1S04 1SR139 600V
C1S08 82/400V
C1S04 104 275V
C1S16 332 400V
L1S01 25mH
VAS01 471
VAS02 471
C1S03 104 275V
F1S01 1.6A 250V
CN1S1
POWER CORD
R1S12 47K (1/4W)
R1S13 47K (1/4W)
R1S14 47K (1/4W)
R1S03 47K (1/4W)
R1S06 33K (2W)
R1S02 33K (2W)
C1S09 103 630V
C1S10 101K 1KV
D1S05 EG01C
BD1S2 70uH BEAD
R1S15 100 (2W)
BD1S1 BEAD
D1S07 1SR-153 400V
R1S07 10 (1/8W)
IC1S1 KA1L0380
DRAIN
VCC
GND
F/B
ZD1S1 MTZ18C
C1S17 22/50V
C1S18 50V 223
C1S15 50V 223
ZD1S2 MTZ4.7B
C1S19 1/50V
C1S05 222 400V
C1S06 332 400V
L1S05 70uH BEAD
PRIMARY GND
PRIMARY GND
IC1S2 PS2561 /PC121F
IC1S3 KA431Z PRECISION REFERENCE
R1S30 220
R1S31 1.2K
R1S32 1K
C1S38 104
R1S33 3K/F
R1S34 2.2K/F
D1S31 400V 1SR153
C1S31 330/35V
L1S33 70uH BEAD
L1S32 70uH BEAD
D1S32 RL10Z
L1S30 10uH
C1S32 1000/25V
C1S33 330/25V
D1S33 RL10Z
L1S31 10uH
C1S35 470/10V
C1S34 1000/16V
AL19.5V
AL13V
AL5.8V
HOT
NOTE: WHEN YOU CHECK THE VOLTAGE OF THE PARTS IN HOT CIRCUIT. CONNECT PRIMARY GND TO THE GND (2W) TERMINAL.
SMPS BLOCK
Q1P01 A928
R1P03 100K
R1P04 3.9K (1/4W)
D1P01 1N4002
D1P02 1N4002
D1P03 1N4002
D1P20 1N4002
D46 1N4002
D40 1N4002
D48 1N4002
D41 1N4002
D47 1N4002
C1P08 100/25V
C1P09 104
IC1P01 KA7809
IN GND OUT
JCO1
2.4 PIN AL13V
1.3 PIN AL5.8V
GND
TO I/O
IP2 AL 9V
IP1 AL5.8V
IP3 PC5V
FROM/TO SYSCON/ SERVO
SR1 AL13V LM B+
SR2 AL13V CM B+
SR3 AL13V DM B+
SR4 PC5V
SR5 PC5V
SR6 PWR CTL
SR7 AL5.8V
SR8 AL 9V
SR9 HSR CTL
C1P04 47/16V
R1P06 1K
Q1P03 A928
R1P07 1.2K
R1P08 220 (1/4W)
Q1P02 R1001
R1P05 2.2K
Q1P04 R1001
C1P03 4.7/50V
C1P06 1/50V
Q1P06 KSC945
C1P13 104
C1P12 47/16V
TO AUDIO/ VIDEO
VP1 PC5V
ZD1P02 MTZ5.1C
D1P06 1N4148
C1P14 10/16V
C1P05 47/16V
Q1P05 KSC2328
POWER BLOCK