

***Diagramas
Esquemáticos***

GoldStar

Monitores Coloridos

Chassis: CA-19

Modelos: CQ452B, CQ453B

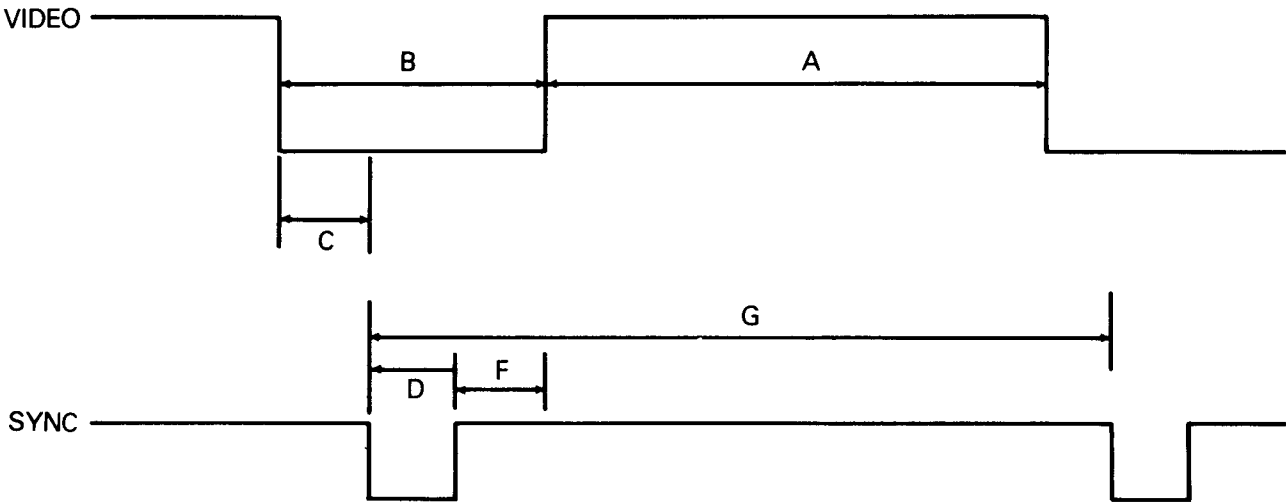
1460 SVGA, 1453 SVGA

3028 SVGA, 3039 SVGA

1460 SSI/01, CQ453B MPR-II

CQ453B 0,39

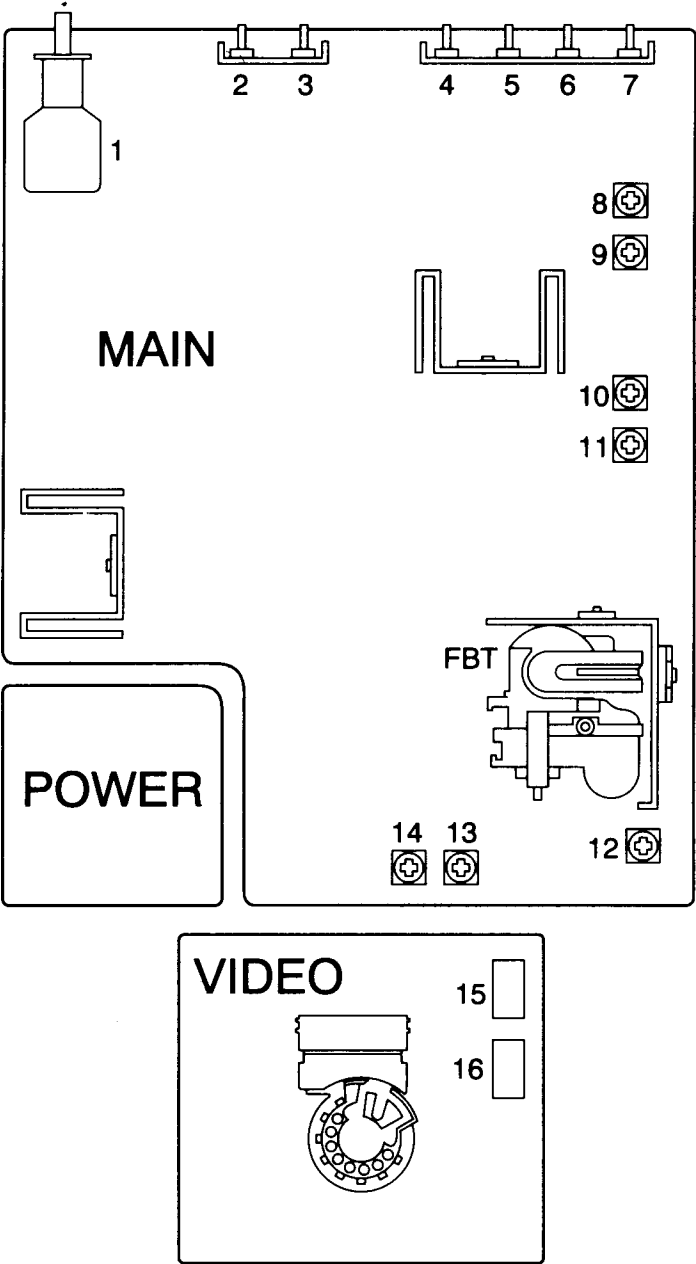
TIMING CHART



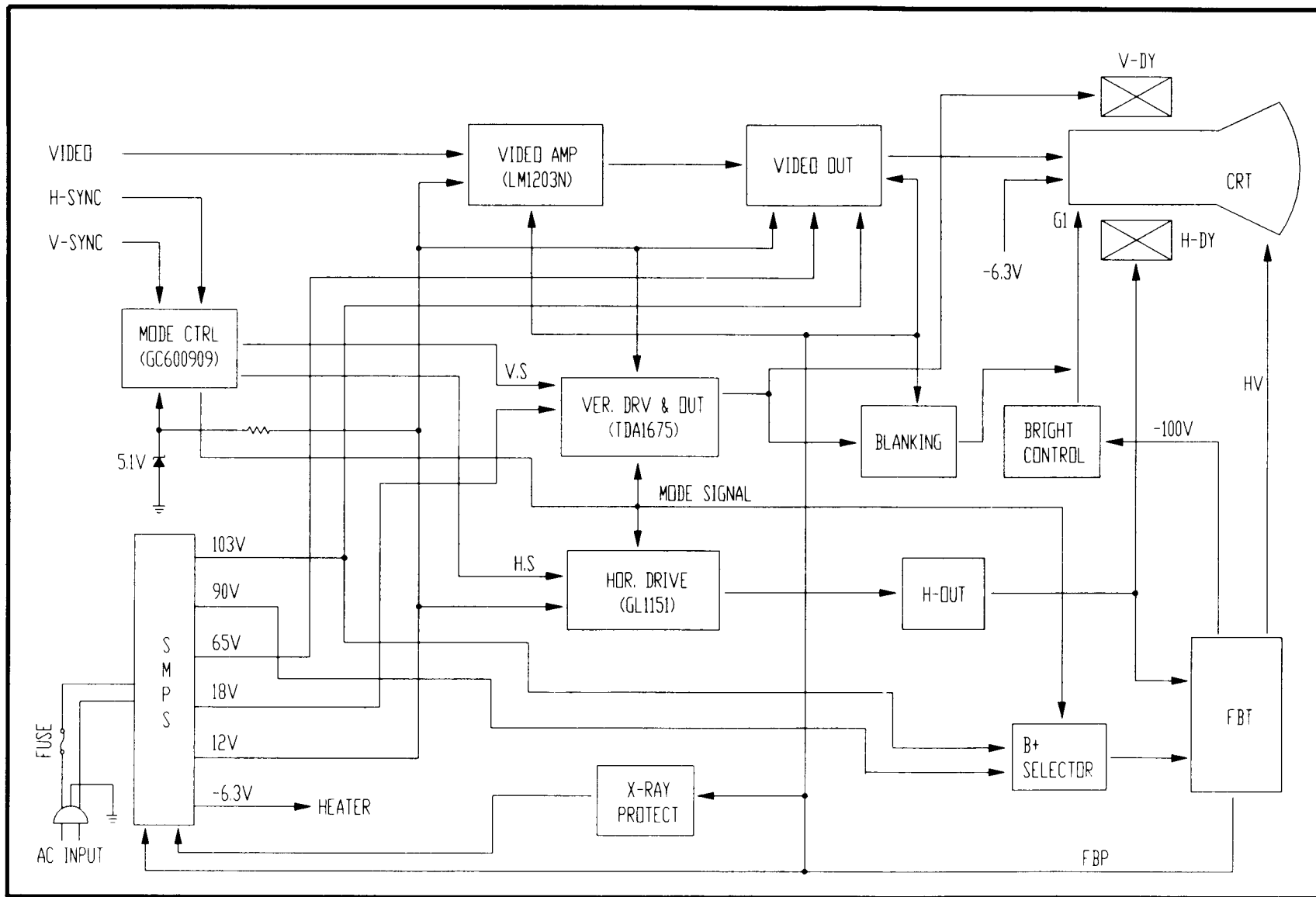
MODE		MODE 1	MODE 2	MODE 3	MODE 4	MODE 5	MARK
		VGA 1	VGA 2	VGA 3	EVGA	8514/A	
H O R I Z O N T A L	POLARITY	POSITIVE	NEGATIVE	NEGATIVE	POSITIVE	POSITIVE	
	FREQUENCY	31.47 KHz			35.16KHz	35.52KHz	
	TOTAL PERIOD	31.78 uS			28.44uS	28.15uS	G
	DISPLAY	25.43 uS			22.22uS	22.81uS	A
	BLANKING TIME	6.36 uS			6.16uS	5.35uS	B
	FRONT PORCH	0.64 uS			0.6uS	0.18uS	C
	SYNC WIDTH	3.81 uS			2.00uS	3.92uS	D
	BACK PORCH	1.91 uS			3.56uS	1.25uS	F
V E R T I C A L	POLARITY	NEGATIVE	POSITIVE	NEGATIVE	POSITIVE	POSITIVE	
	FREQUENCY	70 Hz	70 Hz	60 Hz	56Hz	87Hz(i)	
	TOTAL PERIOD	14.27 mS	14.27 mS	16.68 mS	17.77mS	11.53mS	G
	DISPLAY	11.12 mS	12.71 mS	15.25 mS	17.06mS	10.83mS	A
	BLANKING TIME	3.15 mS	1.554 mS	1.434 mS	0.709mS	0.701mS	B
	FRONT PORCH	1.176 mS	0.38 mS	0.32 mS	0.028mS	0.028mS	C
	SYNC WIDTH	0.064 mS	0.064 mS	0.064 mS	0.056mS	0.113mS	D
	BACK PORCH	1.91 mS	1.11 mS	1.05 mS	0.625mS	0.56mS	F

AJUSTE DE ALINHAMENTO

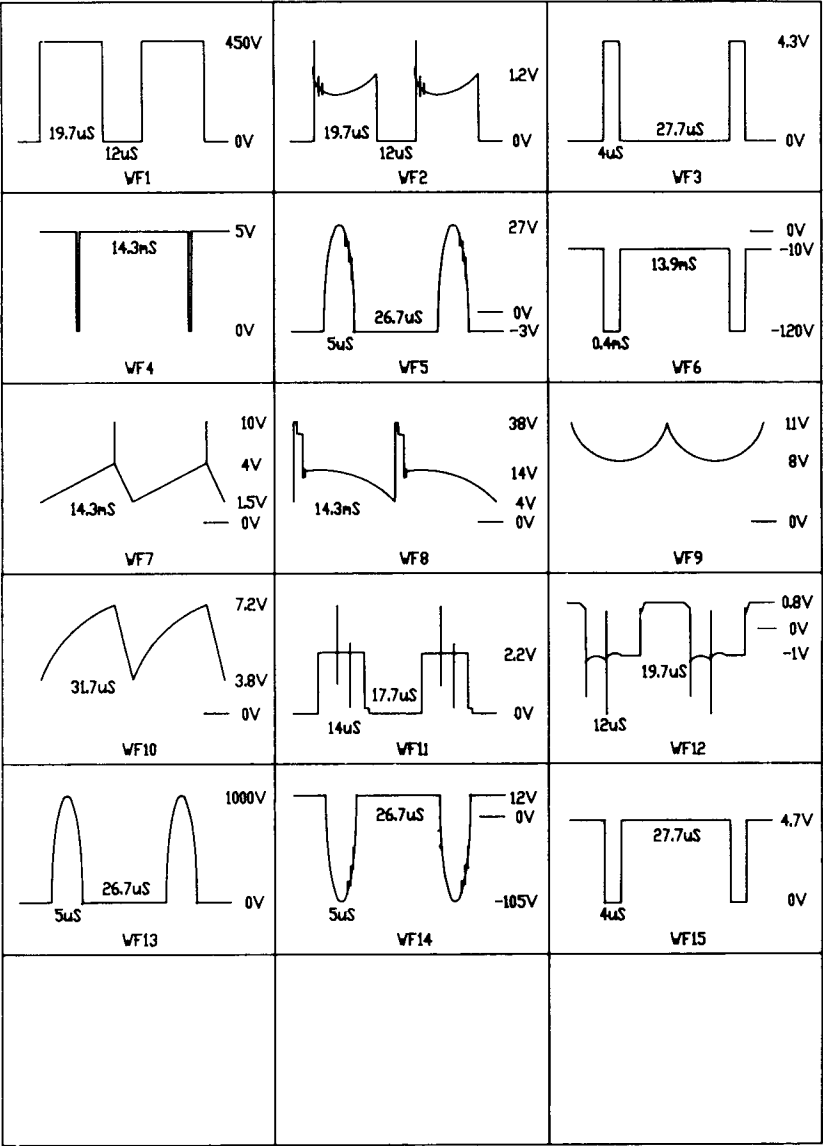
PARTS LOCATION



No.	Ref. No.	Control Function	No.	Ref. No.	Control Function
1	SW901	POWER SWITCH	9	VR710	S-PCC
2	VR706	BRIGHT	10	VR705	SUB-BRIGHT
3	VR704	CONTRAST	11	VR703	SUB-CONTRAST
4	VR708	H-SIZE	12	VR707	RASTER CENTER(H-CENTER)
5	VR701	H-POSITION(H-PHASE)	13	VR502	B-DRIVE
6	VR602	V-SIZE	14	VR501	G-DRIVE
7	VR603	V-CENTER	15	VR302	G-CUTOFF
8	VR702	H-HOLD	16	VR301	B-CUTOFF



FORMAS DE ONDA



< WAVE FORM > : VGA MODE 2
FULL WHITE PATTERN

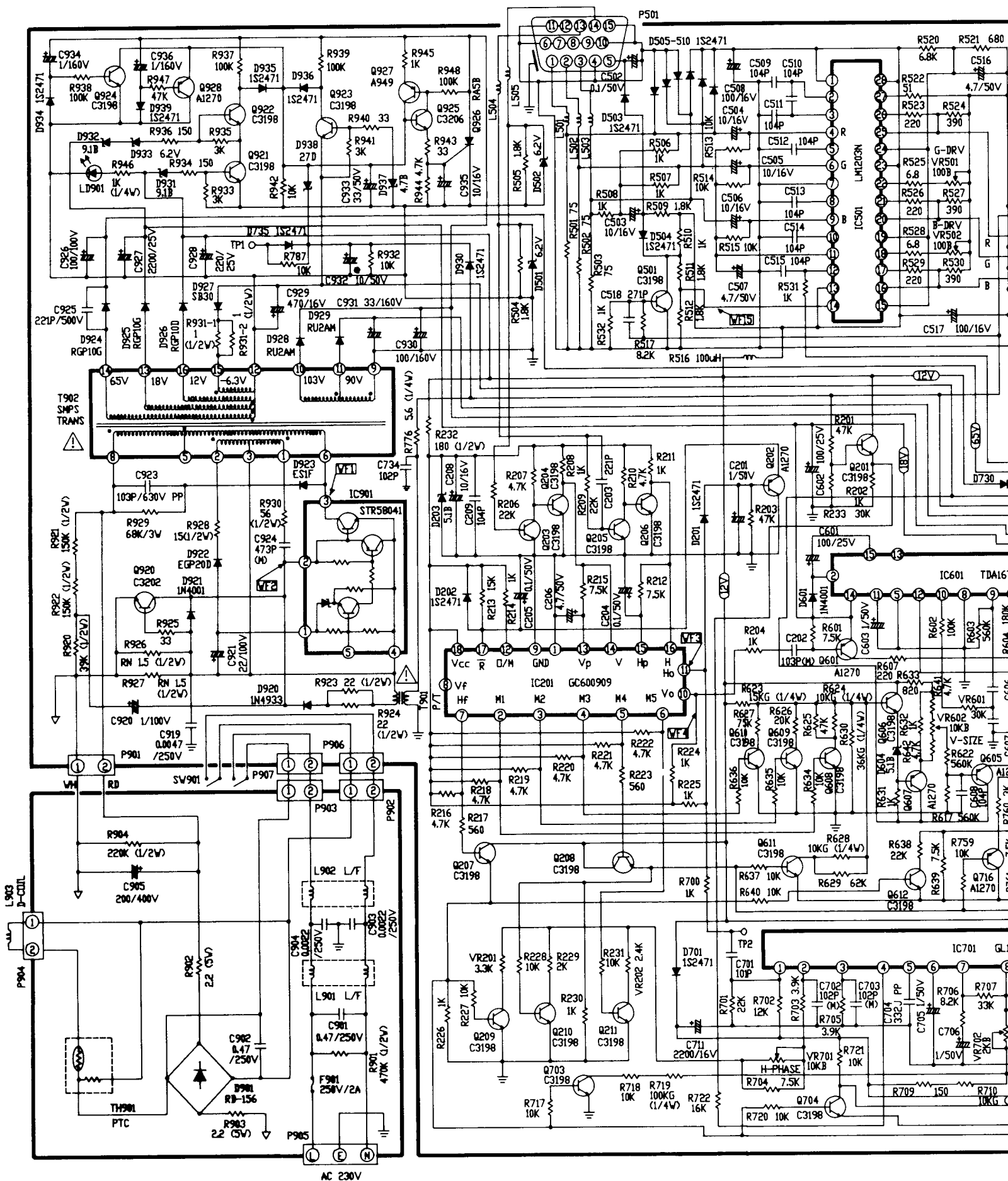


DIAGRAMA ESQUEMÁTICO (1460 SSI/01

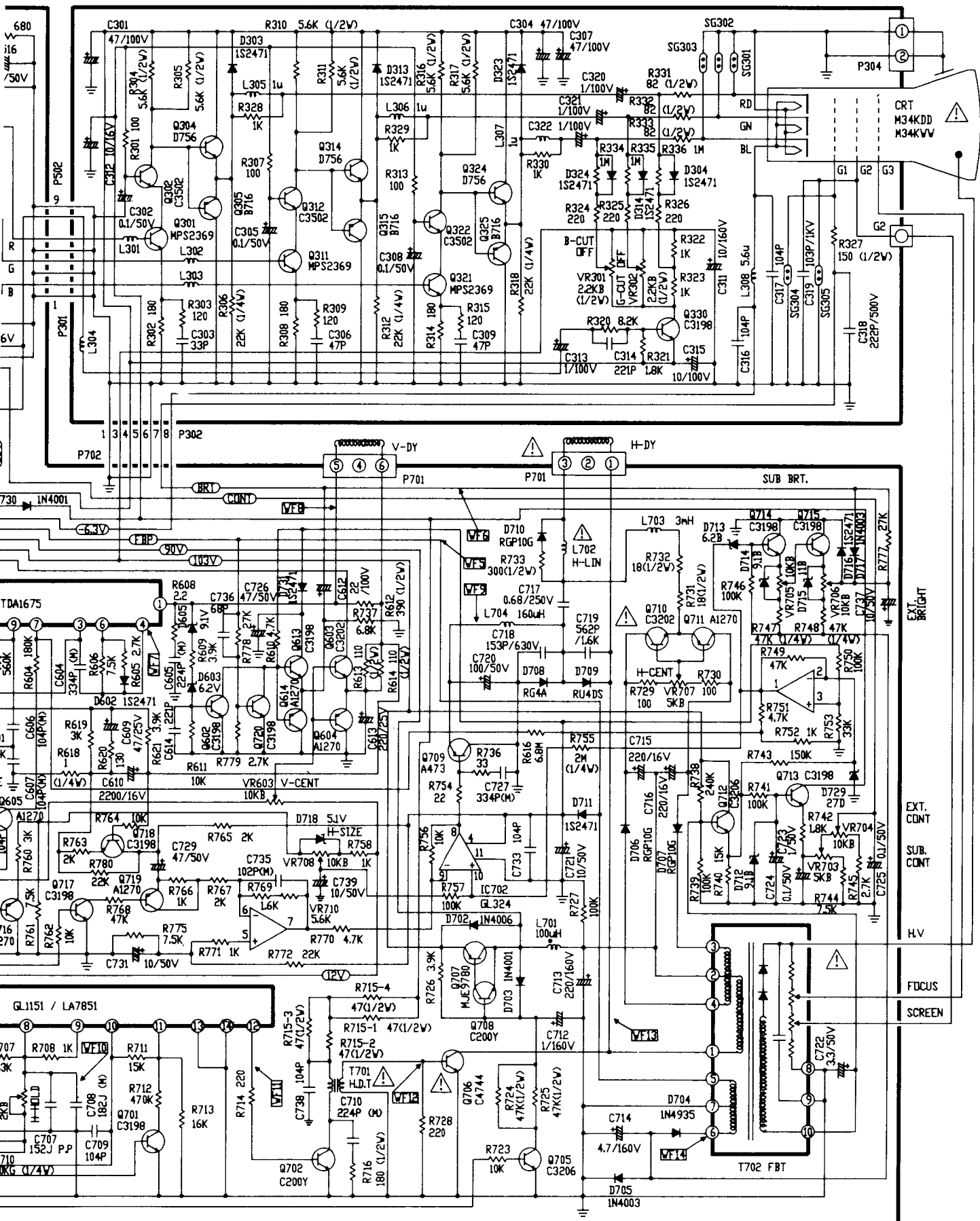
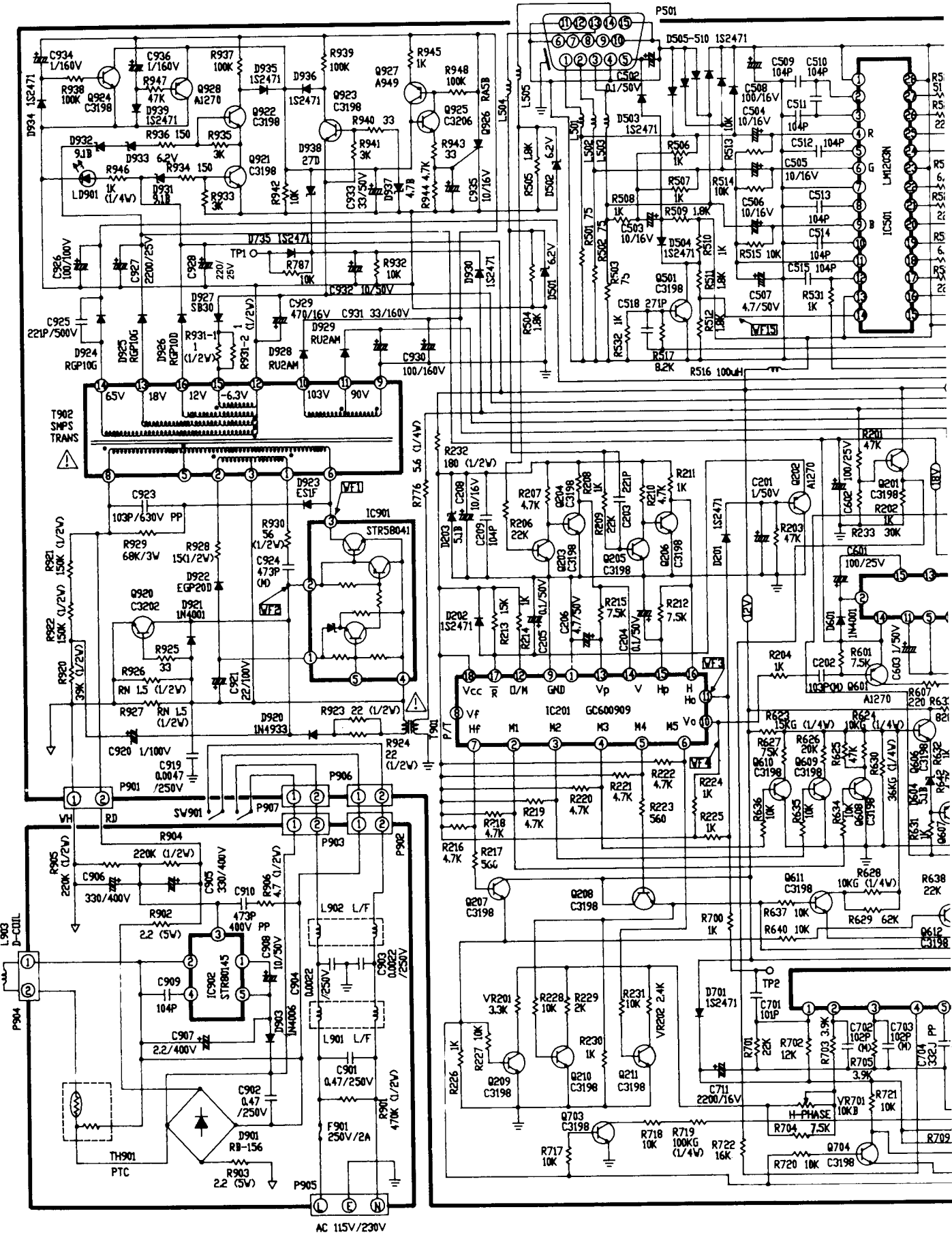
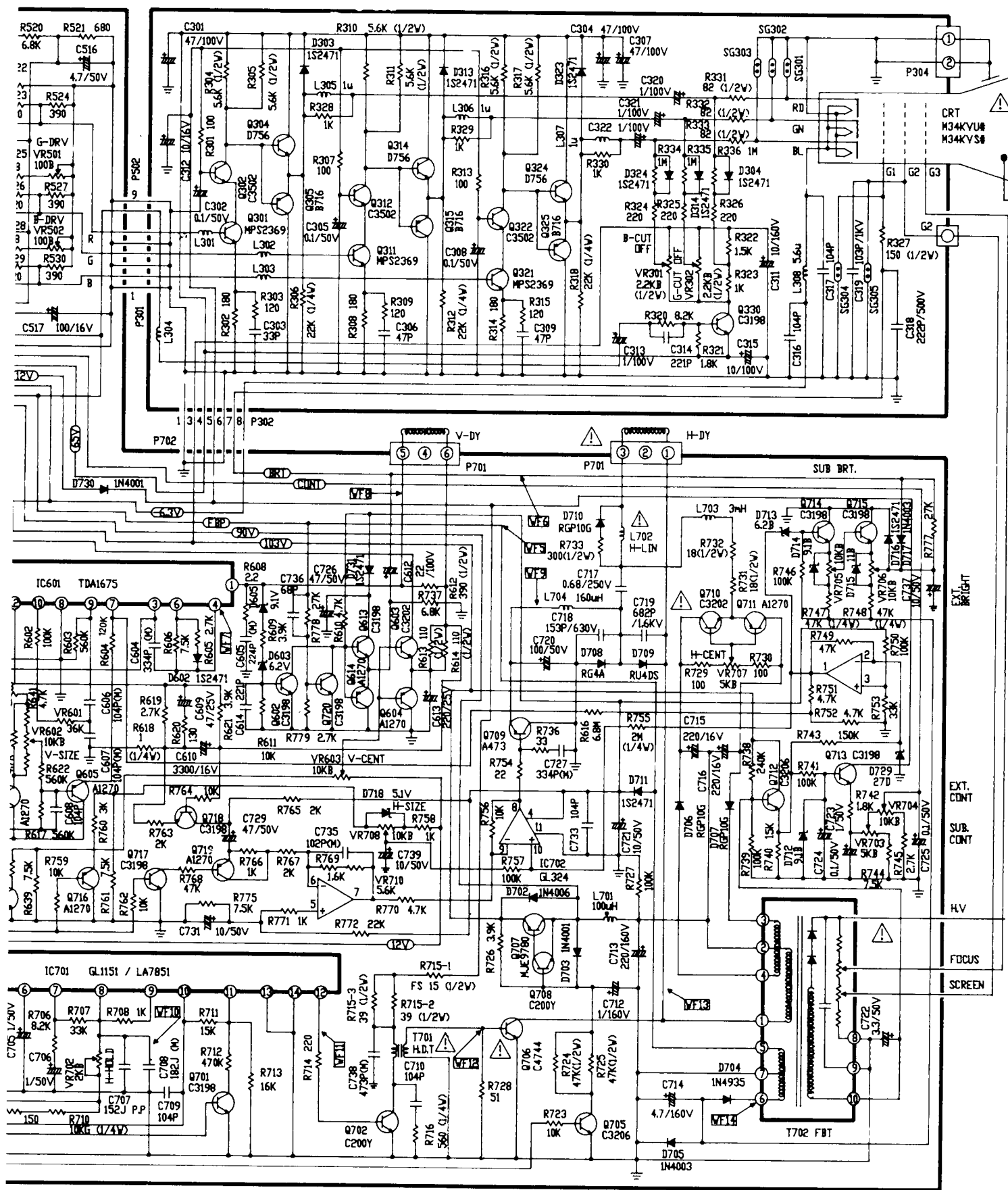
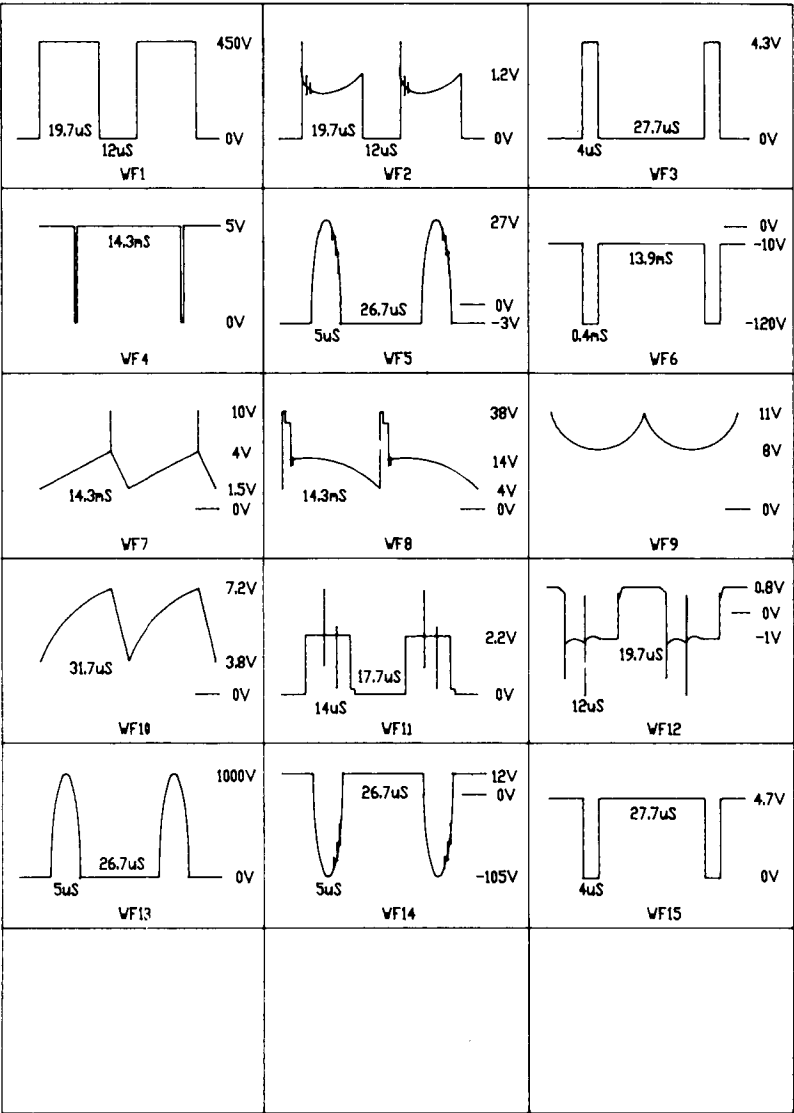


DIAGRAMA ESQUEMÁTICO (CA-19 LH=0,33 mH E FORMAS DE ONDA



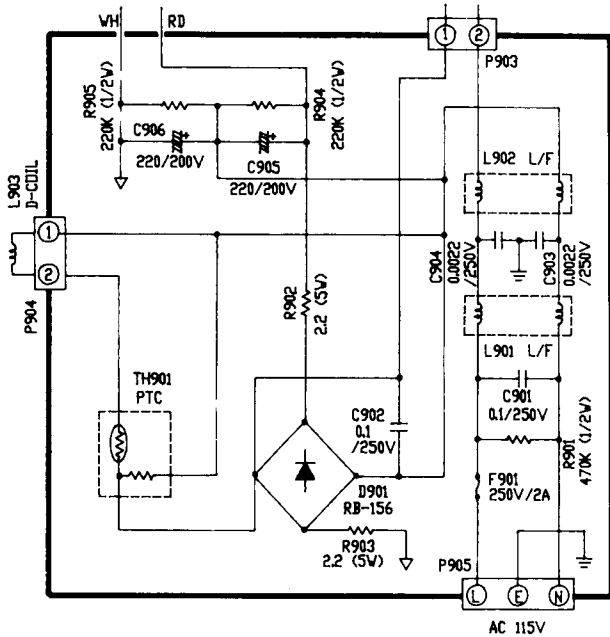




< WAVE FORM > : VGA MODE 2
FULL WHITE PATTERN

* COMPARISON POWER SCHEMATIC DIAGRAM

1) Only 115V Zone



2) Only 220V~240V Zone

