

# Service Manual



**SUPPLEMENT - 1**

**Colour Television  
TX-28XDP2F**

**EURO 2 Chassis**

## NOTE:

THIS SUPPLEMENT SHOULD BE USED IN CONJUNCTION WITH THE TX-28XDP1F SERVICE MANUAL.

## NOTE:

CE SUPPLEMENT DOIT ETRE UTILISE CONJOINTEMENT AVEC LE MANUEL TECHNIQUE DU TX-28XDP1F.

## Specifications

|                                  |                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>Power Source :</b>            | 220 — 240 V AC, 50Hz                                                                                                 |
| <b>Power Consumption :</b>       | 112W                                                                                                                 |
| <b>Aerial Impedance :</b>        | 75Ω unbalanced, Coaxial Type                                                                                         |
| <b>Receiving System :</b>        | PAL B/G, I, H PAL — 60<br>SECAM L/L', B/G<br>MNTSC, NTSC (AV Only)                                                   |
| <b>Receiving Channels :</b>      | VHF E2 — E12<br>VHF A — H (ITALY)<br>VHF R3 — R5<br>UHF E21 — E69<br>CATV S01 — S05<br>CATV S11 — S20 (U1 — U10)     |
| <b>Intermediate Frequency :</b>  | Video 38.9MHz, 34MHz<br>Sound 32.9MHz, 33.4MHz, 33.16MHz<br>32.4MHz, 40.4MHz<br>34.65MHz, 34.47MHz, 34.5MHz          |
| <b>Colour</b>                    |                                                                                                                      |
| <b>Video / Audio Terminals :</b> |                                                                                                                      |
| AUDIO MONITOR OUT                | Audio (RCA x 2) 500 mV rms 1kΩ                                                                                       |
| AV1 IN                           | Video (21 pin) 1 Vp-p 75Ω<br>Audio (21 pin) 500 mV rms 10kΩ<br>RGB (21 pin)                                          |
| AV1 OUT                          | Video (21 pin) 1 Vp-p 75Ω<br>Audio (21 pin) 500 mV rms 1kΩ                                                           |
| AV2 IN                           | Video (21 pin) 1 Vp-p 75Ω<br>Audio (21 pin) 500 mV rms 10 kΩ<br>S-Video IN Y: 1 Vp-p 75Ω<br>(21 pin) C: 0.3 Vp-p 75Ω |
| AV2 OUT                          | Video (21 pin) 1 Vp-p 75Ω<br>Audio (21 pin) 500 mV rms 1kΩ<br>Selectable output (21 pin)                             |
| AV3 IN                           | Audio (RCA x 2) 500 mV rms 10kΩ<br>Video (RCA x 1) 1 Vp-p 75Ω                                                        |
| <b>High Voltage :</b>            | 28.7kV ± 1kV at zero beam current                                                                                    |
| <b>Picture Tube :</b>            | A66ECF50X12 70 cm<br>110° deflection                                                                                 |
| <b>Audio Output :</b>            | 2 x 10W (Left/Right) (RMS)<br>15W (Surround) (RMS)<br>15W (Centre) (RMS)<br>8 Ω Impedance                            |

|                               |                                                  |
|-------------------------------|--------------------------------------------------|
| Headphones                    | 8 Ω Impedance                                    |
| <b>Accessories supplied :</b> | Remote Control<br>2 x R6 (UM3) Batteries         |
| <b>Dimensions :</b>           | Height : 562mm<br>Width : 771mm<br>Depth : 482mm |

## Net Weight

34kg  
Specifications are subject to change without notice.  
Weight and dimensions shown are approximate.

## Caractéristiques

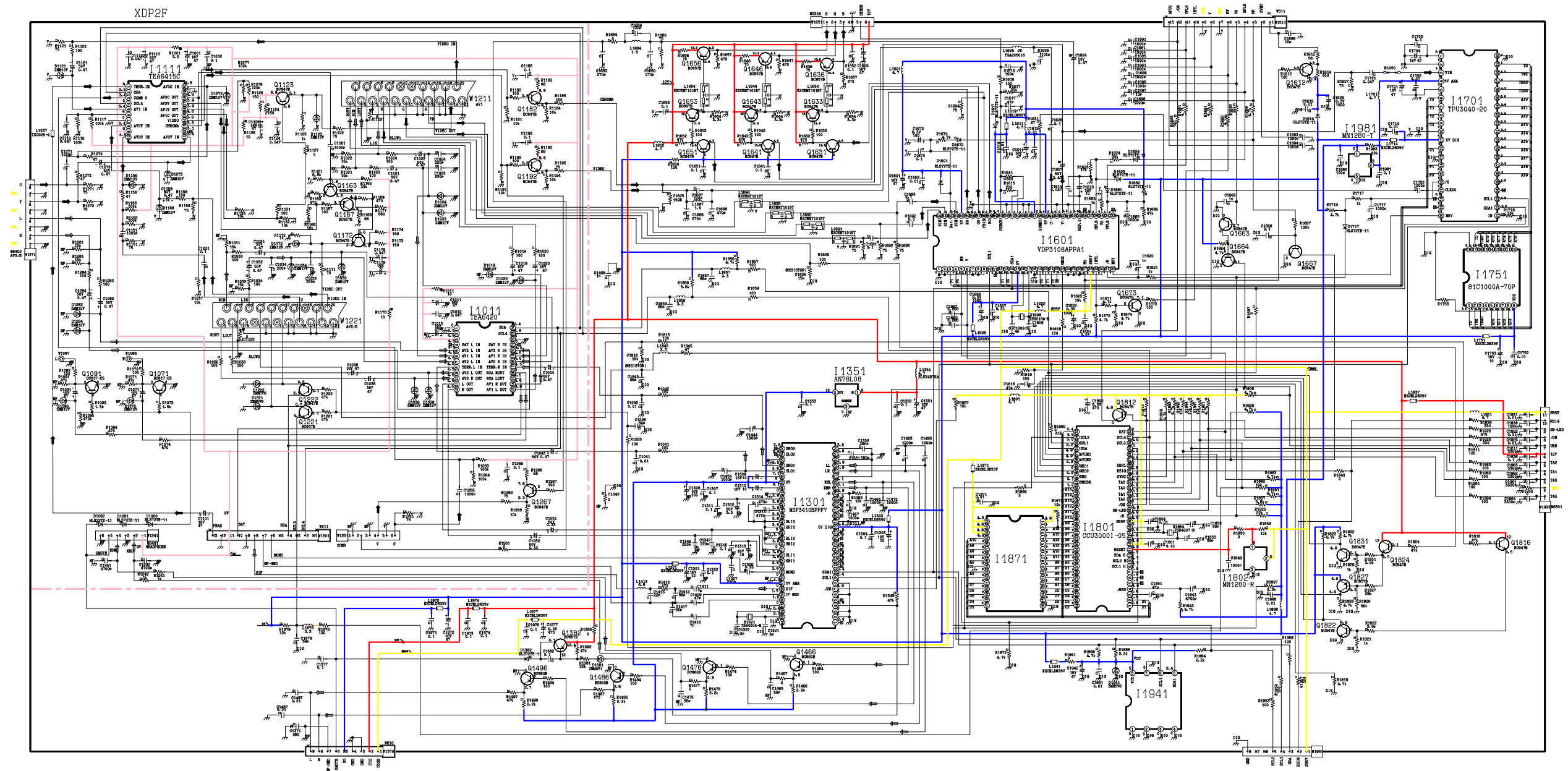
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|----------------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>Alimentation :</b>            | 220 — 240 V AC, 50Hz                                                                                                 |
| <b>Consommation :</b>            | 112W                                                                                                                 |
| <b>Impédance d'antenne :</b>     | 75Ω asymétrique sur prise coaxiale                                                                                   |
| <b>Système de réception :</b>    | PAL B/G, I, H PAL — 60<br>SECAM L/L', B/G<br>MNTSC, NTSC (Entrée AV seulement)                                       |
| <b>Canaux de réception :</b>     | VHF E2 — E2<br>VHF A — H (ITALY)<br>VHF R3 — R5<br>UHF E21 — E69<br>CATV S01 — S05<br>CATV S11 — S20 (U1 — U10)      |
| <b>Fréquence Intermédiaire :</b> | Video 38.9MHz, 34MHz<br>Sound 32.9MHz, 33.4MHz, 33.16MHz<br>32.4MHz, 40.4MHz<br>34.65MHz, 34.47MHz, 34.5MHz          |
| <b>Colour</b>                    |                                                                                                                      |
| <b>Les bornes vidéo/audio :</b>  |                                                                                                                      |
| AUDIO MONITOR SORTIE             | Audio (RCA x 2) 500 mV rms 1kΩ                                                                                       |
| Entrée AV1 (21 broches)          | Video (21 pin) 1 Vp-p 75Ω<br>Audio (21 pin) 500 mV rms 10kΩ<br>RGB (21 pin)                                          |
| Sortie AV1 (21 broches)          | Video (21 pin) 1 Vp-p 75Ω<br>Audio (21 pin) 500 mV rms 1kΩ                                                           |
| Entrée AV2 (21 broches)          | Video (21 pin) 1 Vp-p 75Ω<br>Audio (21 pin) 500 mV rms 10 kΩ<br>S-Video IN Y: 1 Vp-p 75Ω<br>(21 pin) C: 0.3 Vp-p 75Ω |
| Sortie AV2 (21 broches)          | Video (21 pin) 1 Vp-p 75Ω<br>Audio (21 pin) 500 mV rms 1kΩ<br>Selectable output (21 pin)                             |
| Entrée AV3 (21 broches)          | Audio (RCA x 2) 500 mV rms 10kΩ<br>Video (RCA x 1) 1 Vp-p 75Ω                                                        |
| <b>Tension d'anode :</b>         | 28.7kV ± 1kV                                                                                                         |
| <b>Tube image :</b>              | A66ECF50X12 70 cm<br>110° mesure diagonale.                                                                          |
| <b>Sortie Audio :</b>            | 2 x 10W (Gauche/Droit) (efficaces)<br>15W (Surround) (efficaces)<br>15W (Centre) (efficaces)<br>8 Ω Impédance        |

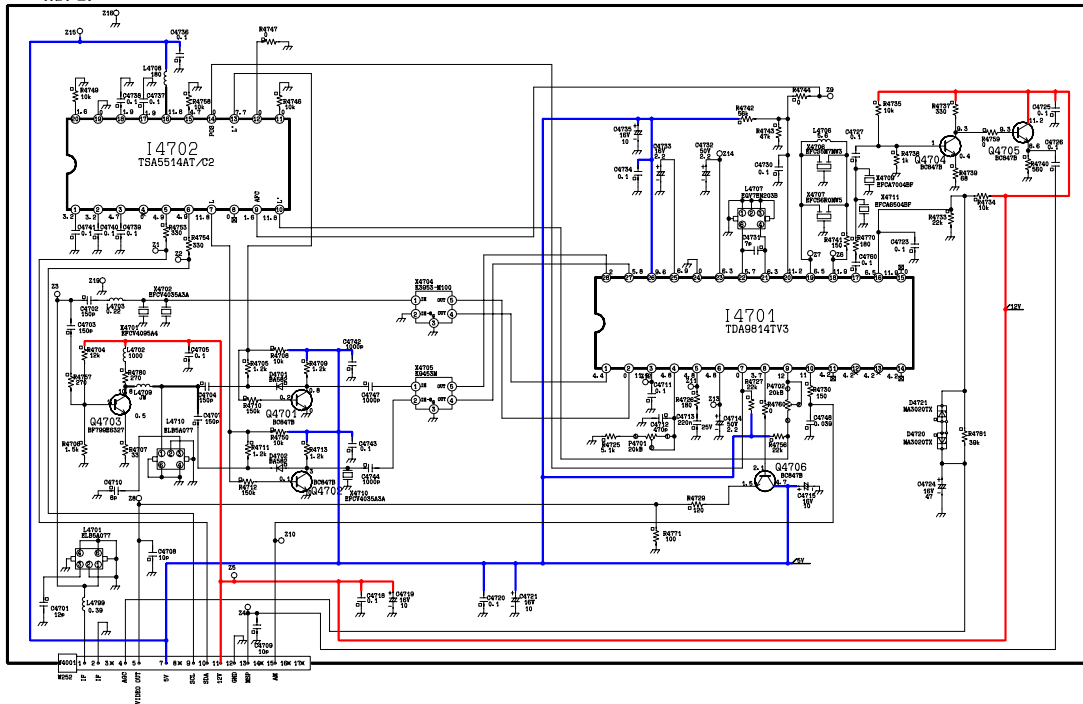
|                            |                                                          |
|----------------------------|----------------------------------------------------------|
| Casque d'écoute            | 8 Ω Impédance                                            |
| <b>Accessories fournis</b> | Télécommande<br>R6 (UM3) Piles x 2                       |
| <b>Dimensions :</b>        | Hauteur : 562mm<br>Largeur : 771mm<br>Profondeur : 482mm |

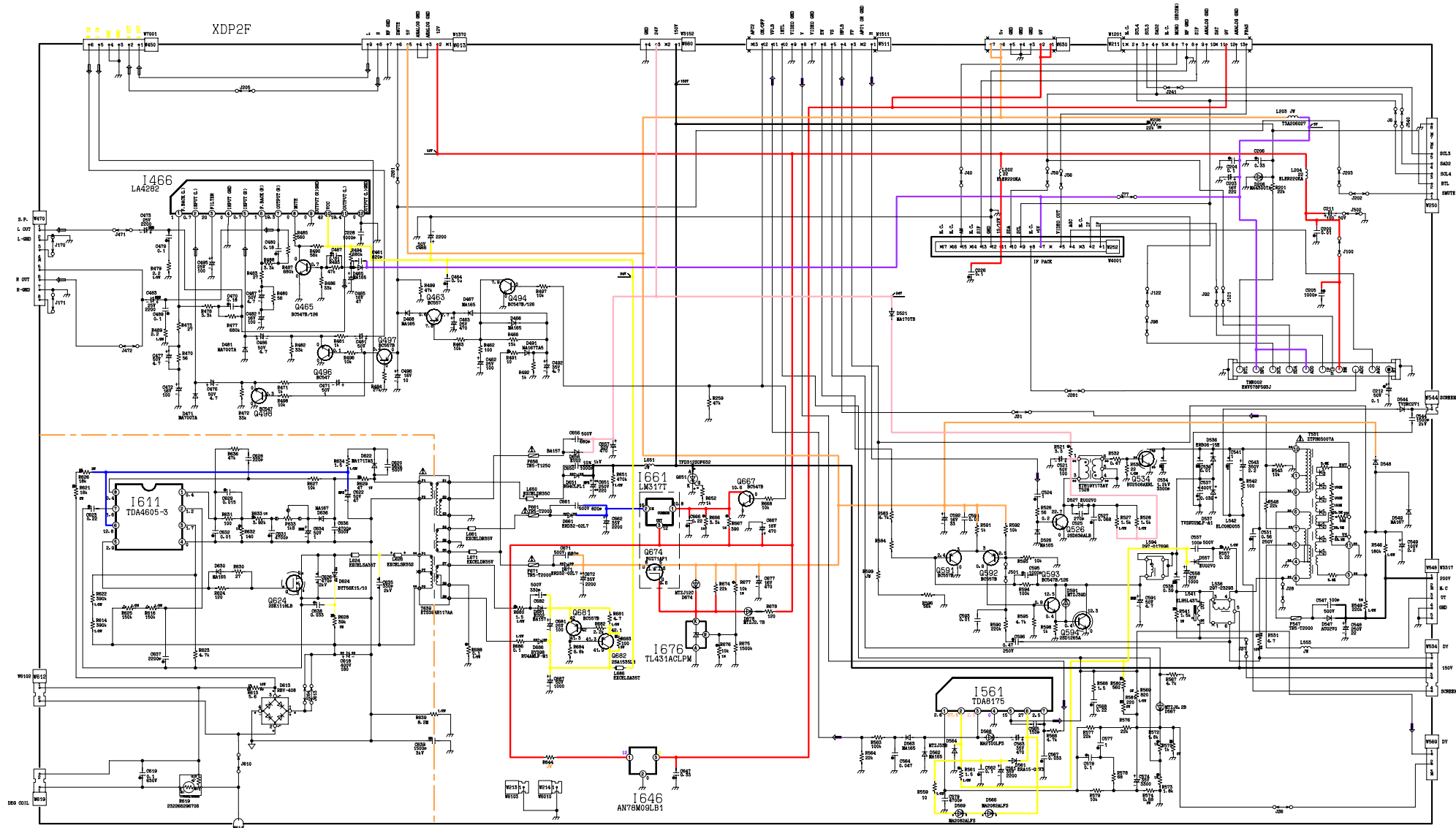
## Poids (NET) :

34kg  
Les caractéristiques techniques sont susceptibles de modification sans Préavis.  
Le poids et les dimensions indiqués sont approximatifs.

**Panasonic**







XDP2F

