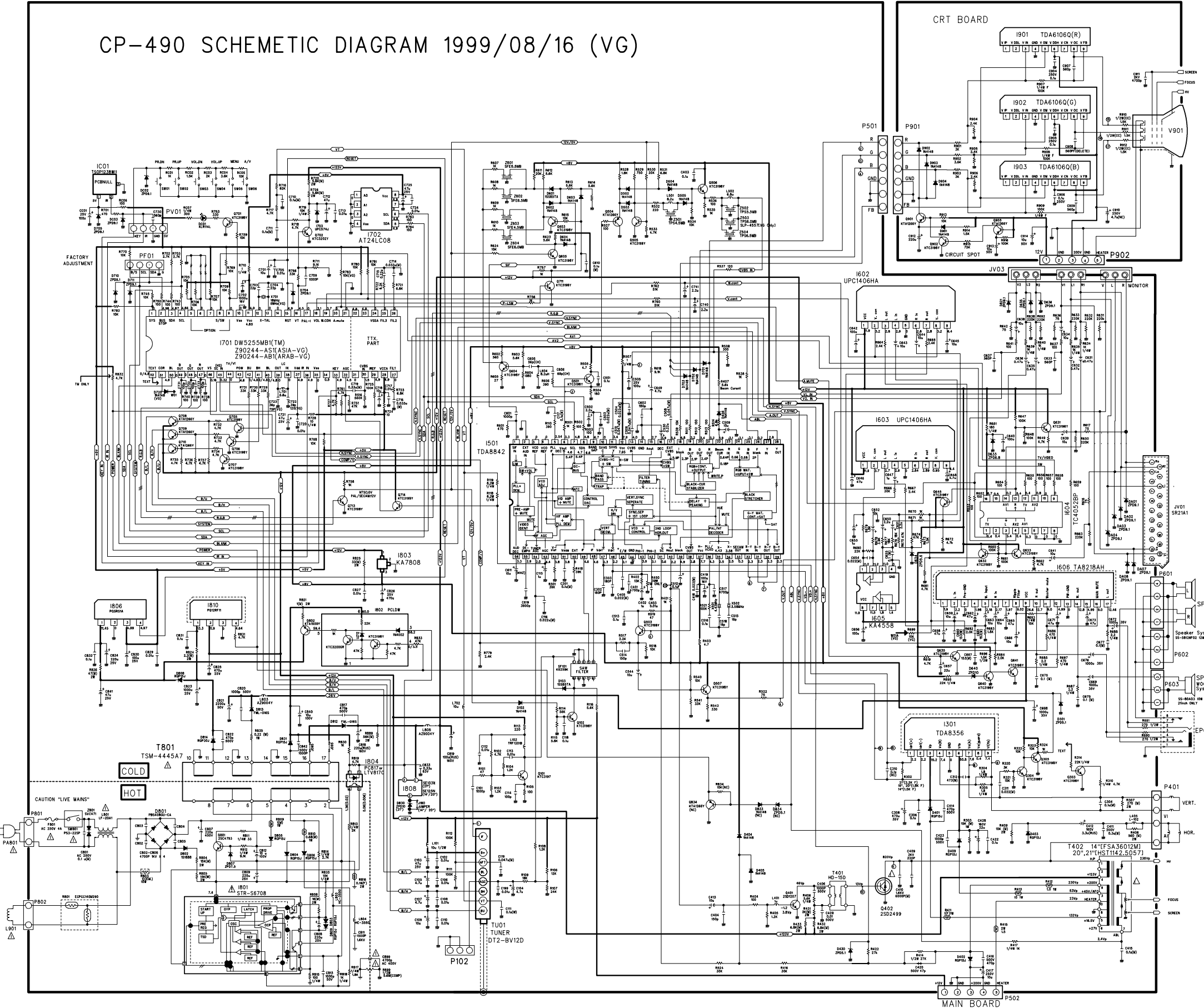


■ Circuit Schematics

CP-490 SCHEMATIC DIAGRAM

CP-490 SCHEMATIC DIAGRAM 1999/08/16 (VG)



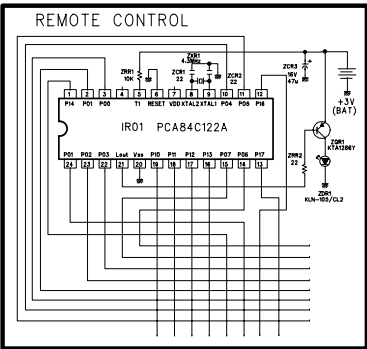
NOTE:
1. RESISTANCE IS SHOWN IN OHM. K=1000, M=1000000
2. UNLESS OTHERWISE NOTED IN SCHEMATIC ALL CAPACITOR VALUES ARE EXPRESSED IN UF
3. VOLTAGES READ WITH "VTV" FROM POINT INDICATED TO CHASSIS GROUND
USING A COLOR BAR SIGNAL WITH ALL CONTROLS AT NORMAL LINE 230V AC
VOLTAGE READINGS SHOWN ARE NORMAL VALUES AND MAY VARY +20% EXCEPT H.V

WARNING:
CAUTION TO SERVICE TECHNICIANS:
4. THIS CIRCUIT DIAGRAM IS A STANDARD ONE CIRCUIT PRINTED MAY BE SUBJECT TO CHANGE FOR PRODUCT IMPROVEMENT WITHOUT PRIOR NOTICE BEFORE SERVING THE CHASSIS, READ "X-RAY RADIATION" SAFETY PRECAUTION, AND "PRODUCT SAFETY NOTICE" IN SERVICE MANUAL. RESISTANCE MEASUREMENTS SHOULD BE PERFORMED TO DETERMINE THAT BEFORE RETURNING THE RECEIVER TO CUSTOMER, LEAKAGE CURRENT OR EXPOSED PARTS ARE PROPERLY INSULATED FROM THE SUPPLY CIRCUIT.

RESISTOR		CAPACITOR	
CARBON FILM	±5%	ELECTRO	±10%
CARBON COMP	±5%	CERAMIC	±5%
FILM	±5%	CERAMIC CH	±5%
CEMENT	±5%	ELECTRO NONPOLAR	±5%
		MILAR	±5%

COIL	
PEAKING	±5%
CHIME	±5%
BEAD	±5%

TV/VIDEO	
L	L
H	H
SW	SW



* INCH DIFFERENCE PARTS LIST			
NO.	LOC.	14 INCH (16 INCH)	21 INCH (PHILIPS CRT)
1	V901	54JLL90X (38JLL90X)	54JLL90X (38JLL90X)
2	Z131	DC-1450(DC-1650)	DC-2050
3	Z132	140H-1015-1P (160H-1015-1P)	210H-1015-1P
4	C410	1.6K 6900pF (1.6K 8200pF)	1.6K 6000pF (1.6K 7500pF)
5	C411	200V 0.33uF (200V 0.33uF)	200V 0.33uF (200V 0.47uF)
6	R302	1/6W 1.5K (1.8K)	1/6W 1.8K F
7	R407	1/6W 7.5K (6.8K)	1/6W 5.6K
8	R415	2W 2.0 (1.5)	2W 3.0
9	R682	1/6W 1.1K (1.0K)	1/6W 1.3K
10	R684	1/6W 1.1K (1.0K)	1/6W 1.3K
11	D830	WIRE COPPER	WIRE COPPER
12	J180	WIRE COPPER	WIRE COPPER
13	I603	WIRE COPPER	WIRE COPPER
14	I605	WIRE COPPER	WIRE COPPER
15	I808	SEI25N	SEI25N
16	P401	YF500-05	YF500-05
17	P602	YF025-03	YF025-03
18	P603	WIRE COPPER	WIRE COPPER
19	J094	WIRE COPPER	WIRE COPPER
20	J095	WIRE COPPER	WIRE COPPER
21	SP02	7.5W 8 OHM	7.5W 8 OHM
22	V01	ODY-M1401	ODY-M2002
23	L405	L-102102uH	L-102102uH
24	SC11	ISM003S	ISM003S

