

Service Manual



Colour Television

TX-29AD50F/S

TX-25AD50F/S

EURO-3 Chassis

Specifications

(Information in brackets { } refers to TX-25AD50F/S)

Power Source : 220 - 240 V AC, 50Hz

Power Consumption : 159W {149W}

Aerial Impedance : 75Ω unbalanced, Coaxial Type

Receiving System : PAL B/G, D/K, I, H, PAL - 60
SECAM B/G, D/K, L/L'
M.NTSC, NTSC (AV Only)

Receiving Channels : VHF E2 - E12
VHF H1 - H2 (ITALY)
VHF A - H (ITALY)
VHF R1 - R2
VHF R3 - R5
VHF R6 - R12
UHF E21 - E69
CATV (S01 - S05)
CATV S1 - S10 (M1 - M10)
CATV S11 - S20 (U1 - U10)
CATV S21 - S41 (HYPERBAND)

Intermediate Frequency :

Video 38.9MHz, 34MHz
Sound 32.9MHz, 33.4MHz
33.16MHz, 32.4MHz
40.4MHz, 34.05MHz, 33.05MHz
Colour 34.65MHz, 34.47MHz, 34.5MHz

Video / Audio Terminals :

AUDIO MONITOR OUT Audio (RCA x 2) 500mV rms 1kΩ
AV1 IN Video (21 pin) 1V p-p 75Ω
Audio (21 pin) 500mV rms 10kΩ
RGB (21 pin)

AV1 OUT Video (21 pin) 1V p-p 75Ω
Audio (21 pin) 500mV rms 1kΩ

AV2 IN Video (21 pin) 1V p-p 75Ω
Audio (21 pin) 500mV rms 10 kΩ
S-Video IN Y : 1V p-p 75Ω
(21 pin) C : 0.3V p-p 75Ω

AV2 OUT Video (21 pin) 1V p-p 75Ω
Audio (21 pin) 500mV rms 1kΩ
Selectable output (21 pin)

AV3 IN S-Video IN Y : 1V p-p 75Ω
(4-pin) C : 0.3V p-p 75Ω
Audio (RCA x 2) 500mV rms 10kΩ
Video (RCA x 1) 1V p-p 75Ω

High Voltage : 30.5 kV ± 1 kV at zero beam current

Picture Tube : A68ESF002X43 68 cm
{A59ESF002X43 59 cm}
110° deflection

Audio Output :
Internal Speaker 2 x 20W (Left/Right)(Music Power)
25W (3D Bass)(Music Power)
8 Ω Impedance

Headphones 8 Ω Impedance

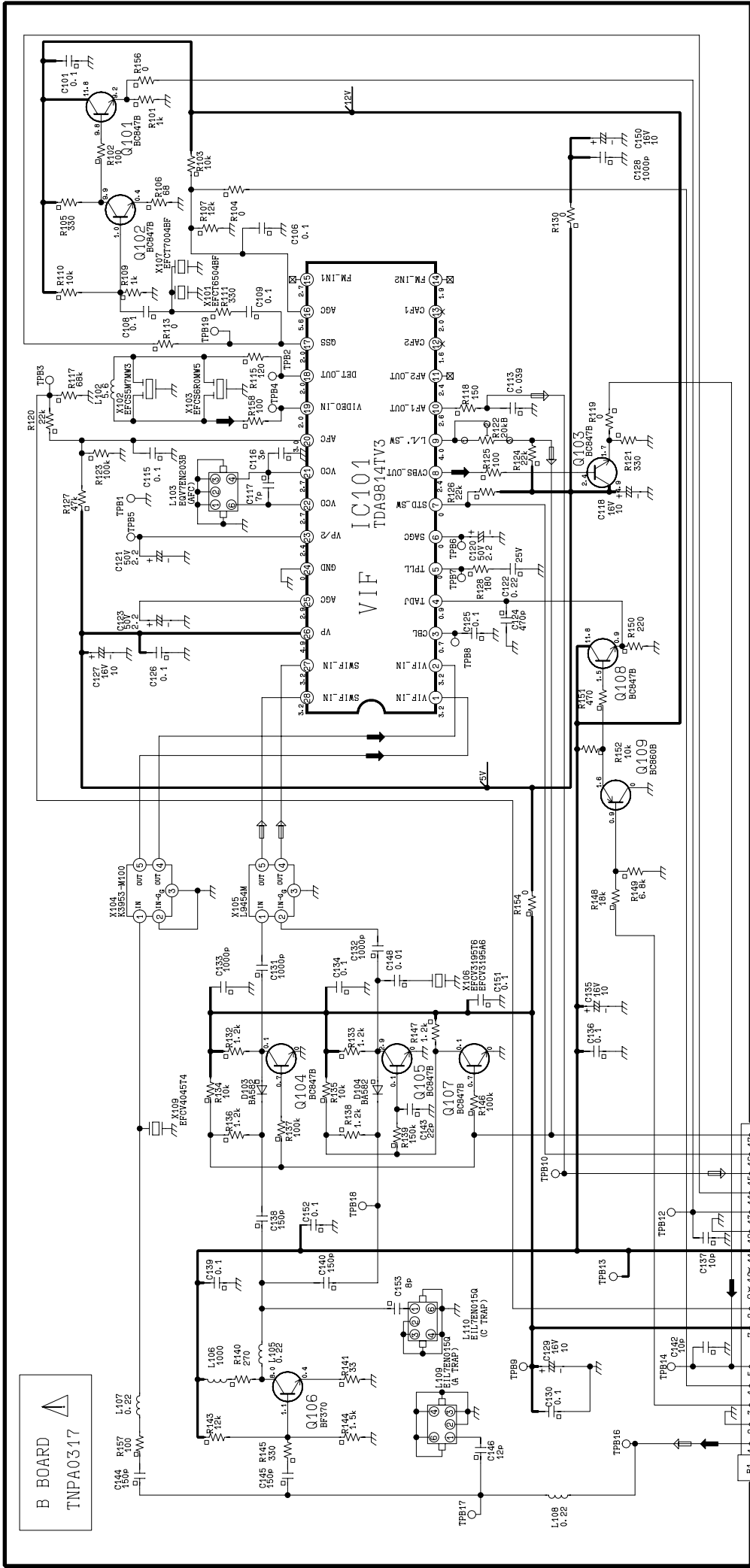
Accessories supplied : Remote Control
2 x R6 (UM3) Batteries

Dimensions :

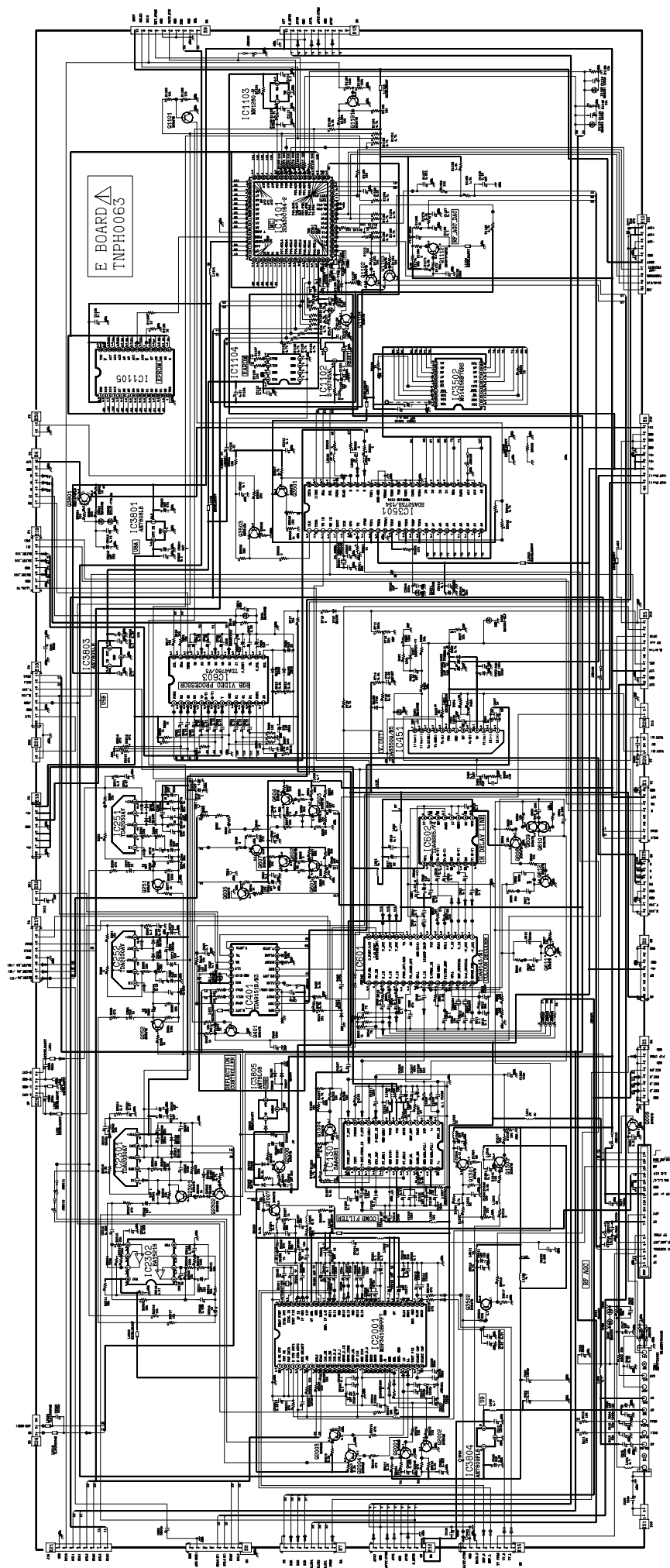
Height : 570mm {510mm}
Width : 698mm {625mm}
Depth : 483mm {468mm}

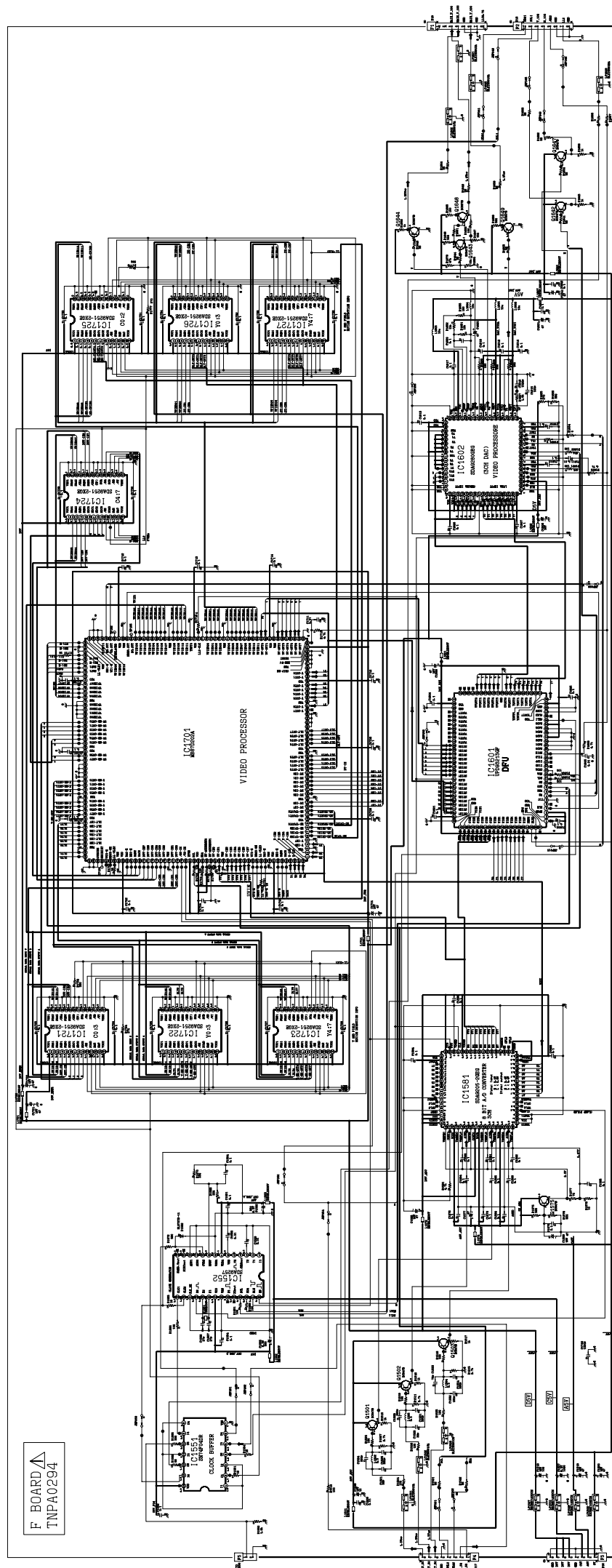
Net Weight : 37kg {31kg}

Specifications are subject to change without notice.
Weight and dimensions shown are approximate.



Pin	Signal
1	RF-AGC OUT
2	RF-AGC COUNT
3	VIDEO OUT
4	5V
5	12V
6	SECAM D/K
7	AM
8	NEG
9	POS





AV1 JK3101

AV2 JK3102

JS106
JS103
YB51-0867 YB51-0866

H BOARD
TNPA0293

