

General Information

Chassis: TX92
CRT: 25" & 28" 110°
Covers Models:
Goodmans 2580B
Goodmans 2880B

Matrix

ItemSee Model

Safety NotesFerguson ICC9 Chassis

Service Adjustments

Service Mode

It is necessary to enter the service mode in order to carry out alignment of the TV set. Most adjustments can be made with the remote control unit except the Ussystem, Focus and Screen voltages.

Service Mode Access




- With the RCU, switch the TV set into the 'standby' mode.
- Switch off the TV set by mains supply switch (wait until LED is dark).
- Whilst depressing the RCU 'Blue (VT)' button, switch On the TV set using the mains supply switch.
- Release and press once again the 'Blue (VT)' button, the following 'set-up' menu should be displayed:

Set-upVideoGeom.
TX92 WS11Configuration

Important: The service mode cannot be entered if any equipment is connected to the Scart socket, i.e. pin 8 switching voltage present.

Function or Page Selection (GEOM.)

- With the RCU volume "+" and "-" buttons, highlight the menu containing the function to be aligned.
- Press the RCU 'Blue (VT)' button to highlight the function to be aligned, or selected the page (1 or 2).

U Sys	PP 66	Contrast, brightness and volume to minimum		125 v - Tube 33" (4/3) (A79 Ecu 13x41) 130 v - All tubes	JL 52 JL 51
U G2/ cutoff	SCREEN	AV (no Signal, black screen)		Tube Type A51 ECN AXX EAS AXX ECU A79 ECU W56 EGV W66 EDX W76 EGC	Cutoff 150V 150V 160V 160V 160V 160V 160V
FOCUS	FOCUS	Test Pattern (standard Values)			Sharp picture

Switching Between Service and TV Modes

- Whilst in the service mode, normal TV controls are disabled. To enable these controls whilst in the service mode (i.e. for channel changing etc.), press the TV button on the RCU. To return to the service mode, press the 'Blue (VT)' button on the RCU.

Alignment and Storing New Function Value

- The current value of the selected function is displayed in a hexadecimal form to the right of the function name. This value is adjusted by means of the RCU volume "+" and "-" buttons.
- To store the functions new value, highlight MEMO and press the RCU "+" button.
- To restore the functions original value, highlight R-STO(RE) and press the RCU "+" button.
- Selection of the ROM functions downloads the production software default values. These are not very accurate and should only be used in very special cases. Whilst in the service mode, a long press (more than 3 seconds) of the RCU "0" button, will re-set the TV to the factory default conditions.

Leaving the Service Mode

- To leave the service mode either, switch the TV set into Standby or switch Off the mains supply.

TV mono: SET-UP

Software code and configuration			
BRAND	1	2	3
NORM	1	B	BD
- R-STO	+ MEMO		O ROM

TV stereo: SET-UP

Software code and configuration			
BRAND	1	2	3
NORM	1	B	BD
DEC	PR4	On	Off

VIDEO

R - DC	00 - 3F	24
G - DC	00 - 3F	12
R - DRV	00 - 3F	1F
G - DRV	00 - 3F	1E
B - DRV	00 - 3F	1C
PEAK	(-/+)	
+ MEMO		
+ R - STORE	- ROM	

GEOM

V - POS	00 - 1F	0F
V - AMP	00 - 7F	3F
V - LIN	00 - 0F	07
H - PHA	00 - 3F	1F
H - AMP	00 - 3F	20

GEOM

EW - TILT	00 - 1F	10
EW - AMP	00 - 7F	3F
EW - SHP	00 - 0F	07
STORE	(+)	
RESTORE	(+)	
ROM	(+)	

SET-UP

BRAND

Brand Selection

- Telefunken
- Saba/ Ferguson
- Thomson/ Nordmende

None: no brand selected

NORM







Standards

B = BG PAL SECAM (sound FM 5.5MHz)
I = I PAL (UK/IRELAND) (Sound FM 6MHz)
L = L SECAM (France) (Sound AM 6.5MHz)
D = DKK SECAM (Sound AM 6.5MHz)
M = NTSC M (Sound FM 4.5MHz)

DEC PR4 (TX92 stereo)

NICAM from Canal + decoder
On : Enable
Off : Disable
The special sound path handling for Canal + on PRO4

VIDEO

R - DC *		grau, grey
G - DC *		grau, grey
R - DRV		weiß, white
G - DRV		weiß, white
B - DRV		weiß, white
PEAK		

CRT Pin 6, 7, 8 Oscillo or colorimeter

☀ + ☉ = 50%
☉ = 100%

Display mode: 4/3

Overscan:

















V = 107%
H = 107%

Display mode: 4/3

Overscan:

V = 107%
H = 75%

GEOM

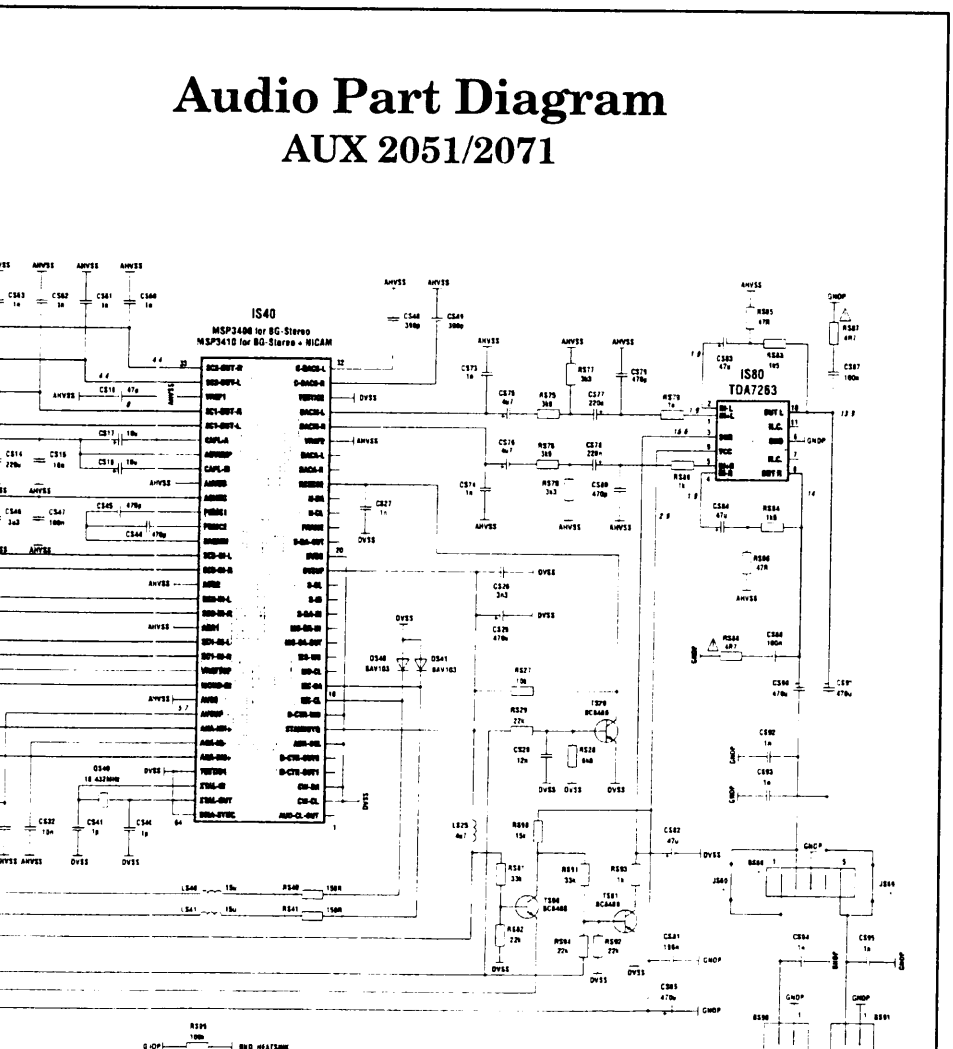
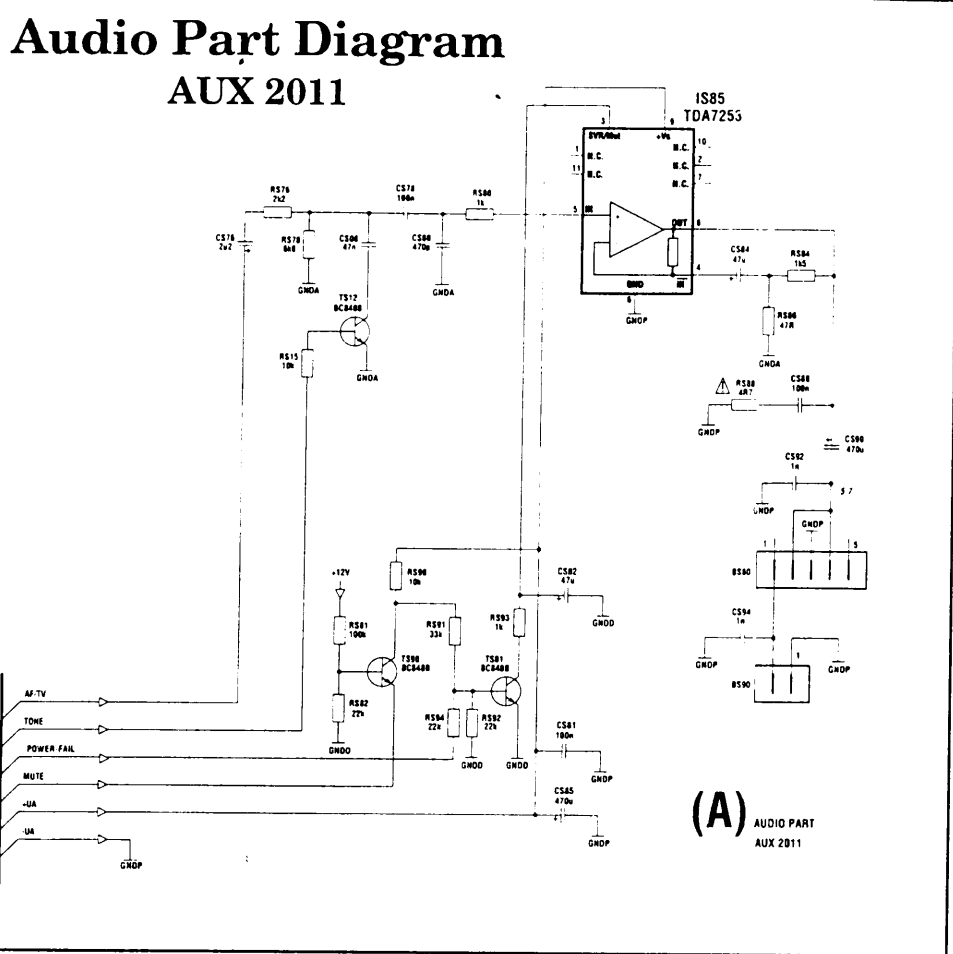
V - POS		
V - AMP		
V - LIN		
H - PHA		
H - AMP		
EW - TILT		
EW - AMP		
EW - SHP		

TV Configuration

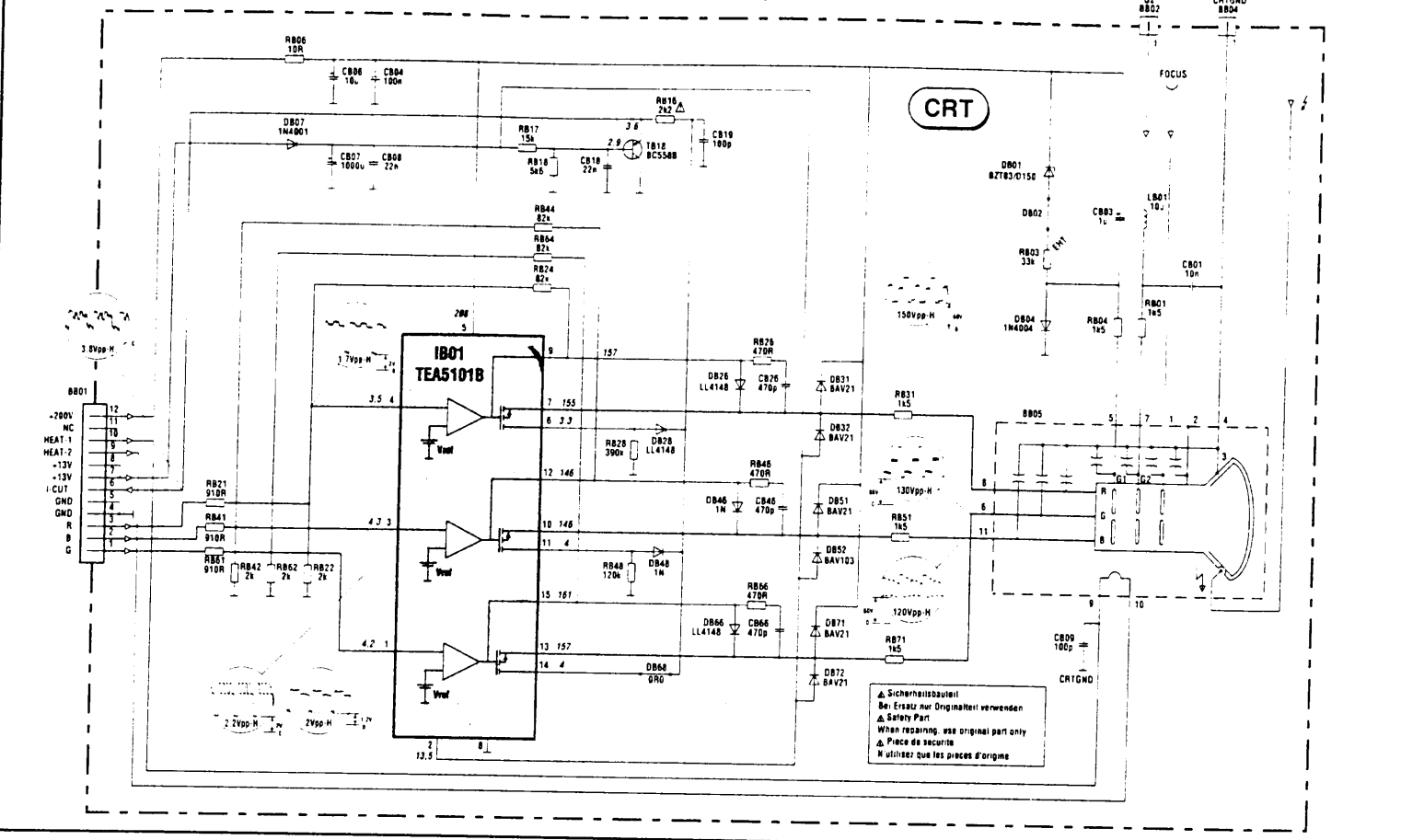
T	Text module
S	Stereo module

Software code:

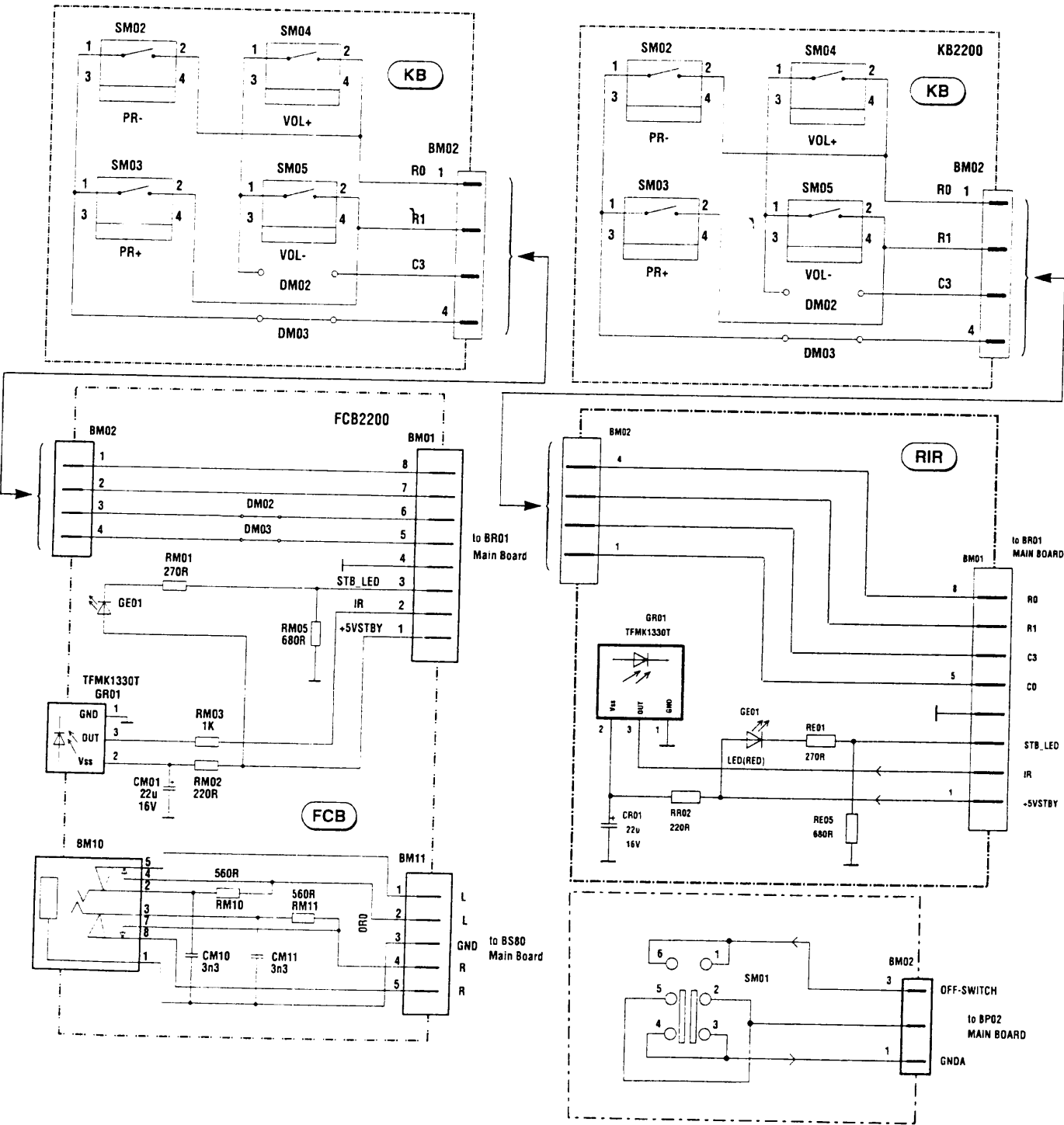
Software Release Code	Description
TX92NS11	TX92 Stereo (4/3) Software rel 11
TX92WS11	TX 92 Stereo (16/9) Software rel 11
TX92NM11	TX92 Mono (4/3) Software rel 11



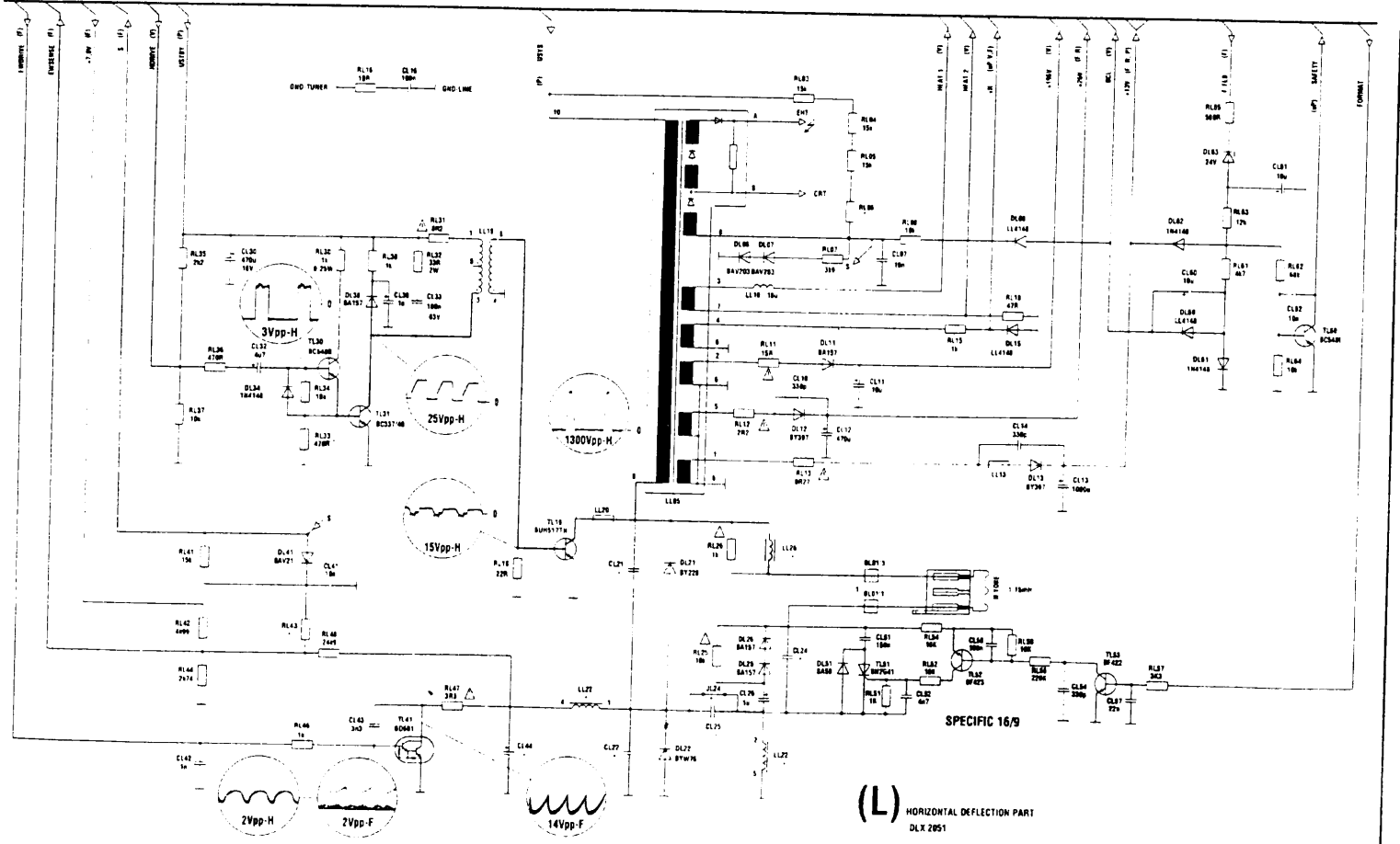
CRT Diagram



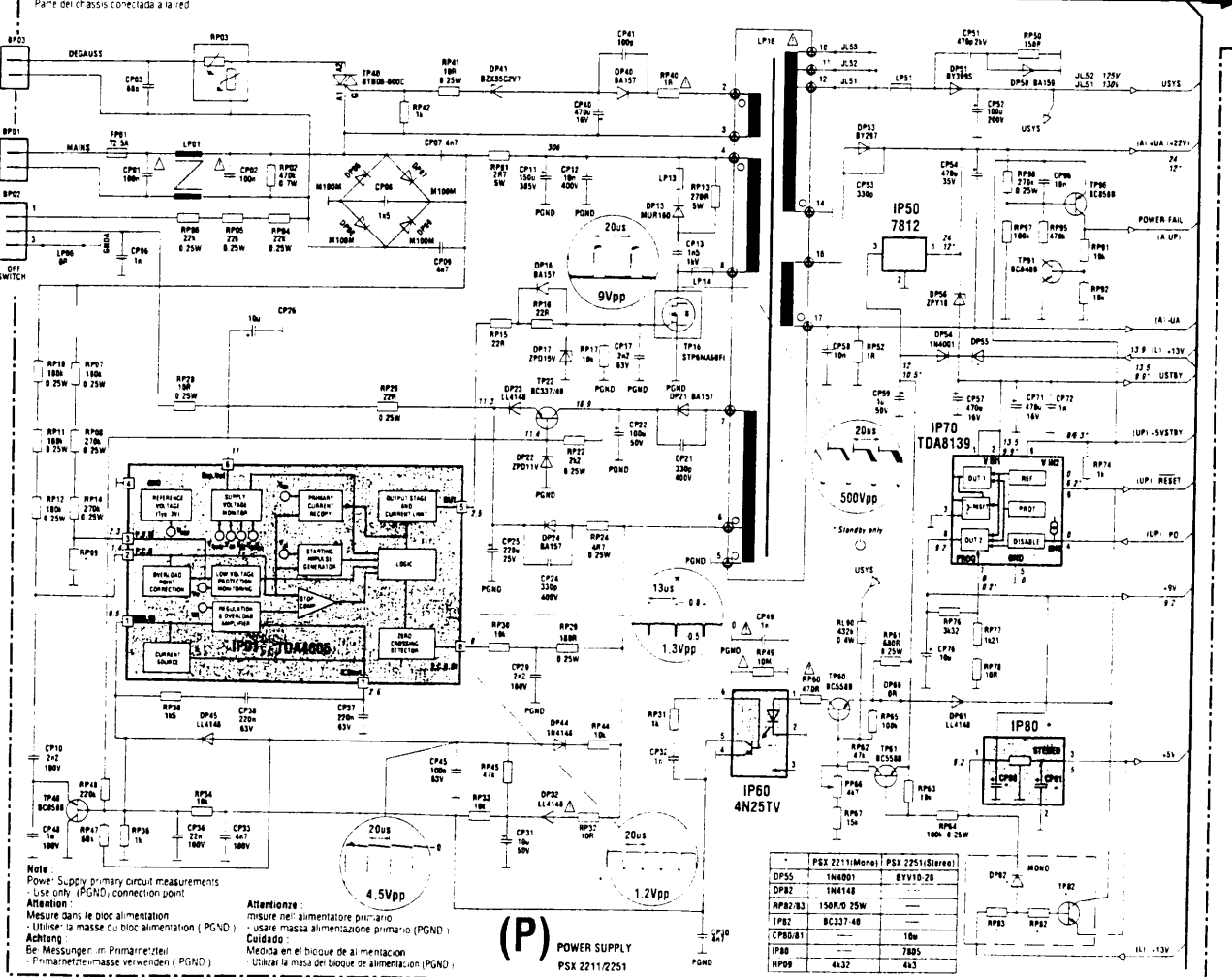
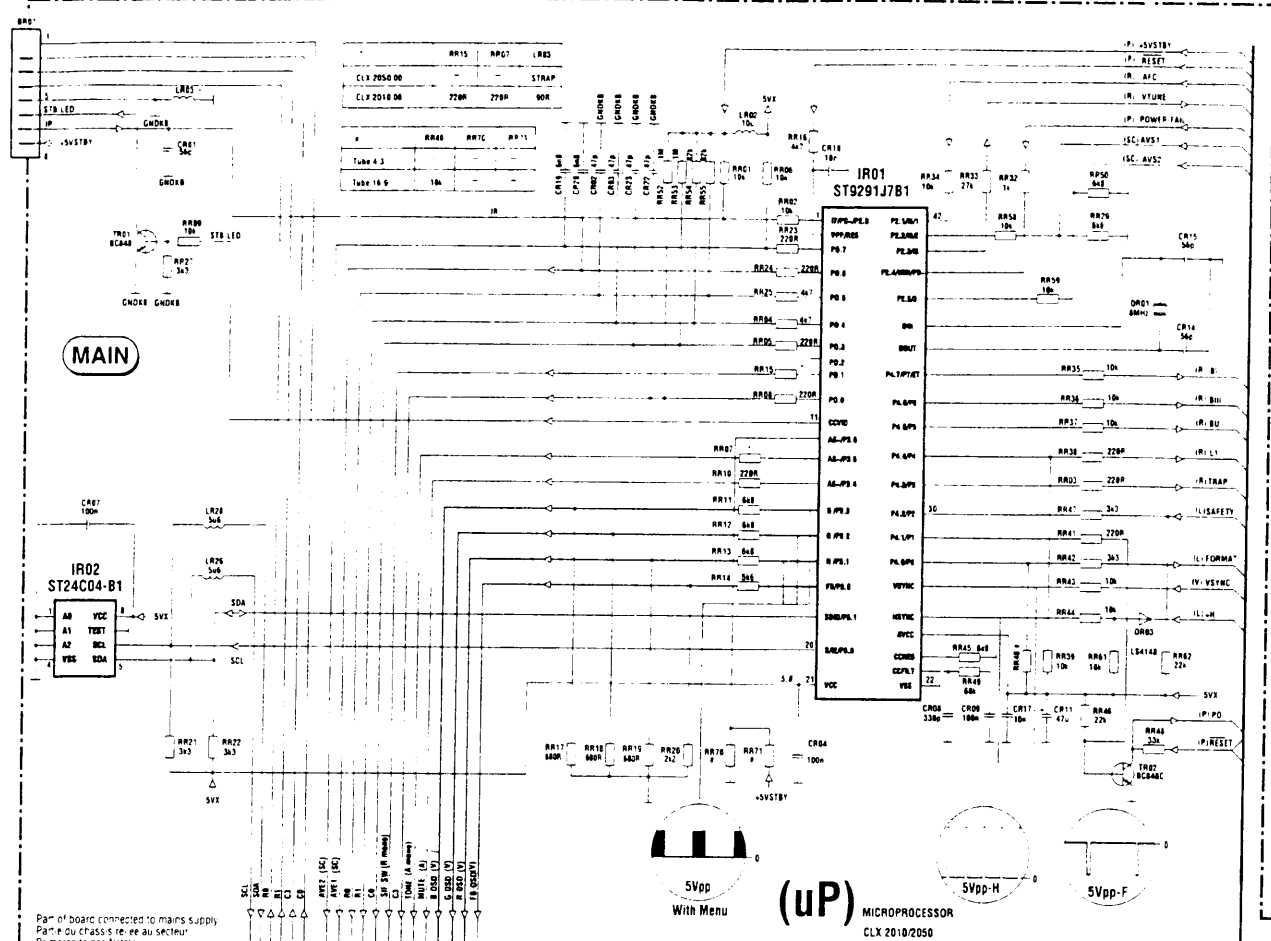
Front Connection Diagram



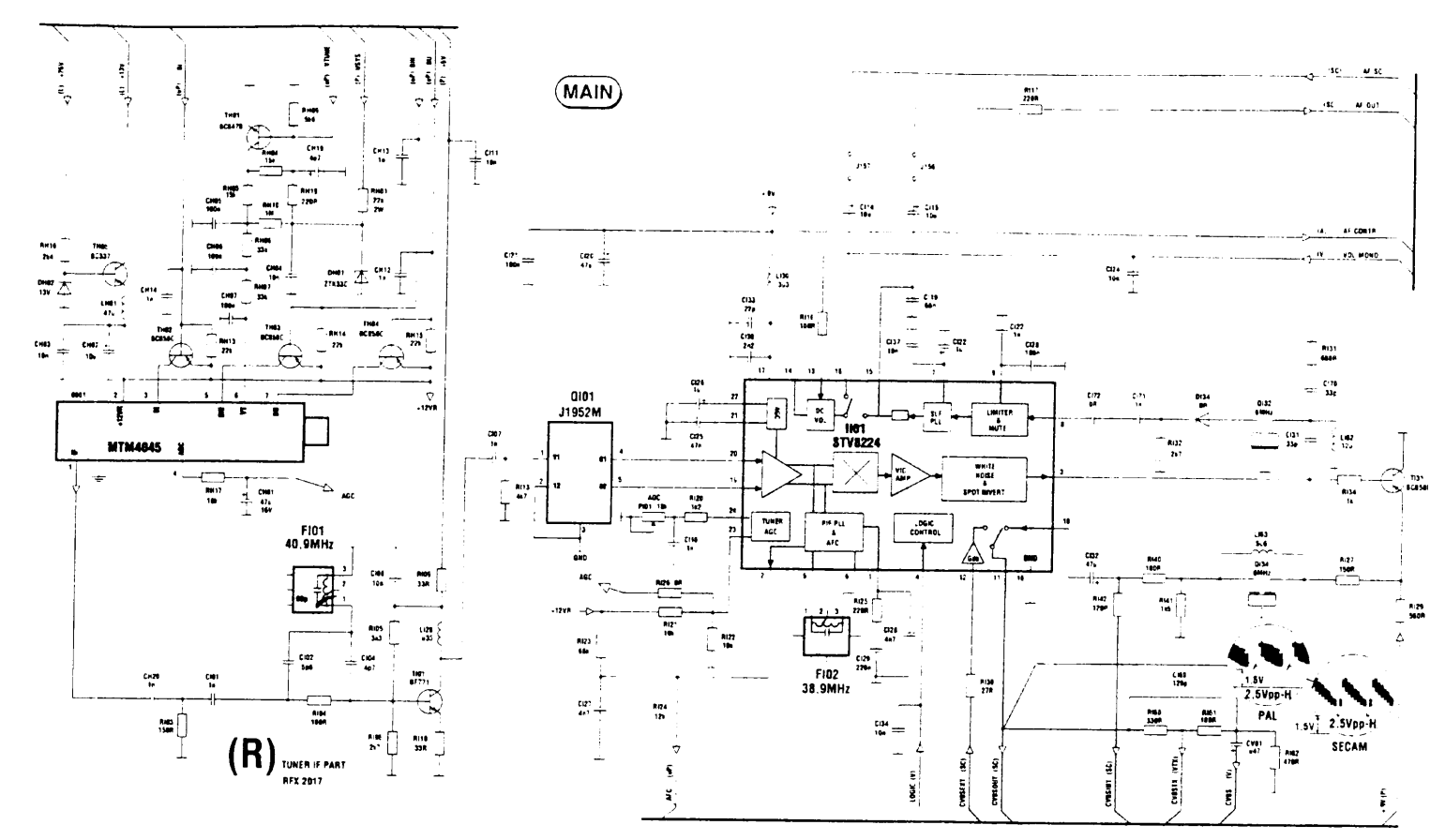
Horizontal Deflection Diagram



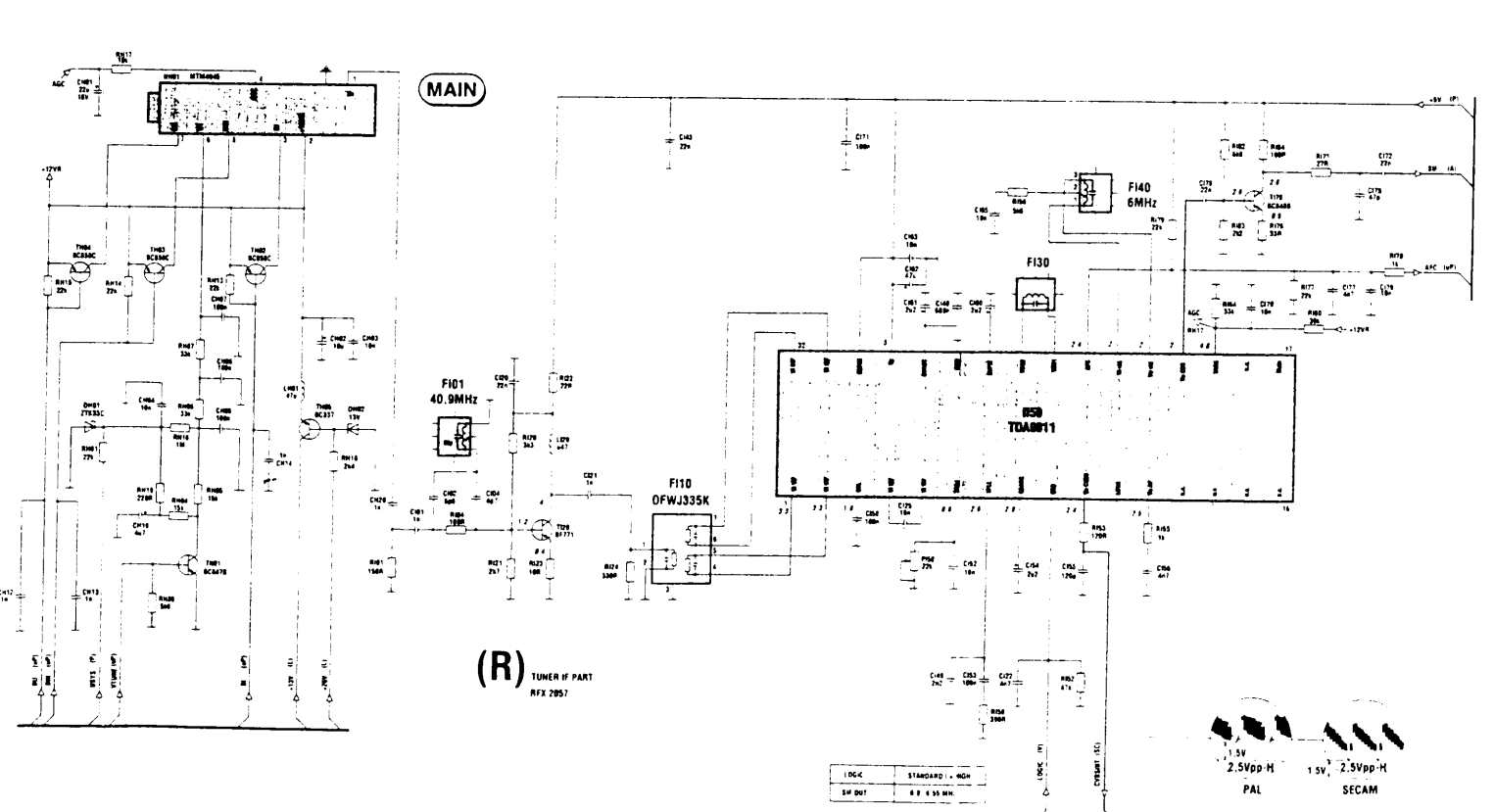
Microprocessor & Power Supply Diagram



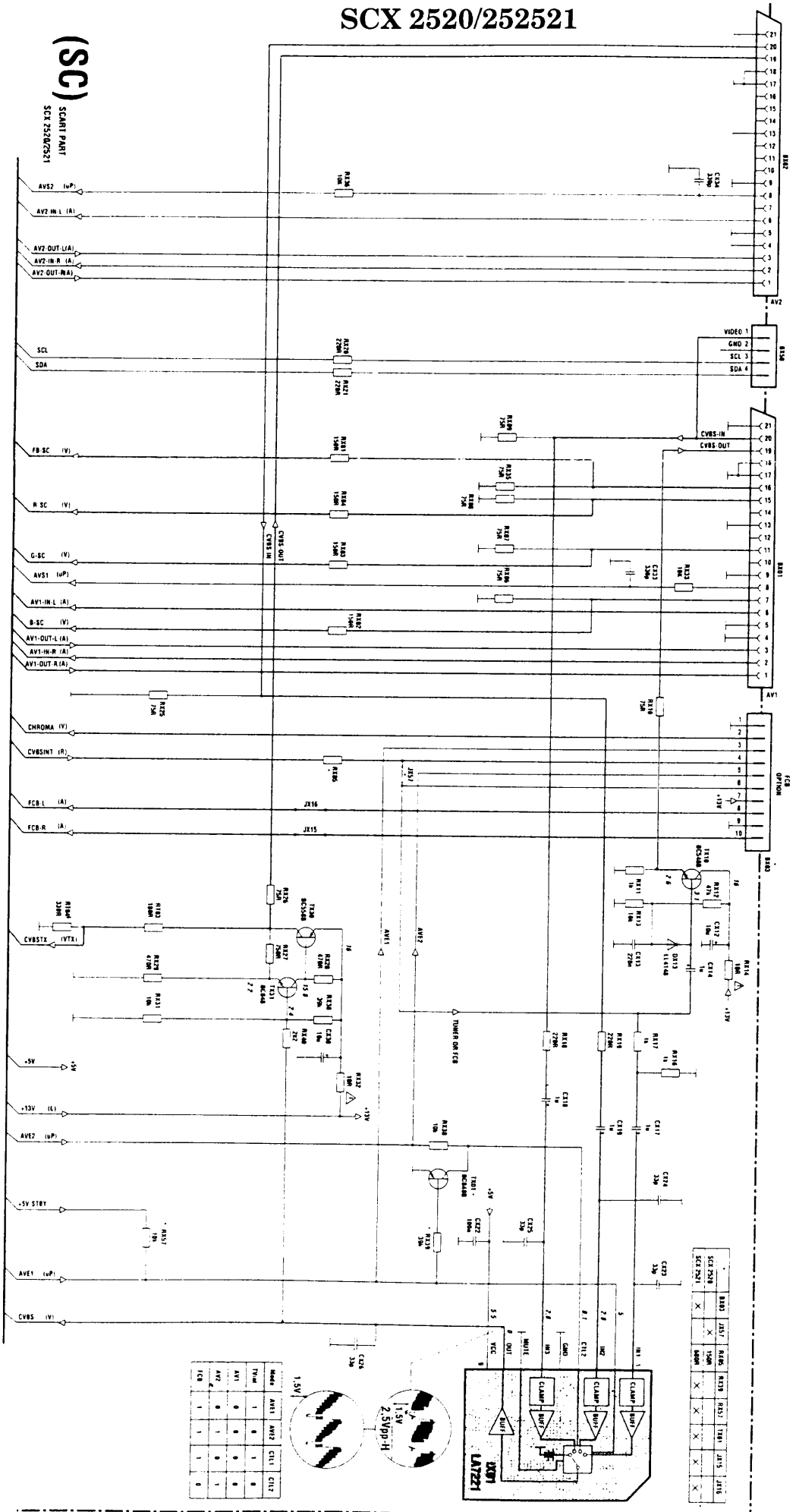
Tuner IF Diagram
RFX 2017



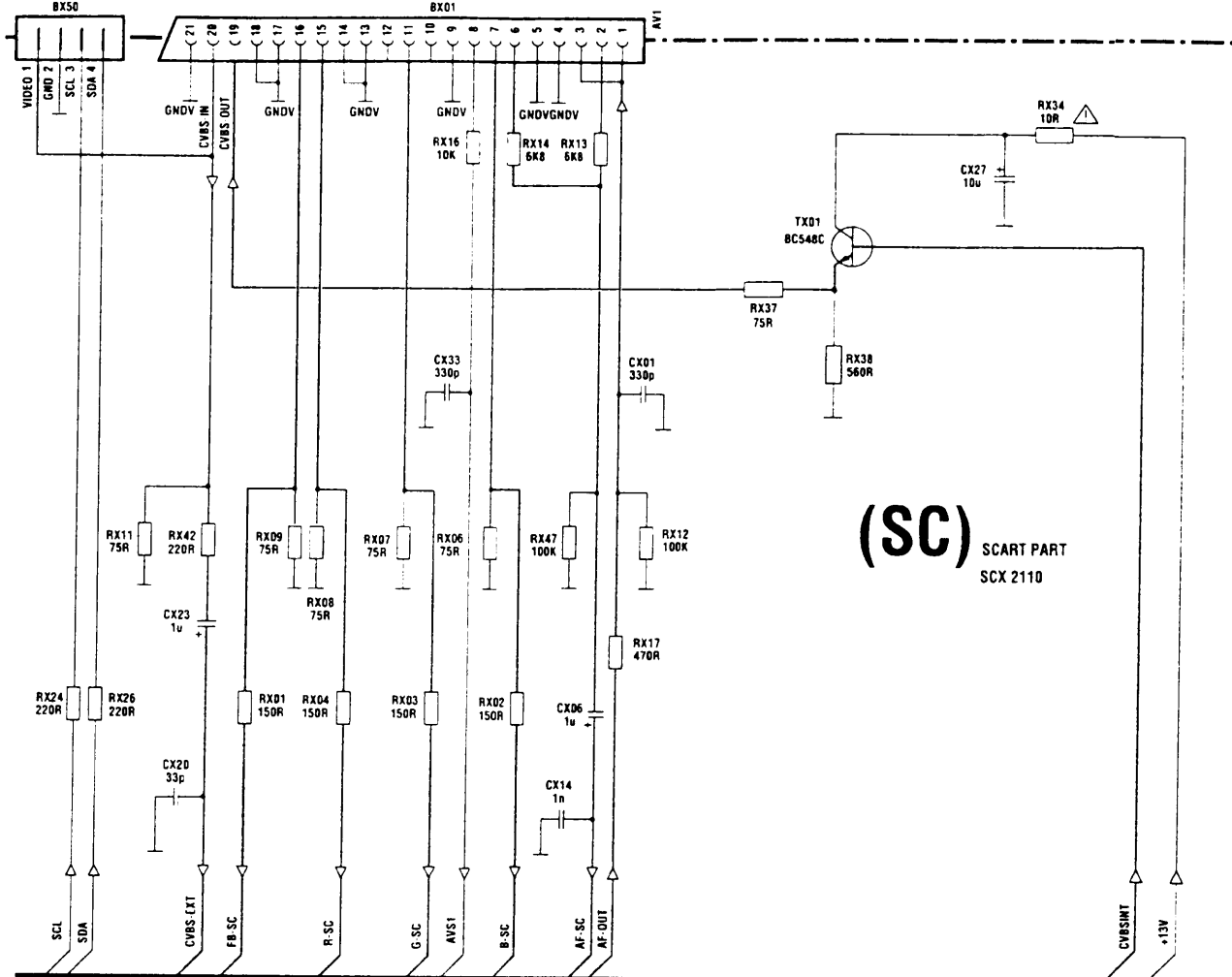
Tuner IF Diagram
RFX 2057



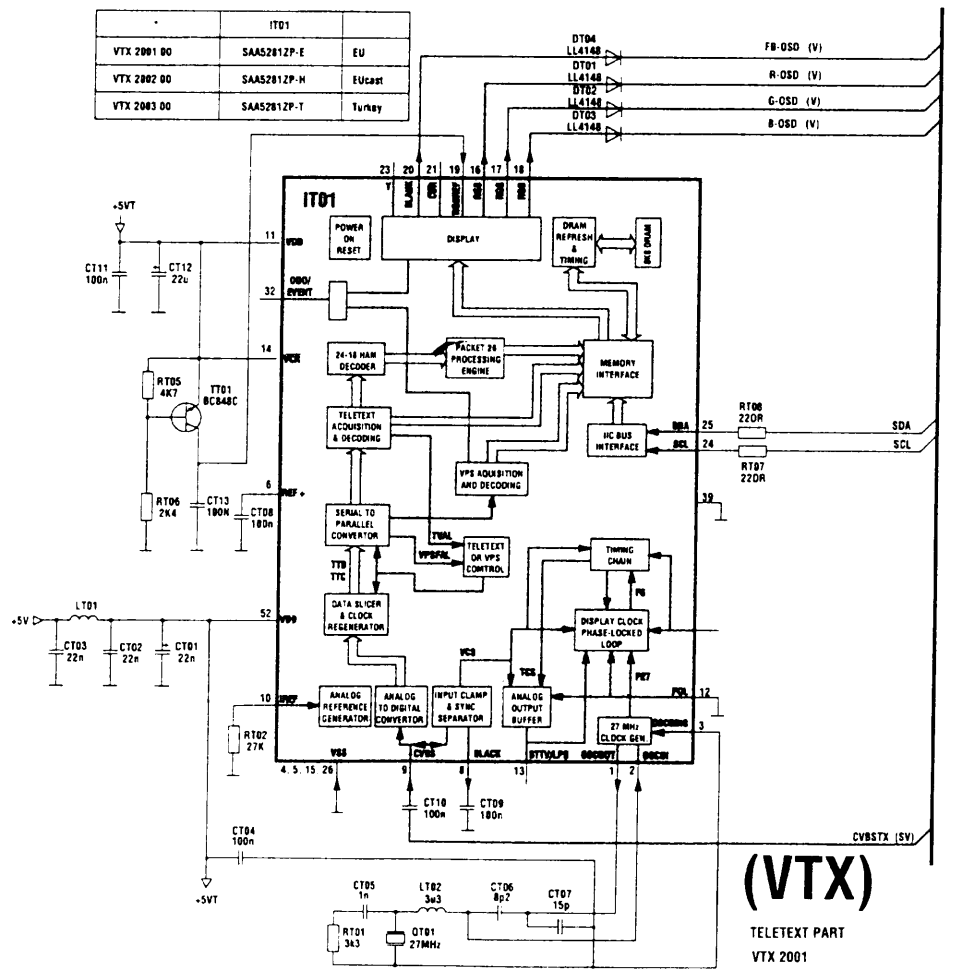
Scart Diagram
SCX 2520/252521



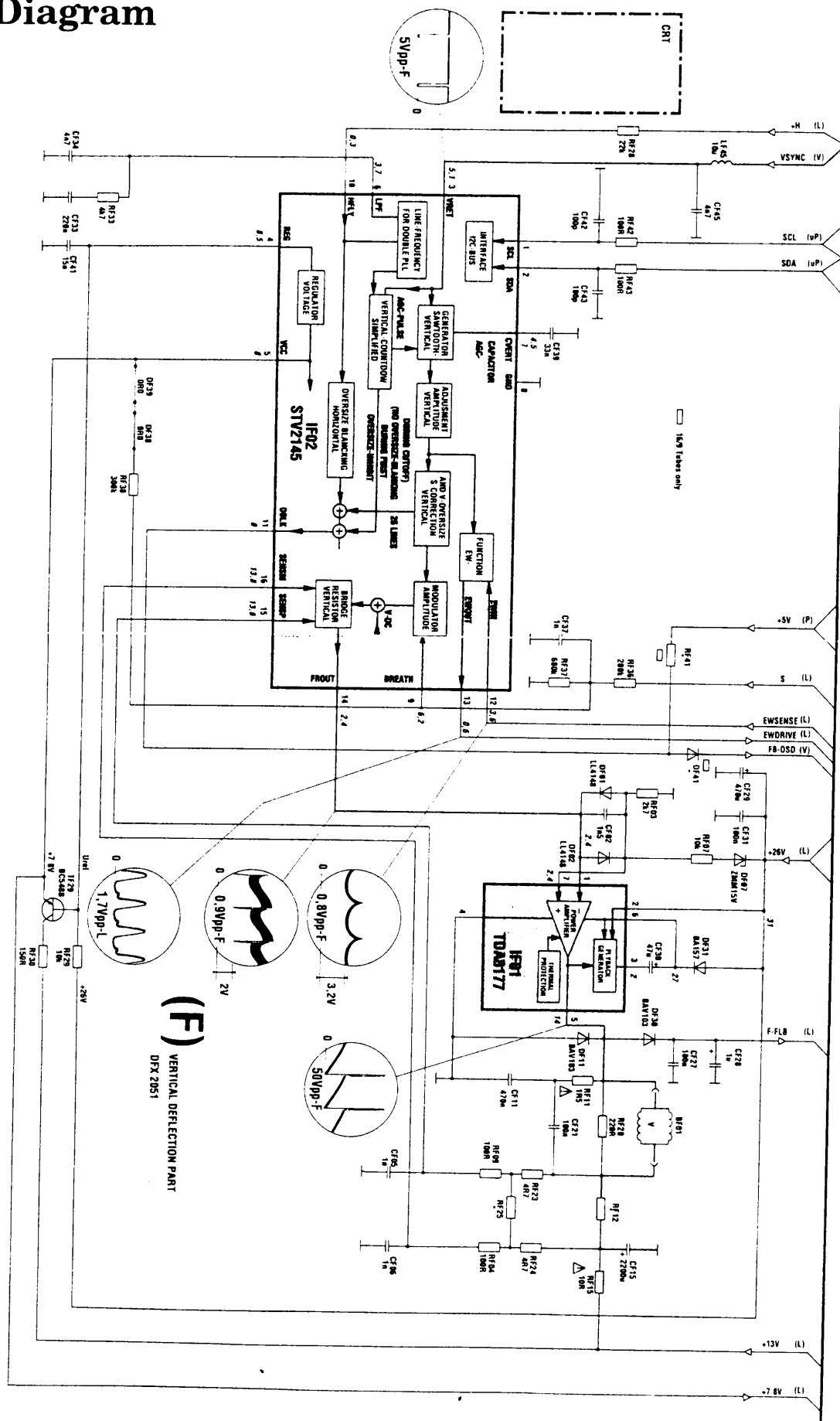
Scart
Diagram
SCX 2110



Text
Diagram



Vertical Deflection Diagram



Video Chroma Diagram

