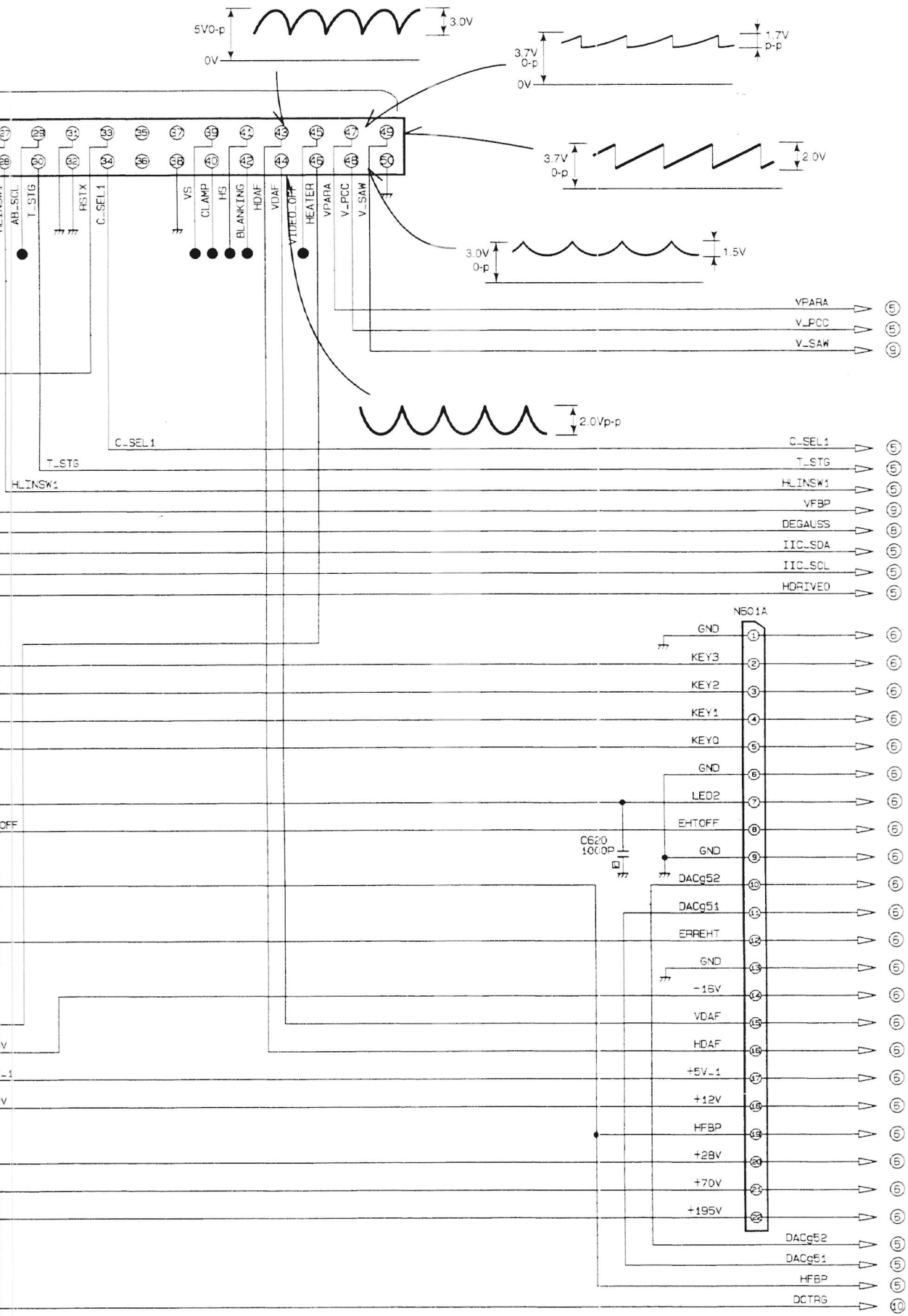
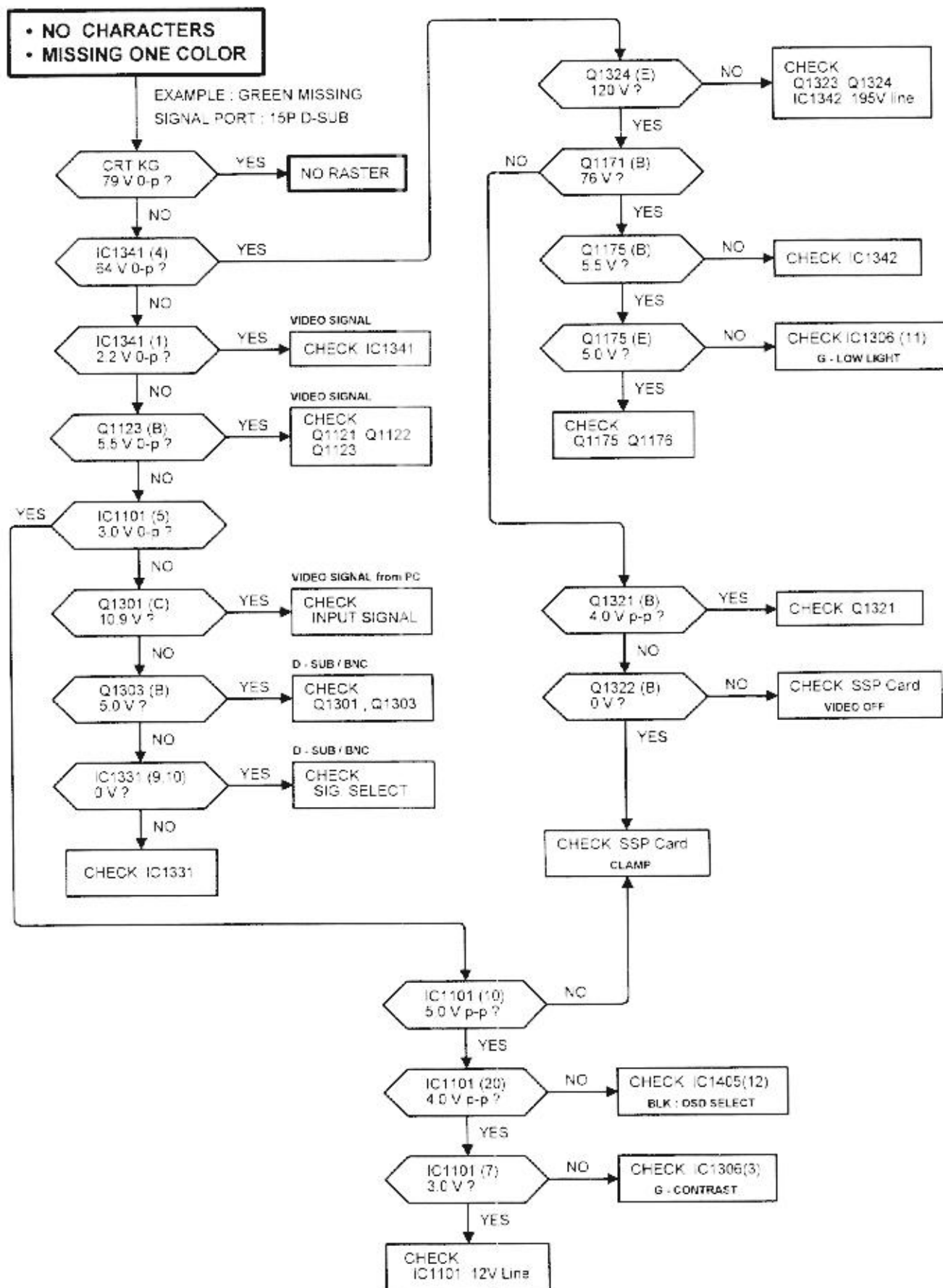
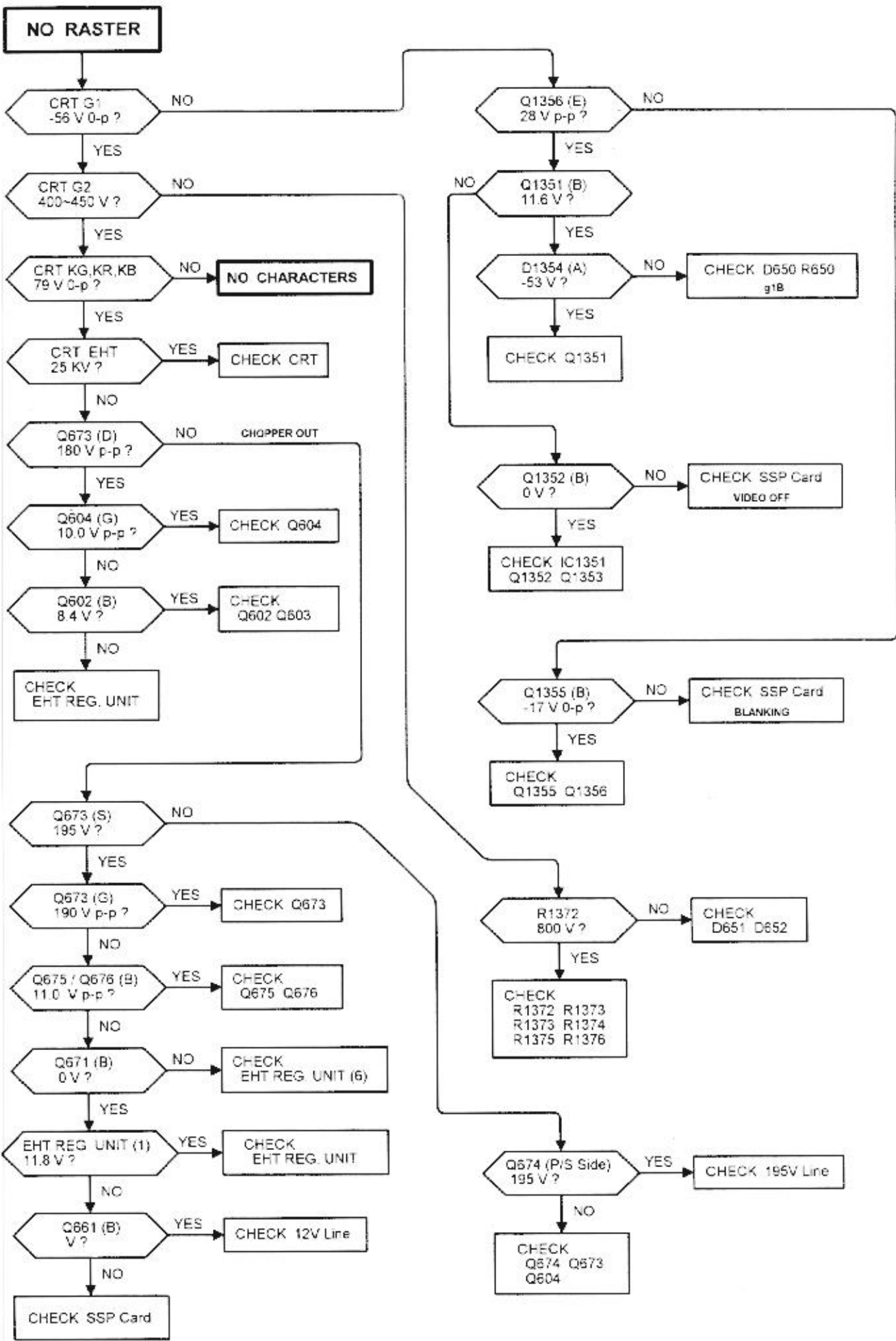


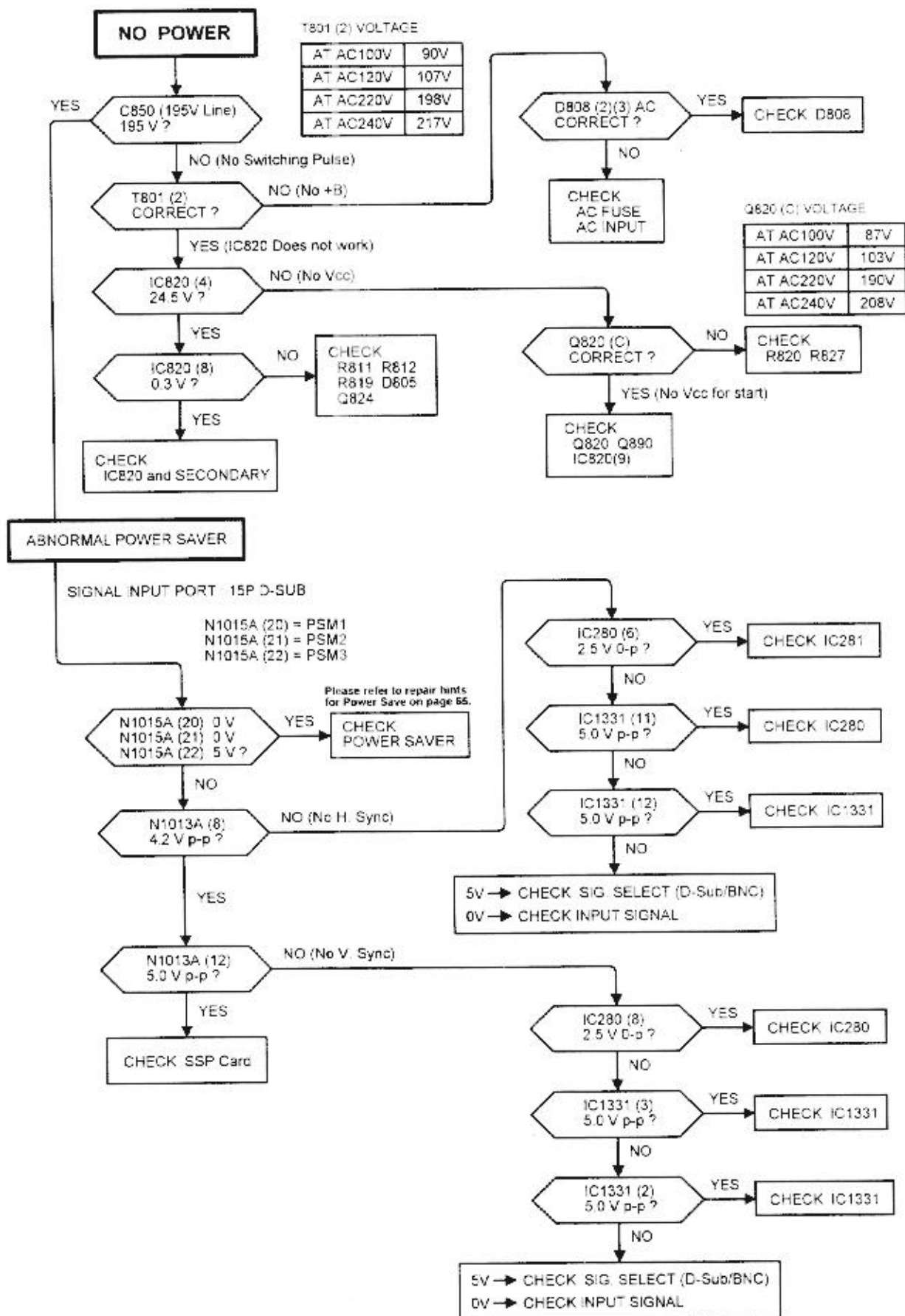
TNPH0024



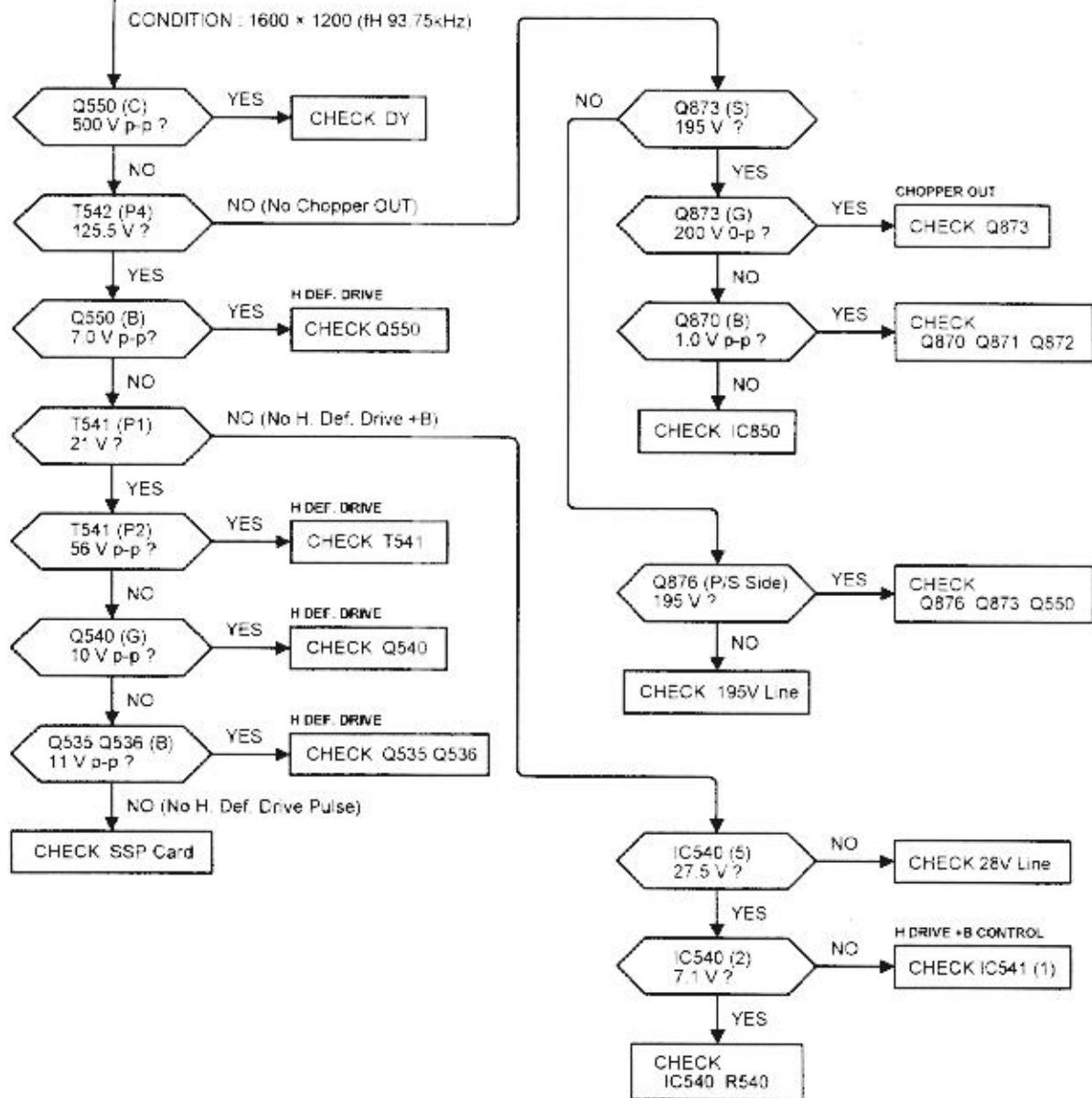
TROUBLE SHOOTING HINTS





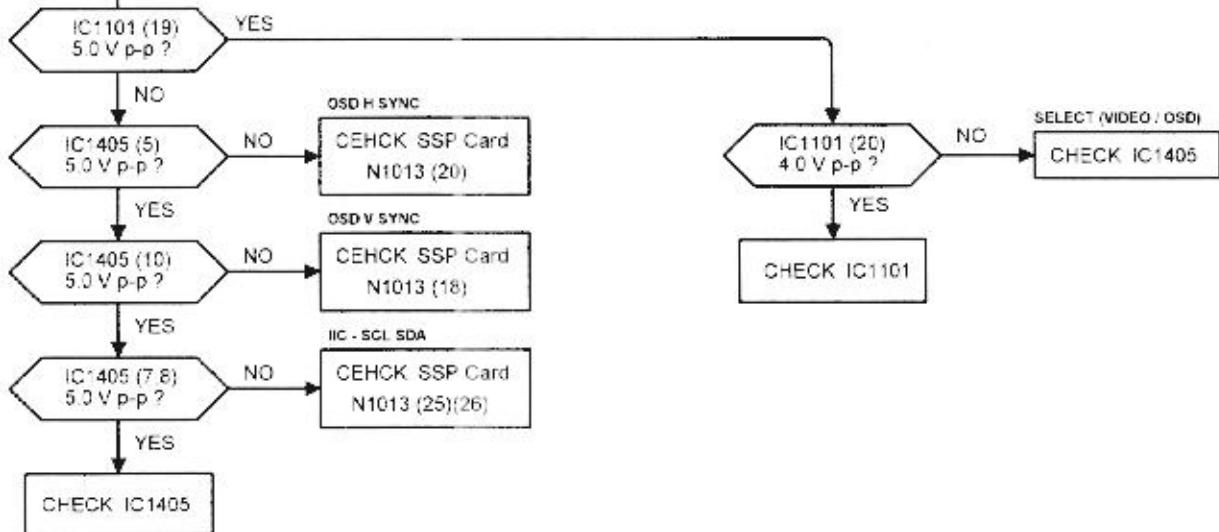


DEFECTIVE HORIZONTAL DEFLECTION CIRCUIT



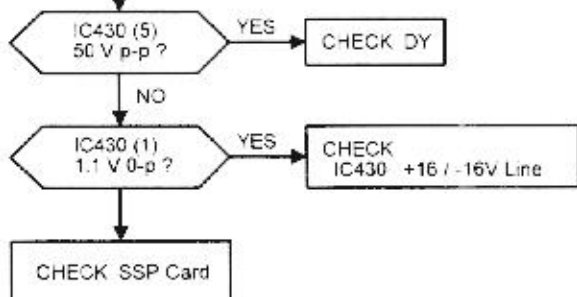
O.S.D. DOES NOT WORK

EXAMPLE : MISSING GREEN
CONDITION : OSD ON

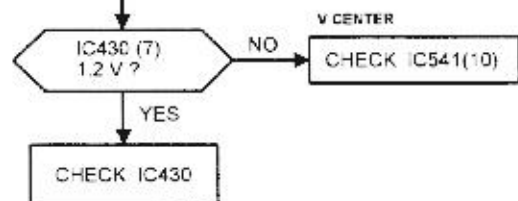


INCORRECT V SIZE

CONDITION : 1600 × 1200 (fH 93.75kHz)

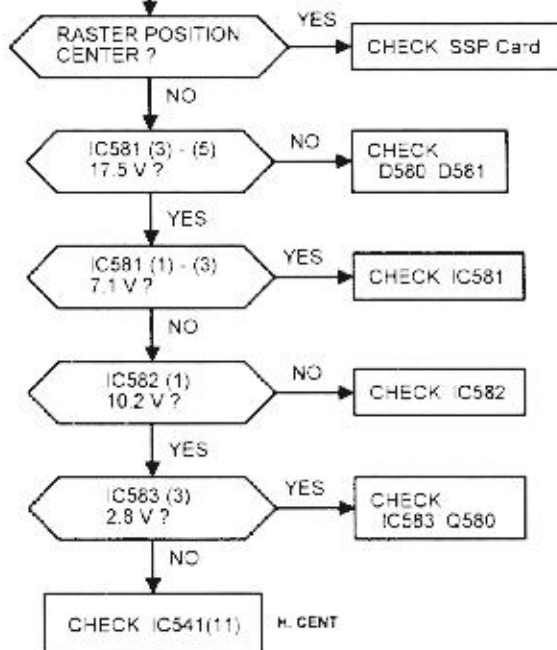


INCORRECT V. POSITION CONTROL



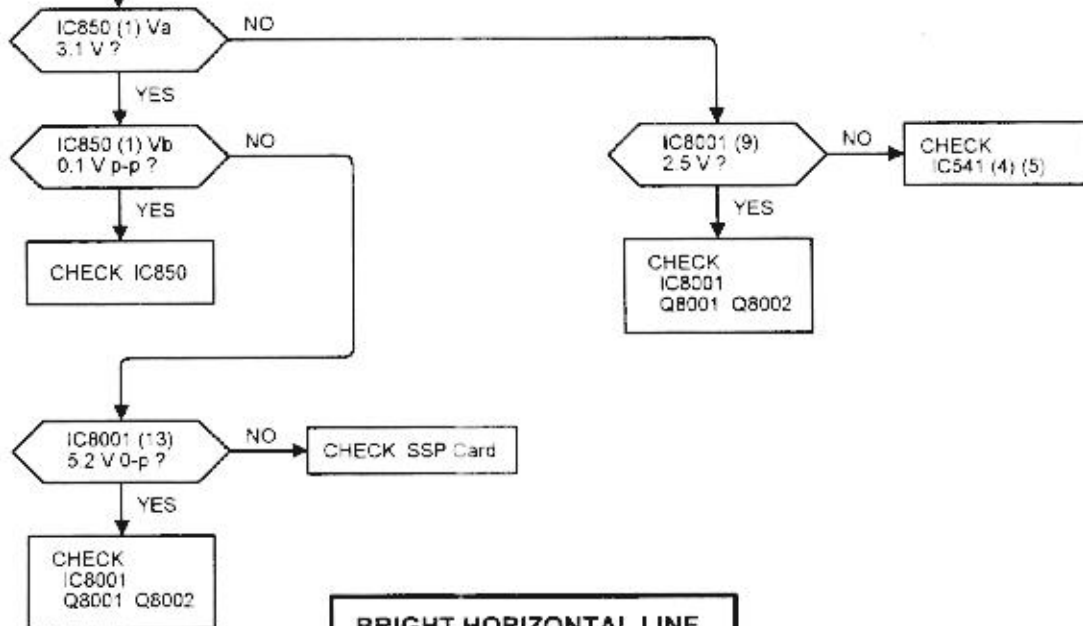
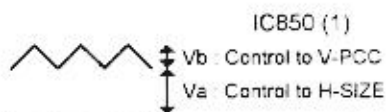
INCORRECT H. POSITION CONTROL

CONDITION : 1600 × 1200 (fH 93.75kHz)

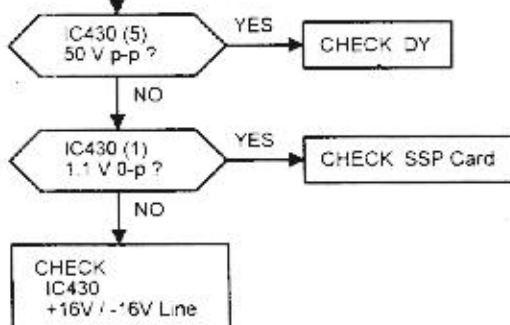


INCORRECT V.PCC & H. SIZE

CONDITION : 1600 × 1200 (FH 93.75kHz)



BRIGHT HORIZONTAL LINE APPEARS ON THE SCREEN



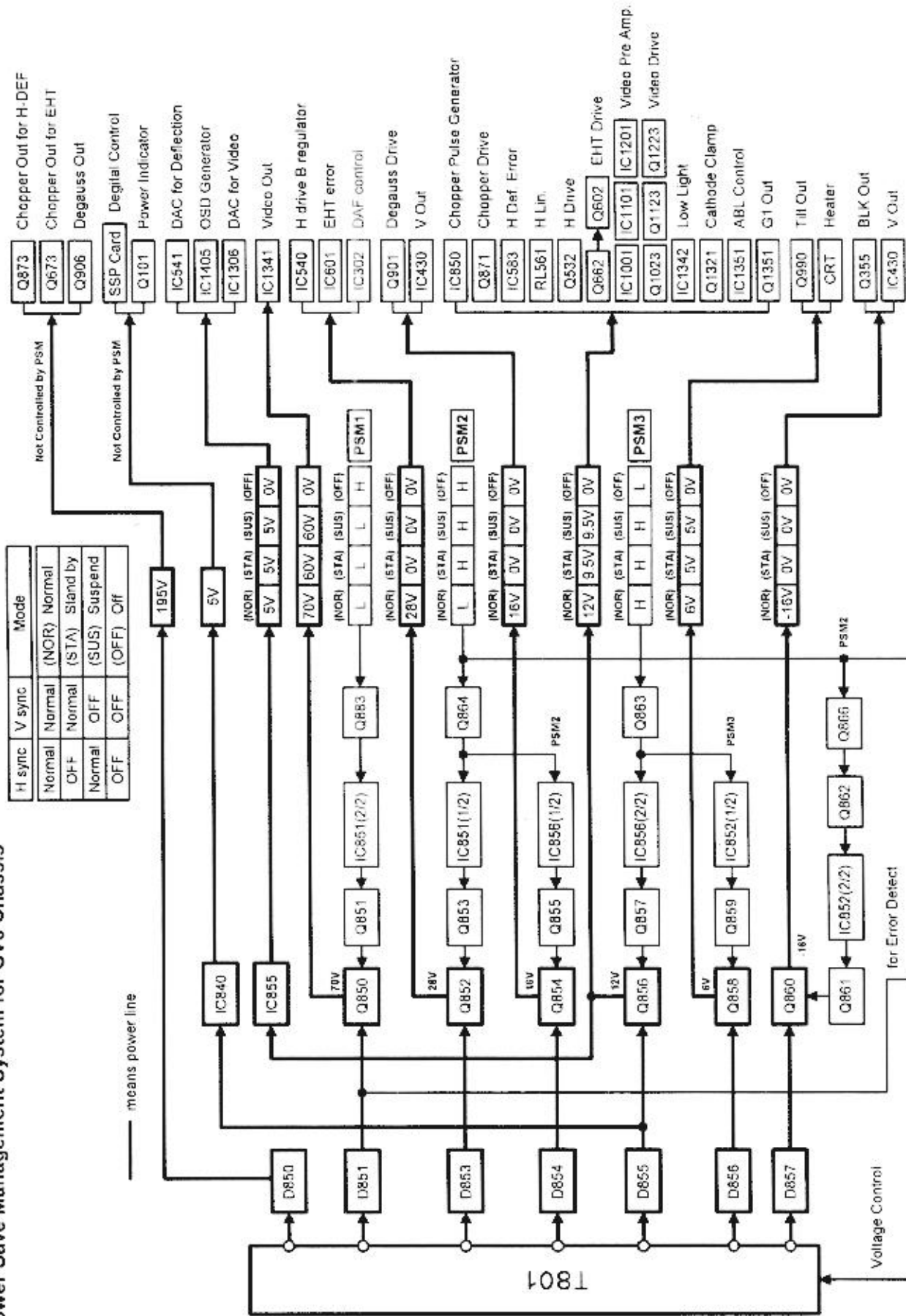
ABNORMAL POWER INDICATOR



HS	VS	LED2	COLOR
ON	ON	LOW	GREEN
OFF	ON	HIGH	YELLOW
ON	OFF	HIGH	YELLOW
OFF	OFF	HIGH	YELLOW

Power Save Management System for GV3 Chassis

H sync	V sync	Mode
Normal	Normal	(NOR) Normal
Off	Normal	(STA) Stand by
Normal	Off	(SUS) Suspend
Off	Off	(OFF) Off



REPLACEMENT PARTS LIST

Important Safety Notice

Components identified by the International symbol have special characteristics important for safety. When replacing any of these components use only manufacturer's specified parts.

RESISTOR

PART NAME & DESCRIPTION			
TYPE		ALLOWANCE	
C	Carbon	F	± 1%
F	Fuse	J	+ 5%
M	Metal Oxide	K	± 10%
S	Solid	M	± 20%
W	Wire Wound	G	± 2%

Part No. Description
 Example: ERD25TJ*04 C 100K J 1/4W

CAPACITOR

PART NAME & DESCRIPTION		
TYPE		ALLOWANCE
C	Ceramic	C ± 0.25pF
E	Electrolytic	D ± 0.5pF
P	Polyester	F ± 1pF
S	Styrol	J ± 5%
T	Tantalum	K ± 10%
PP	Polypropylene	L ± 15%
		M ± 20%
		P +100% - 0%
		Z +80% - 20%

Part No. Description
 Example: ECKP1H103ZF C 0.01pF Z 50V

Ref.No.	Part No.	Description	Ref.No.	Part No.	Description
	CABINET & MAIN PARTS				
	1	TTYA04401-2 ESCUTCHEON		19	TMK6035 SPONGE
	2	TKUC01201 REAR COVER		TMK84990 SET LEG	
	3	TKSG001-A01 BOTTOM CABINET		TMK85572 FERRITE STICK	
	4	TKSG002-A01 BASE CABINET		TQFXC40 CONDUCTIVE SHEET	
		TKKC5022 LED GLIDE		THTF001 SCREW(FOR EHT PCB)	
	5	TKKX5010 CENTER POST		TH*1028 SCREW(FOR CRT)	
	6	TKKX5011 SPACER RING		TH*1069 SCREW(FOR SHIELD CASE)	
	7	TJAA02201 MAIN PC BOARD BRACKET		XTB4+12U SCREW	
	8	TJAA02501 BOTTOM PLATE		XTN5+164 SCREW	
		TSAA3004 RADIATOR		XTV3+10A SCREW	
				XTV3+12U SCREW	
	9	TUCC5079 SHIELD CASE		XYA4+EF8 SCREW	
	10	TUCC5080 SHIELD CASE(REAR)		XYE3-EU10 SCREW	
	11	TUCC5083 SHIELD CASE(CRT)R		20	M51KYY540X COLOR PICTURE TUBE
	12	TUCC5084 SHIELD CASE(CRT)L		21	TNPA0141-21 PC BOARD W/COMPONENT(SSP)
		TUCC5085 SHIELD CASE BRACKET		22	TNPH0024-21 PC BOARD W/COMPONENT (MAIN)
	13	TBLB3002-A01 PEDESTAL		23	TXANP32171NM PC BOARD W/COMPONENT(CRT, VIDEO INPUT/EHT/SW/TCO)
	14	TBMC514 MODEL PLATE		24	MEY51LRA DEFLECTION YCKE
	15	TBXA04801 KNOB(POWER SWITCH)		25	MEK027EFX CONVERGENCE COIL
	16	TBXA04901 KNOB(CONTROL)		26	TSPA023 DEGAUSS COIL
		TESA012 SPRING(CRT EARTH)		27	TSPF002 TILT COIL
	17	TESH007 FBT SPRING			TSXA014 POWER CORD<-E.L.->
		TESB566 EARTH SPRING			TSXA023 POWER CORD<-M>
		TMM15404-1 SPACER RING		TSXF0E1-1 SIGNAL CORD	
		TMM15412-1 LEAD CLAMPER(BIG)		TSXL013 FLAT CORD(27P)	
		TMM17474 DOUBLE CLAMPER		TSXL014 FLAT CORD(22P)	
				TSXL015 FLAT CORD(7P)	
				TSXL016 FLAT CORD(30P)	
		TMM6428-1 DEGAUSS COIL CLAMPER		TJEA023 TAB TERMINAL	
		TMM6463 CLAMPER(MIDDLE)		TSXX033 2P CONNECTOR ASSY	
		TMM7464 DEGAUSS COIL CLAMPER (SHORT)		TSXX044 1P CONNECTOR ASSY	
		TMM7468 CLAMPER		TSXX045 1P TERMINAL ASSY	
				TXAJTV7P154 7P CONNECTOR ASSY	
		TMM81499 PUSH RIVET		TXA3A22171NM CRT EARTH LEAD	
		TMM85576-1 CRT RUBBER		FBO1	XBA2C40TB13L FUSE(4.0A)
	18	TMM85586 RUBBER(WEDGE)			
		TMM87408 LEAD CLAMPER(SMALL)			