SCHEMATIC DIAGRAM TV-2102, TV-2002, TV-1402 aiwa

ITEM	TV-2002	TV-1402
*L401	39uH	50uH
*C401	0.3u	0.3u
*C402	8200p	6600p
*C404	390p	560p
*R412	0.68	0.68
*R481	2K4	2K7
*R504	10	18
*Q508	2SC1815Y	—
*D508	1N4148	—
*R520	220K	—
*C529	100u 16V	—

IC201 STR6307

Power regulator

VOLTAGE

PWR ON / STANDBY

Photocoupler

Error amplifier

Regulator with reset

Micro-computer IC001 TVP2606S-DD5/04

S009 SERVICE MODE

Photo DET.

IR PreAMP.

STBY

EEPROM

IC701 Video coder-decoder unit

IC703 VSP Deflection processing unit

IC706 SPU2220 SECAM processing unit

Vertical deflection circuitry

IC301 TDA8172

V.CENTER

IF ADJUSTMENT

VR101 RF AGC

SIF

IC101 LA7550

38.0MHz ADJ.

AFT

SIF converter

IC102 LA7935

IC401 7812 12v regulator

IC501 TDA1013B Audio amplifier

TUNER TU101

ANT. IN

01-247800-100

PICTURE TUBE

CRT DRIVE BOARD

E.H.T.

TP001 3.5V p-p

TP002 1.5V p-p

TP003 2V p-p 17.734MHz

TP004 5V P-P(V)

TP007 2V P-P(H)

TP301 1.5V p-p(H)

TP401 1V P-P(H)

TP501 4.5V P-P(H)

TP502 4.5V P-P(H)

TP503 4.5V P-P(H)

83-LB1-902-110
930309ATN-Y

NOTE 1 : CIRCUIT CONSTANTS AND CIRCUIT ITSELF ARE SUBJUCT TO BE CHANGED WITHOUT NOTICE.

NOTE 2 : REGARDING MODEL TV-2002 & TV-1402, THE CONSTANT OF THE PART-REFERENCE NO. OF WHICH IS MARKED WITH "*" IS DIFFERENT FROM TH S CIRCUIT DIAGRAM, PLEASE REFER TO THE TABLE AT THE UP-RIGHT CORNER.