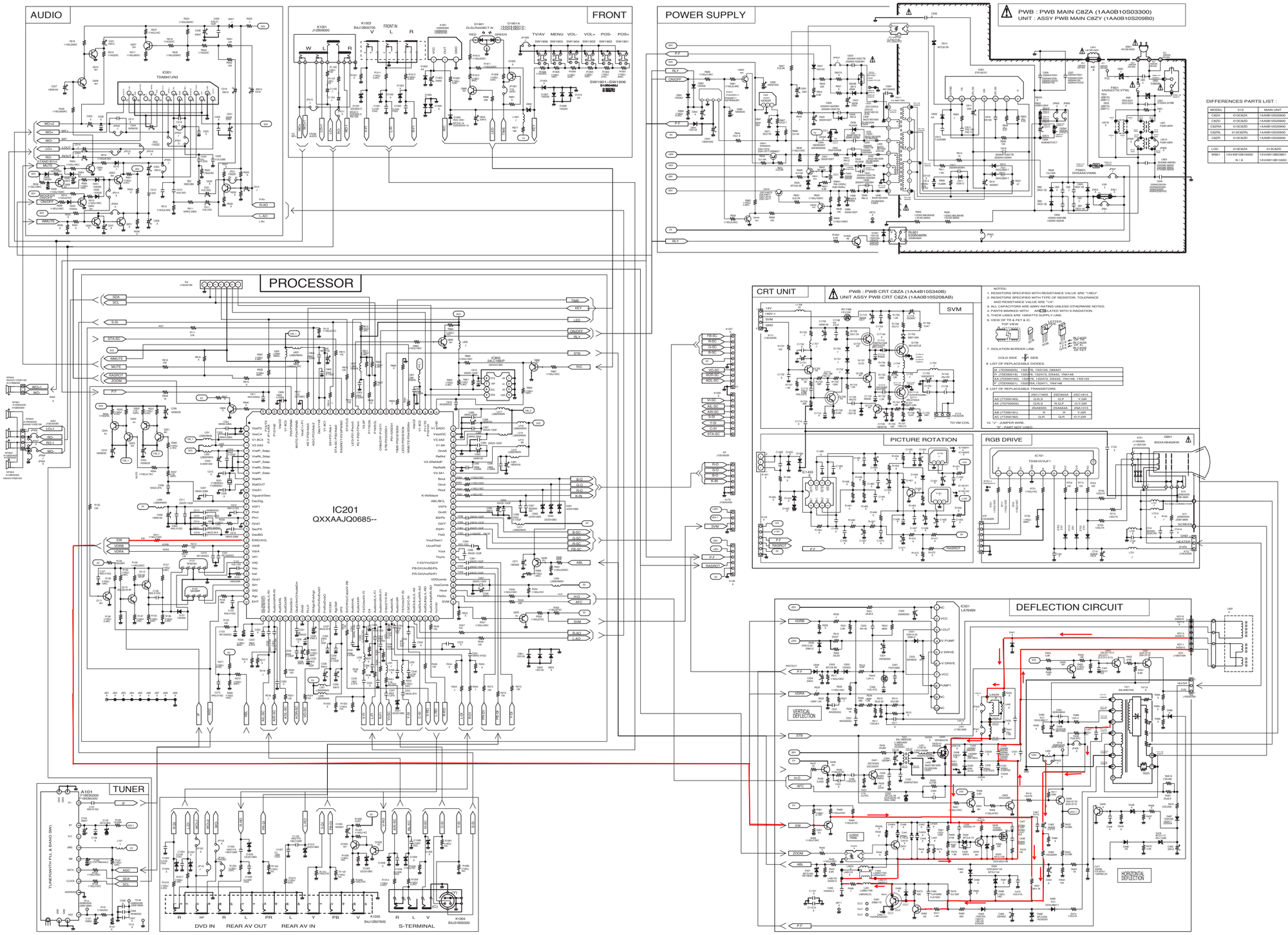


DIFFERENCES PARTS LIST :

MODEL	013	MAIN UNIT	CRT UNIT
C8ZA	013C8ZA	1AA0B10S209B0	1AA0B10S208AB
C8ZD	013C8ZD	1AA0B10S209B0	1AA0B10S208AB
C8ZRA	013C8ZD	1AA0B10S209B0	1AA0B10S208AB
C8ZRL	013C8ZRL	1AA0B10S209B0	1AA0B10S208AB
C8ZR	013C8ZD	1AA0B10S209B0	1AA0B10S208AB
LOC	013C8ZA	013C8ZD	013C8ZRL
W901	1AV4W10B16000	1AV4W10B03901	1AV4W10B16300
	N / A	1AV4W10B15000	N / A

NOTES:
1. RESISTORS SPECIFIED WITH RESISTANCE VALUE ARE "1/8DJ".
2. RESISTORS SPECIFIED WITH TYPE OF RESISTOR, TOLERANCE AND RESISTANCE VALUE ARE "1/4".
3. ALL CAPACITORS ARE 50WV RATING UNLESS OTHERWISE NOTED.
4. PARTS MARKED WITH ⚠ AND ⚠ LATED WITH X-RADIATION.
5. THICK LINES ARE 15WATTS SUPPLY LINE.
6. VIEW OF TR & FET & IC.
TOP VIEW
LETTER
TO-VM COIL
7. ISOLATION BORDER LINE.
COLD SIDE
HOT SIDE
8. LIST OF REPLACEABLE DIODES.

M (7D000025)	1S2076, 1S2133, GMA01		
R (7D000019)	1S2076, 1S2473, DS442, 1N4148		
AA (7D000192)	1S2076, 1S2473, DS442, 1N4148, 1SS133		
P (7D000021)	1S2076A, 1S2471, 1N4148		

9. LIST OF REPLACEABLE TRANSISTORS.

	2SC1740S	2SC945A	2SC1815
AD (7T200183)	Q,R,S	Q,P	Y,GR
AE (7D700202)	Q,R,S	R,Q,P	Q,Y,GR
	2SA933S	2SA564A	2SA1015
AB (7T200181)	R	R	Y,GR
AC (7T200182)	Q,R	Q,R	Q,Y,GR

10. "J" JUMPER WIRE.
"X" PART NOT USED.

THE SERVICE PRECAUTION:
The area enclosed by this line(⅃⅃⅃) is directly connected with AC mains voltage. When servicing the area, connect an isolating transformer between TV receiver and AC line to eliminate hazard of electric shock.

PRODUCT SAFETY NOTICE:
Product safety should be considered when a component replacement is made in any area of a receiver.
Components indicated by a mark ⚠ in this circuit diagram show components whose values have special significance to product safety. It is particularly recommended that only parts specified on the part service manual be used for components replacement pointed out by the mark.

CIRCUIT DIAGRAM NOTICE:
1. All resistance value are in ohms, K=1,000, M=1,000,000.
2. All resistance rated wattages are 1/6W unless otherwise noted.
3. Excepting electrolytic capacitors, all capacitance values of less than 1 are expressed in μ F and more than 1 are pF.
4. All capacitance rated voltages are 50V unless otherwise noted.
5. All inductance values are in μ H.
6. Voltage readings take with a "VTVM" are from point indicated chassis ground. Voltage readings taken by using PAL colour bar signal are with all controls at normal position. Some voltage may vary with signal strength.
7. Waveform were taken with PAL colour bar and controls adjusted for normal picture. Waveforms were taken by using a wide band oscilloscope and a low capacity probe.
8. This circuit diagram covers a basic or representative chassis only. There may be some components or partial circuit differences between the actual chassis and the circuit diagram.
9. Parts specified with "X" are not installed in this model.
10. Parts specified with "J" are just jumper wires.
11. Expression of capacitance and resistance in circuit diagrme.

Capacitance (Example)
1000 C M 2000 D
- Characteristic
- Capacitance value (220pF)
- Allowable error (±20%)
- Kind (Ceramic)
- Rated voltage (1,000V)

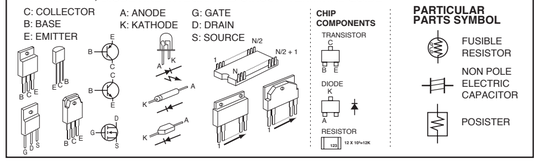
J= ± 5%
K= ±10%
M= ±20%

T, A, U, D: Electrolytic
C, K, B: Ceramic
F: Mylar film
M, N: Polypropylene
Z: Metalized paper

Resistance (Example)
1/2 N J 1.2
- Resistance value (1.2Ω)
- Allowable error (±5%)
- Kind (M.carbon)
- Rated wattage (1/2W)

D: Carbon
N: Metalized carbon
S: Oxied metalized
W: Wire wounding
C: Solid

TRANSISTOR, DIODE AND INTEGRATED CIRCUIT TERMINAL GUIDE



SANYO

COLOUR TELEVISION

FB1-B

CHASSIS SERIES

SERVICE CP29FS2-00
REF. NO. CP29FS2-59

C8ZY/C8ZZ