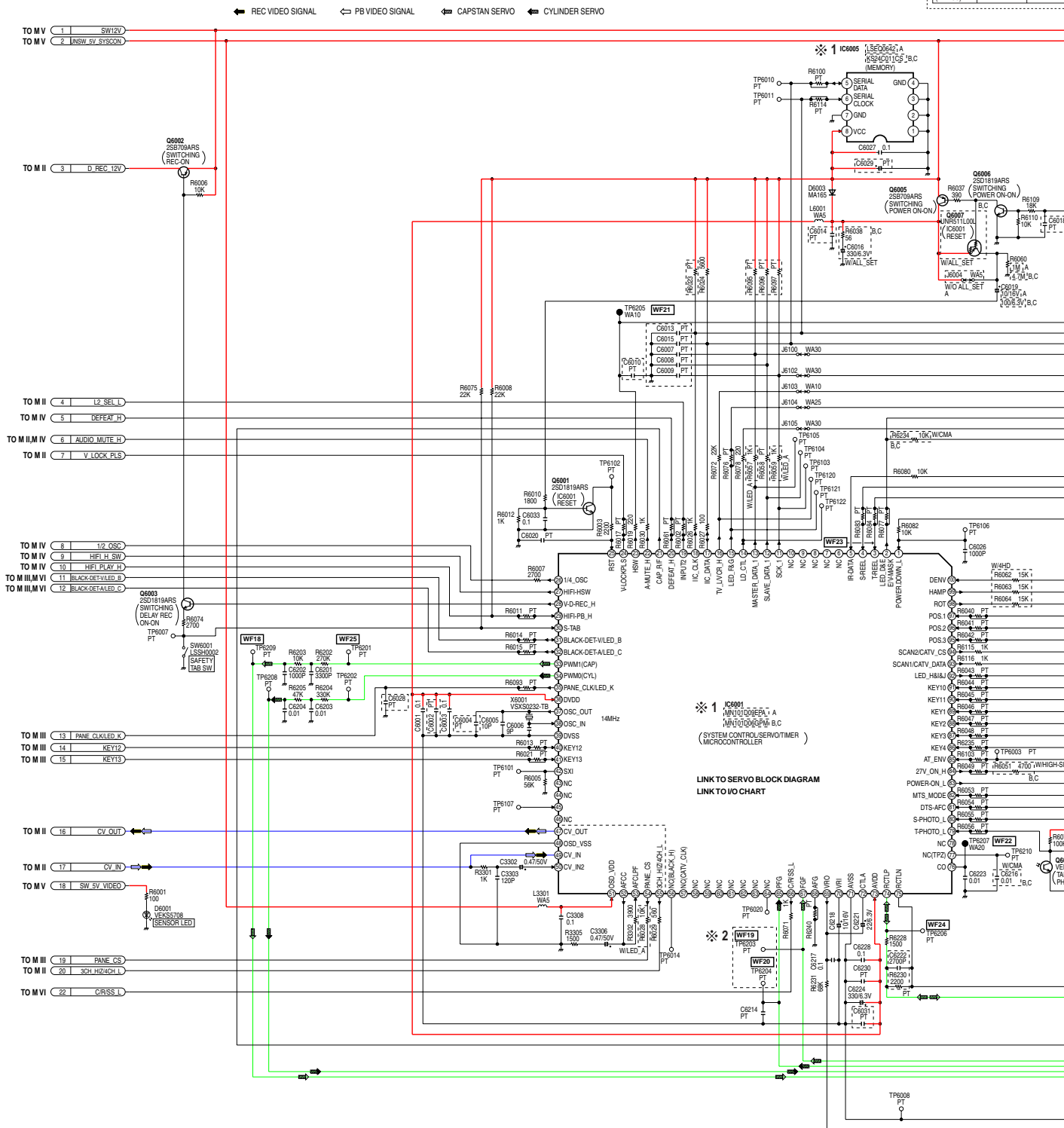


❖ **2** TP6203 and TP6204 were printed in reverse by mistake on the Main C.B.A. in early products.

KEY VOLTAGE CHART (SW6301, 6303, 6304)		
TERMINAL VOLTAGE	0V ~ 0.6V	0.7V ~ 1.5V
KEY DATA1 (PIN 89)	-----	REC
KEY DATA2 (PIN 88)	-----	PLAY
KEY DATA3 (PIN 87)	CH DOWN	-----
KEY DATA4 (PIN 86)	STOP/EJECT	CH UP



NOTE: For placing a purchase order of the parts,  
be sure to use the part number listed in the parts list.  
Do not use the part number on this diagram.

NOTE:  
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES,  
REFER TO BEGINNING OF SCHEMATIC SECTION.

# COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-452-K	A
PV-V4622-K	B
PV-V4662-K	C
Not Used	PT

※ 1 Microcontroller IC (IC6001) and EEPROM IC (IC6005)  
replacement note for PV-452-K:  
In early units, MN101D06FPK is used for Microcontroller IC (IC6001).  
In later units, MN101D09EPA is used for Microcontroller IC (IC6001).  
Please note that only MN101D09EPA is supplied as a replacement  
part and this can be used with both types of EEPROM IC (IC6005).  
When replacing EEPROM IC (IC6005), be sure to confirm which type  
of Microcontroller IC (IC6001) is used on the unit you are servicing and  
install the proper part for EEPROM IC (IC6005).

	Microcontroller IC (IC6001)	EEPROM IC (IC6005)
Early Unit	MN101D06FPK	LSEQ0642
Later Unit	MN101D09EPA	KS24C011CS or AT24C01A10SI or C3EBCC000038 or KS24C011IS or M24C01-MN6

## MODE SELECT SWITCH

PIN NO. OF IC6001	A	B	C
MODE	(97)	(96)	(95)
FF/REW	H	H	L
BRAKE	L	H	H
PLAY/CUE/SLOW/STILL	L	H	L
REVIEW	H	L	L
STANDBY/STOP	H	L	H
CASSETTE DOWN	L	L	H
EJECT	L	L	L

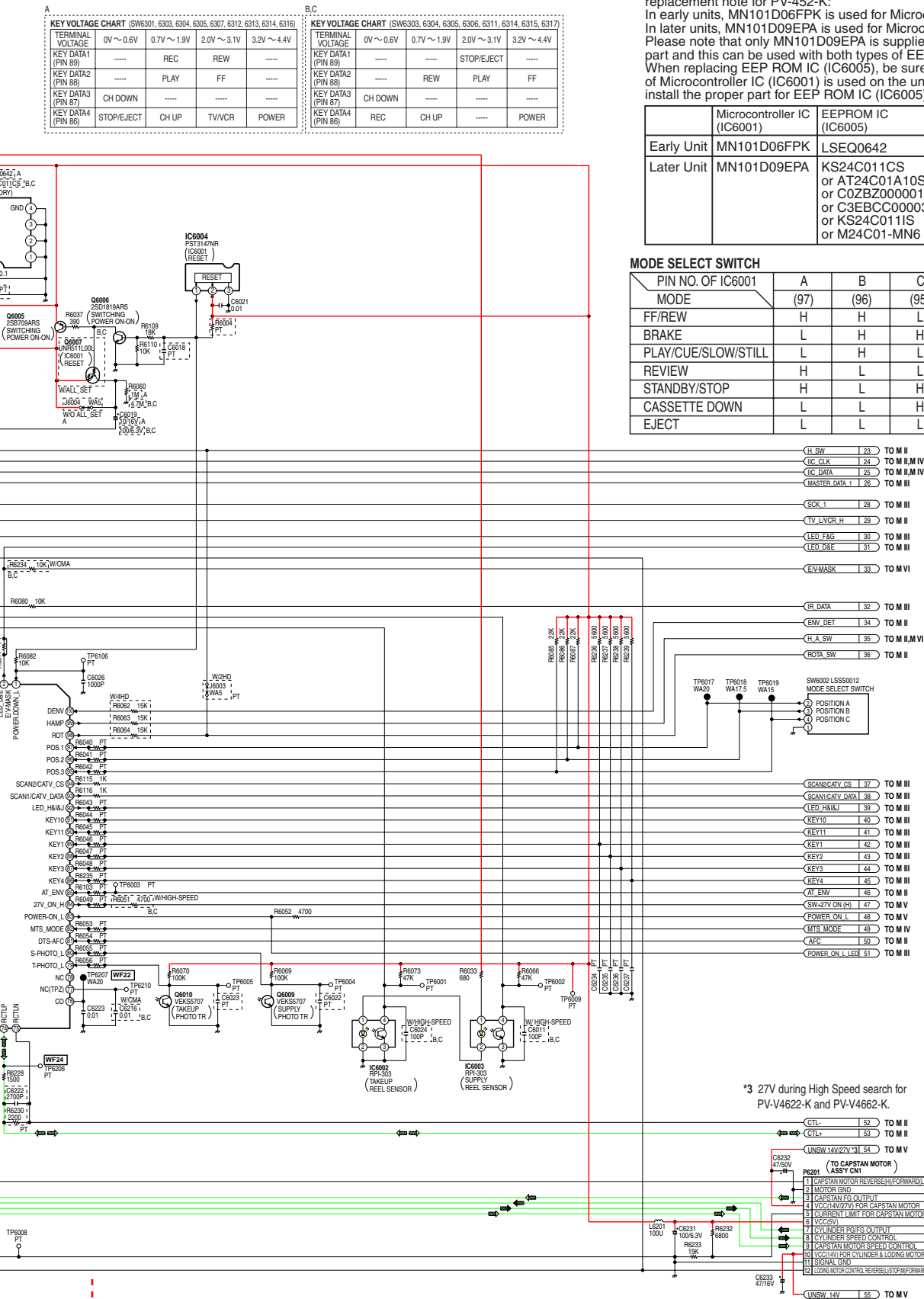
CH SW	23	TO M II
IC CLK	24	TO M II, IV
IC DATA	25	TO M II, IV
MASTER DATA 1	26	TO M III
SOCK 1	28	TO M III
TV LVCR.H	29	TO M II
LED FLAG	30	TO M III
LED DME	31	TO M II
EVAMASK	33	TO M VI
IR DATA	32	TO M III
ENV_DET	34	TO M II
H.A. SW	35	TO M II, M VI
ROTA SW	36	TO M II

SCAN/CATV_CS	37	TO M III
SCAN/CATV_DATA	38	TO M III
LED H&L	39	TO M III
KEY10	40	TO M III
KEY11	41	TO M III
KEY1	42	TO M III
KEY2	43	TO M III
KEY3	44	TO M III
KEY4	45	TO M III
AT ENV	46	TO M II
SW-2TV ON (H)	47	TO M V
POWER ON L	48	TO M V
MTS MODE	49	TO M IV
AFC	50	TO M II
POWER ON L LEEN	51	TO M III

\*3 27V during High Speed search for  
PV-V4622-K and PV-V4662-K.

CTL-	52	TO M II
CTL+	53	TO M II
UNSW LEV2TV	54	TO M V
(TO CAPSTAN MOTOR)		
IC6001		
1	1	CAPSTAN MOTOR REVERSE (FORWARD)
2	2	MOTOR GND
3	3	CAPSTAN FG OUTPUT
4	4	100V/42V FOR CAPSTAN MOTOR *3
5	5	CURRENT LIMIT FOR CAPSTAN MOTOR
6	6	100V/42V
7	7	CYLINDER PULSE OUTPUT
8	8	CYLINDER SPEED CONTROL
9	9	CAPSTAN MOTOR SPEED CONTROL
10	10	100V/42V FOR CYLINDER & LOADING MOTOR
11	11	SIGNAL GND
12	12	LOADING MOTOR REVERSE (FORWARD)
UNSW 14V	55	TO M V

LSJB2006  
PV-452-K/PV-V4622-K/PV-V4662-K  
MAIN I (SYSTEM CONTROL  
/SERVO) SCHEMATIC DIAGRAM



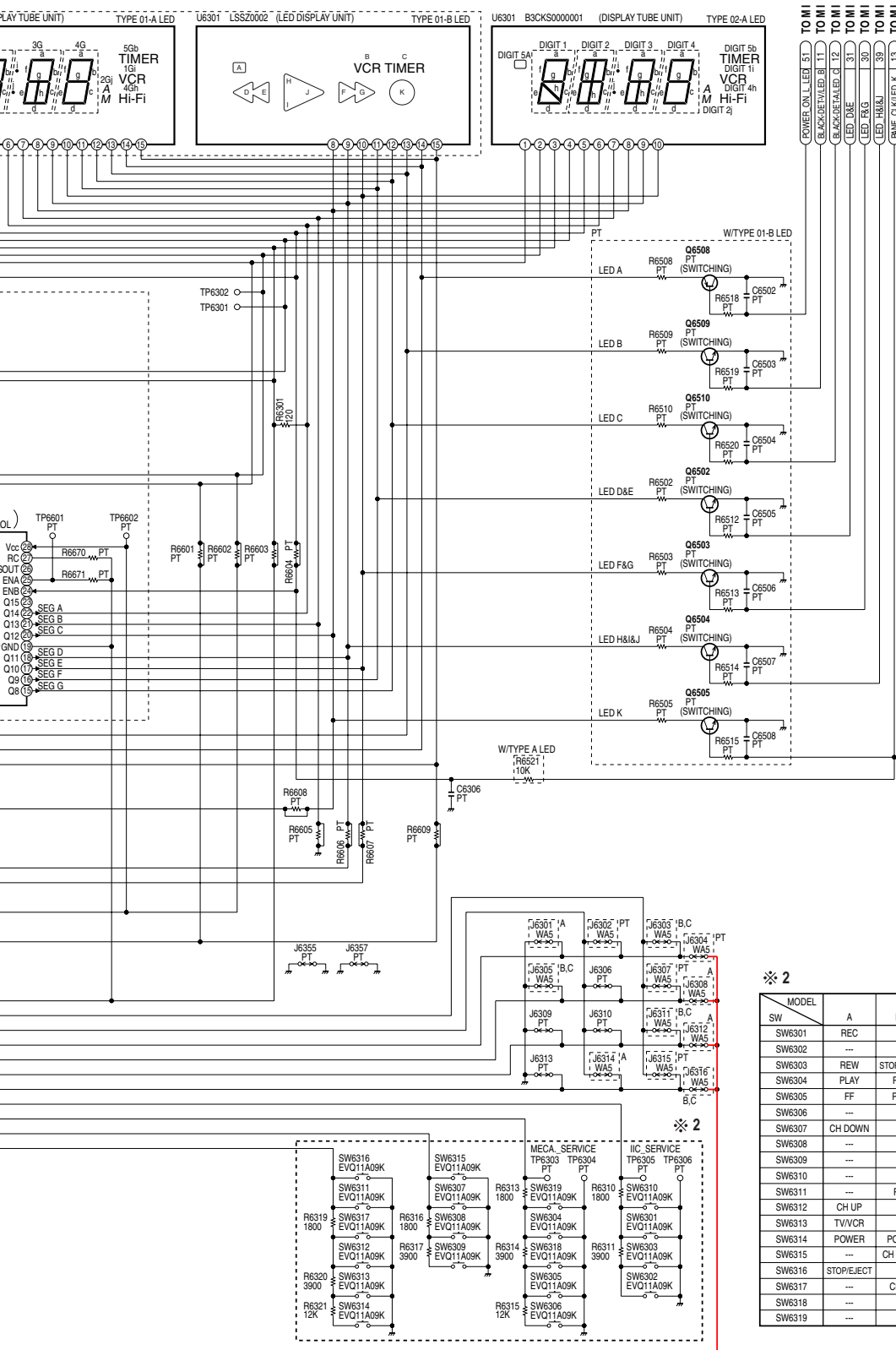


82





NOTE:  
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES,  
REFER TO BEGINNING OF SCHEMATIC SECTION.



✖ 2

✱ 2

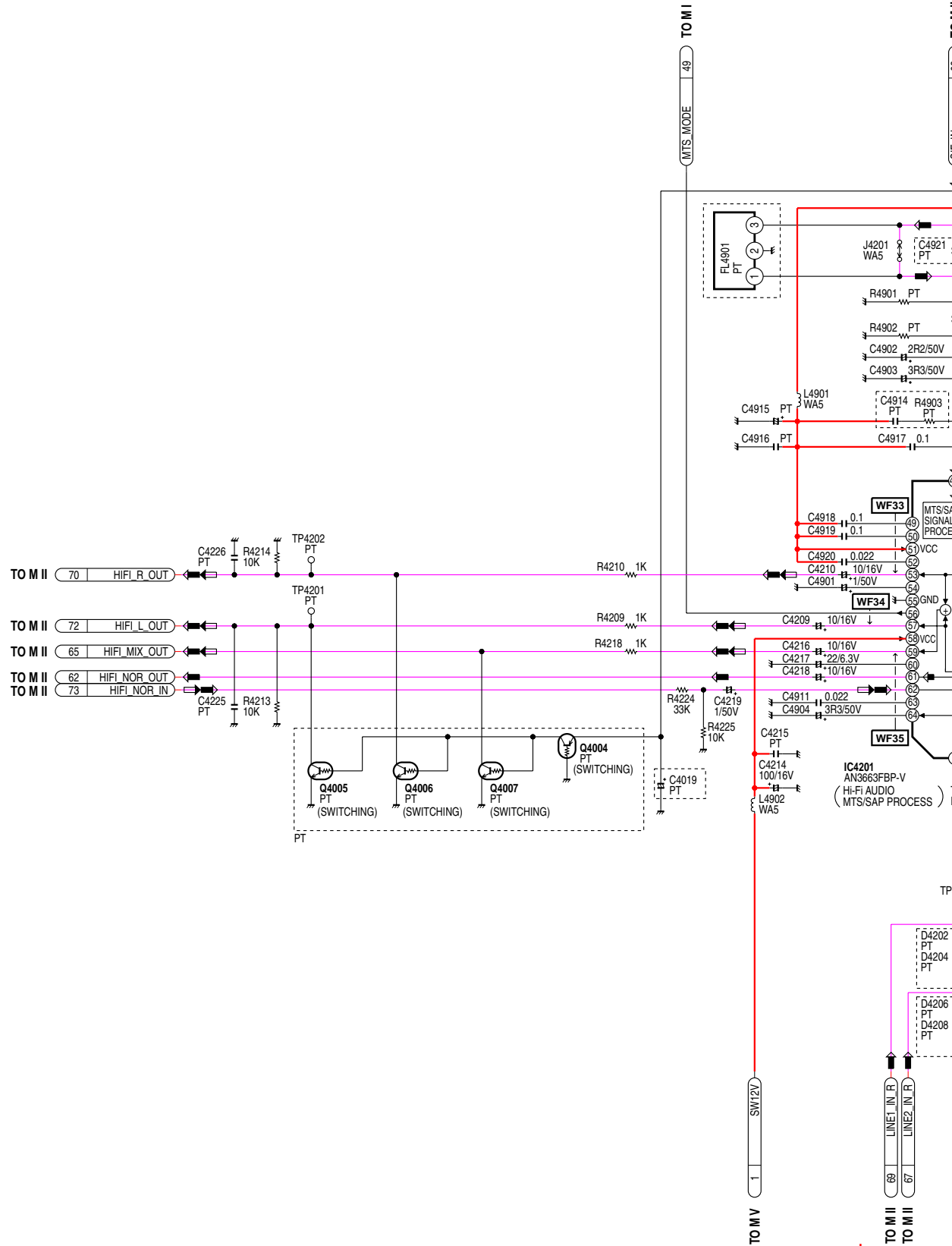
LSJB2006

**PV-452-K/PV-V4622-K/PV-V4662-K**

### MAIN III (OPERATION) SCHEMATIC DIAGRAM

# MAIN IV (Hi-Fi) SCHEMATIC DIAGRAM

◀ REC AUDIO SIGNAL      ◀ PB AUDIO SIGNAL

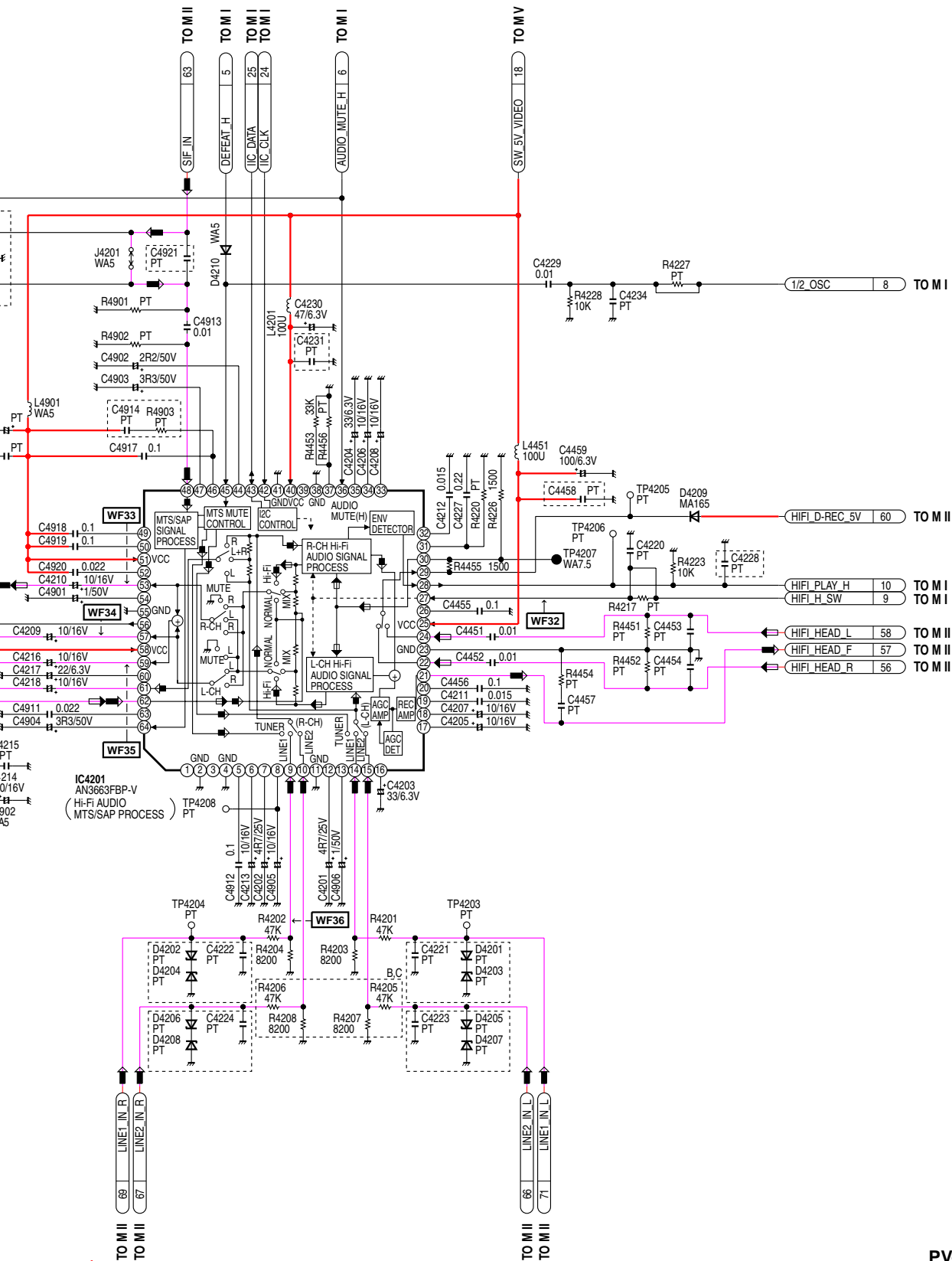


NOTE: For placing a purchase order of the parts,  
be sure to use the part number listed in the parts list.  
Do not use the part number on this diagram.

NOTE:  
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES,  
REFER TO BEGINNING OF SCHEMATIC SECTION.

COMPARISON CHART  
OF MODELS & MARKS

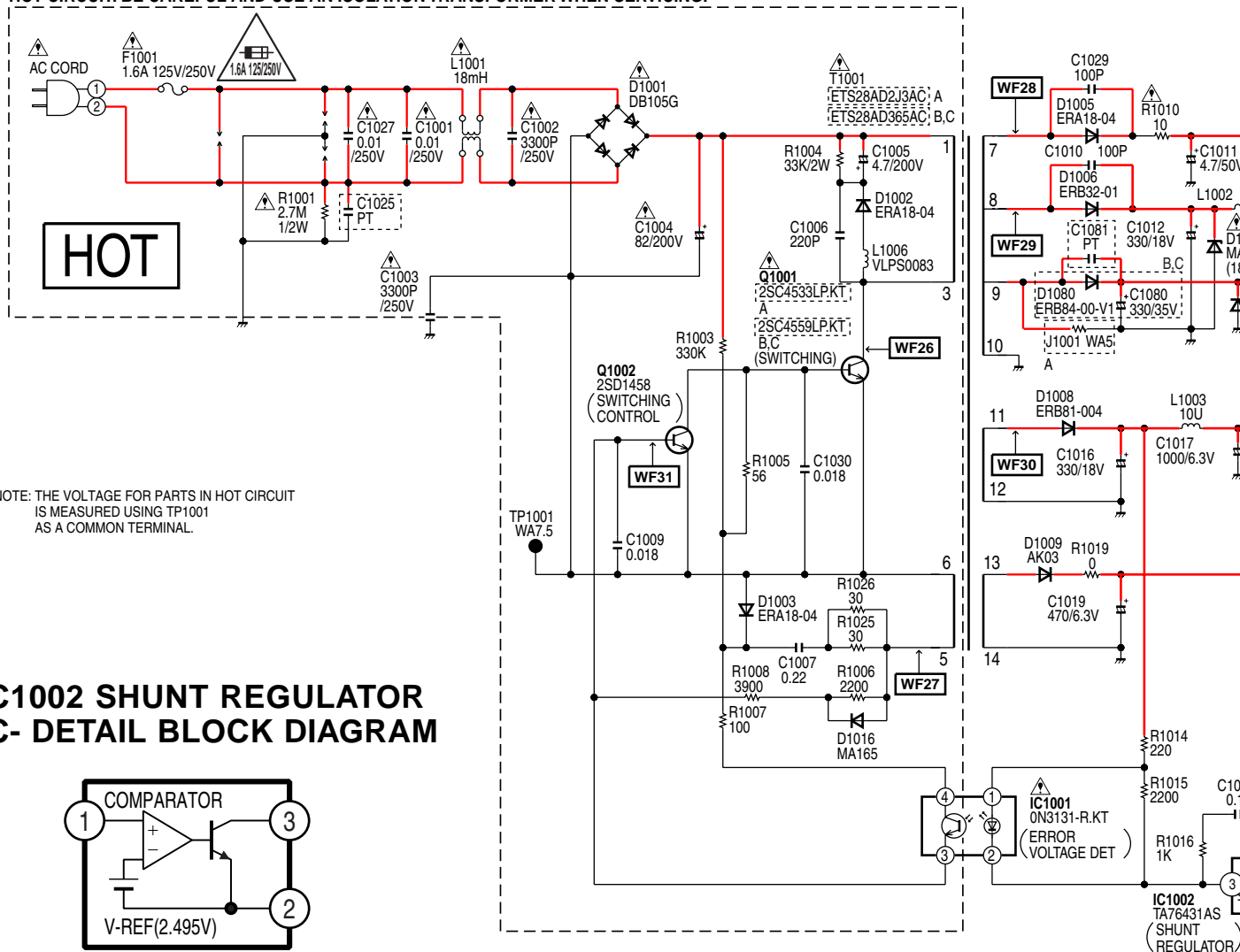
MODEL	MARK
PV-452-K	A
PV-V4622-K	B
PV-V4662-K	C
Not Used	PT





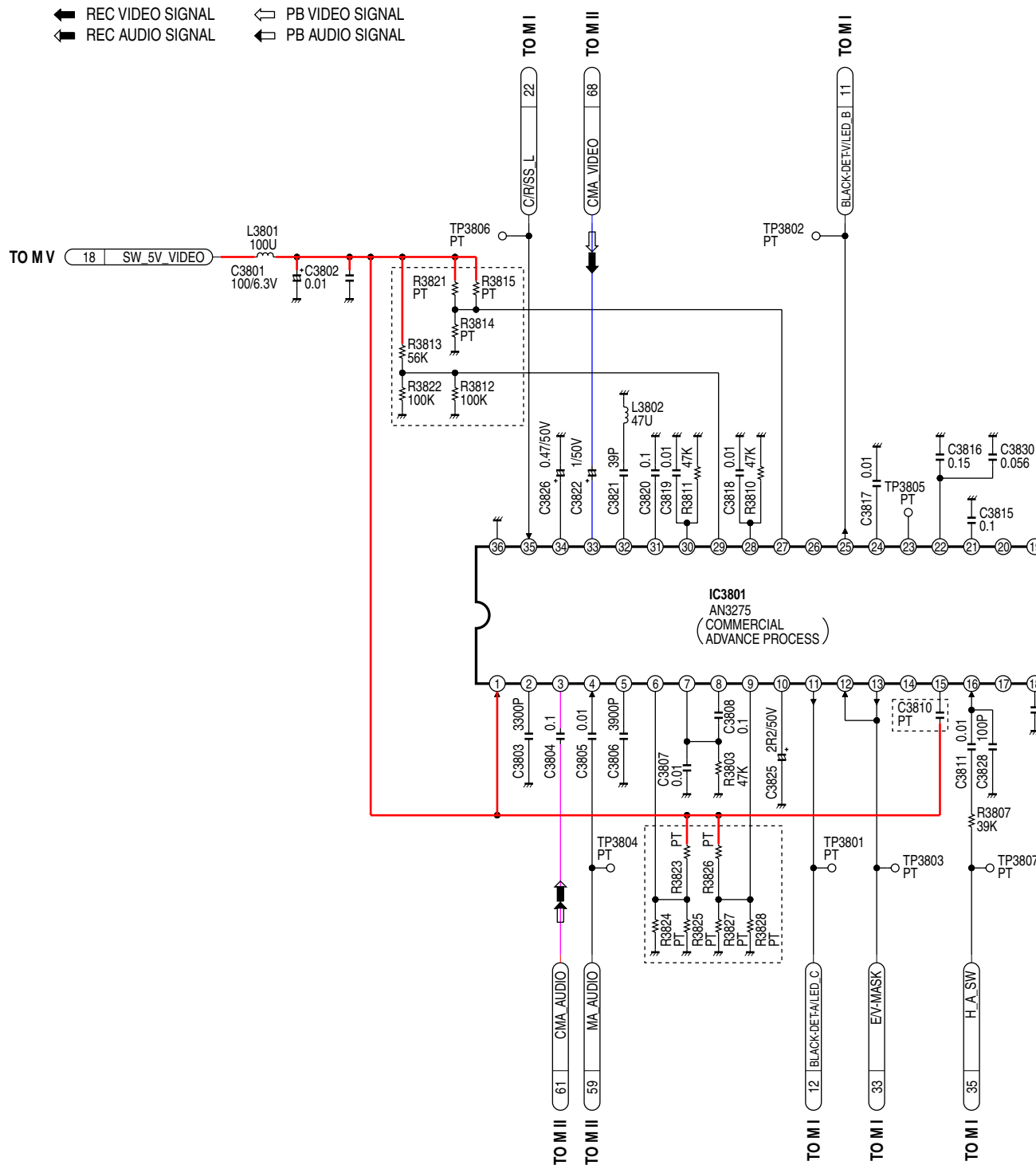
**CAUTION: FOR CONTINUED PROTECTION AGAINST FIRE HAZARD,**  
**REPLACE ONLY WITH THE SAME TYPE 1.6A 125/250V FUSE.**  
**ATTENTION: POUR UNE PROTECTION CONTINUE LES RISQUES**  
**D'INCENDIE N'UTILISER QUE DES FUSIBLES DE MÊME**  
**TYPE 1.6A 125/250V**

**HOT CIRCUIT. BE CAREFUL AND USE AN ISOLATION TRANSFORMER WHEN SERVICING.**





# MAIN VI (ADVANCE) SCHEMATIC DIAGRAM (B,C)



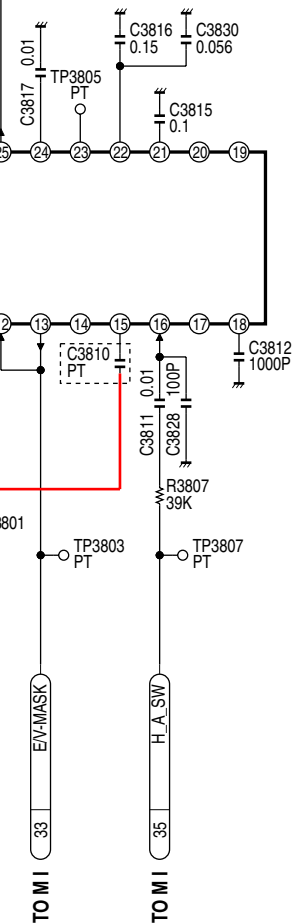
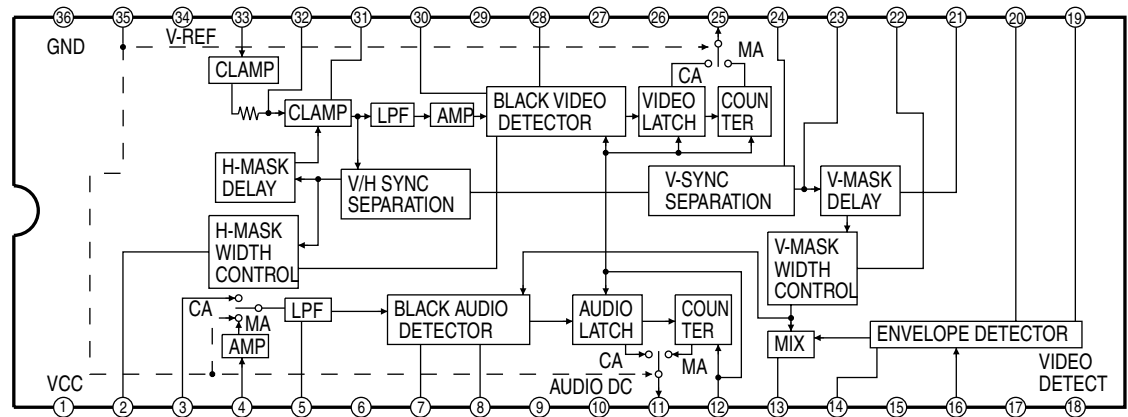
NOTE: For placing a purchase order of the parts,  
be sure to use the part number listed in the parts list.  
Do not use the part number on this diagram.

NOTE:  
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES,  
REFER TO BEGINNING OF SCHEMATIC SECTION.

COMPARISON CHART  
OF MODELS & MARKS

MODEL	MARK
PV-452-K	A
PV-V4622-K	B
PV-V4662-K	C
Not Used	PT

## IC3801 COMMERCIAL ADVANCE PROCESS IC- DETAIL BLOCK DIAGRAM



LSJB2006

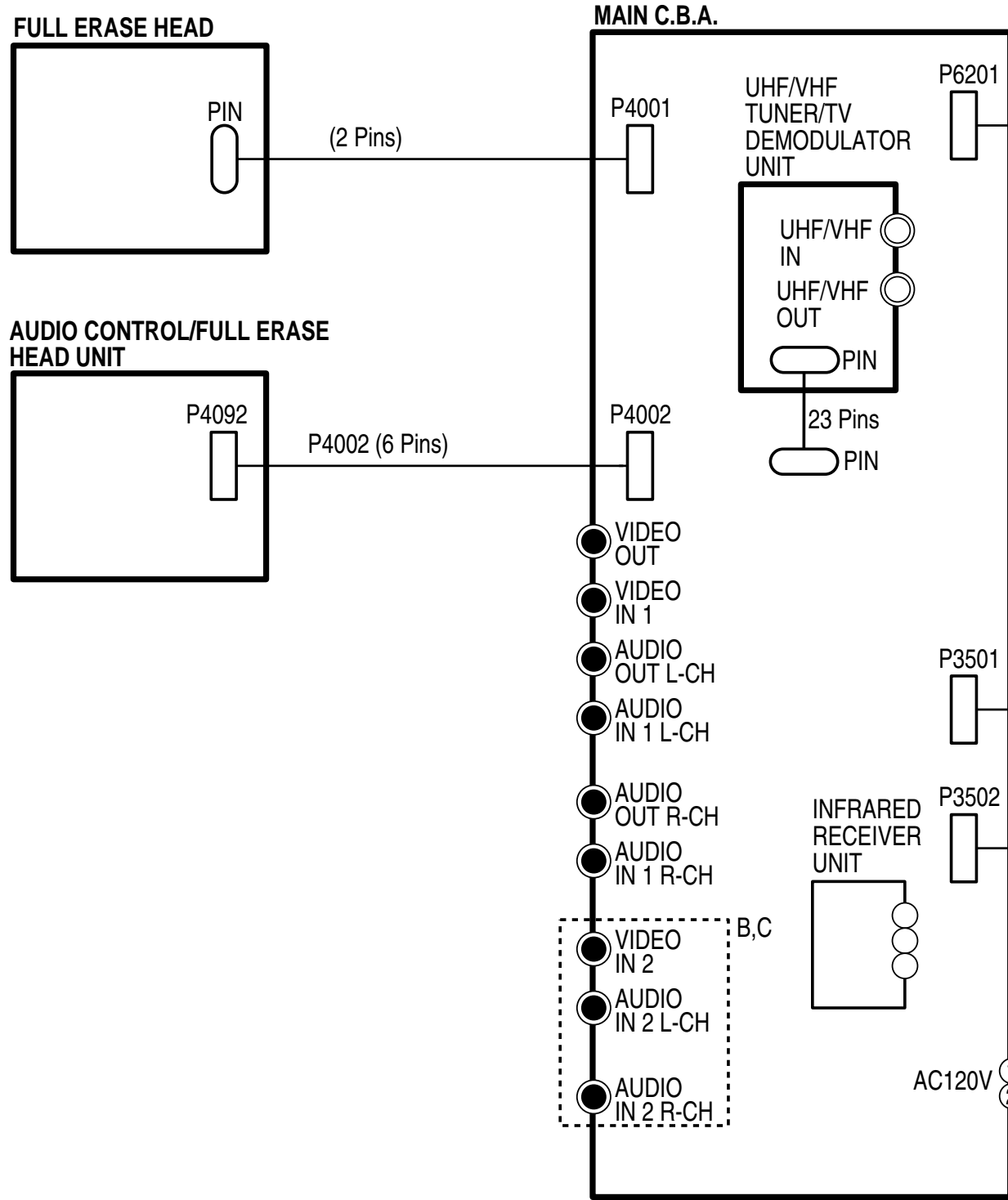
PV-V4622-K/PV-V4662-K


MAIN VI (ADVANCE) SCHEMATIC DIAGRAM

### 7.3. INTERCONNECTION SCHEMATIC DIAGRAM



### INTERCONNECTION SCHEMATIC DIAGRAM

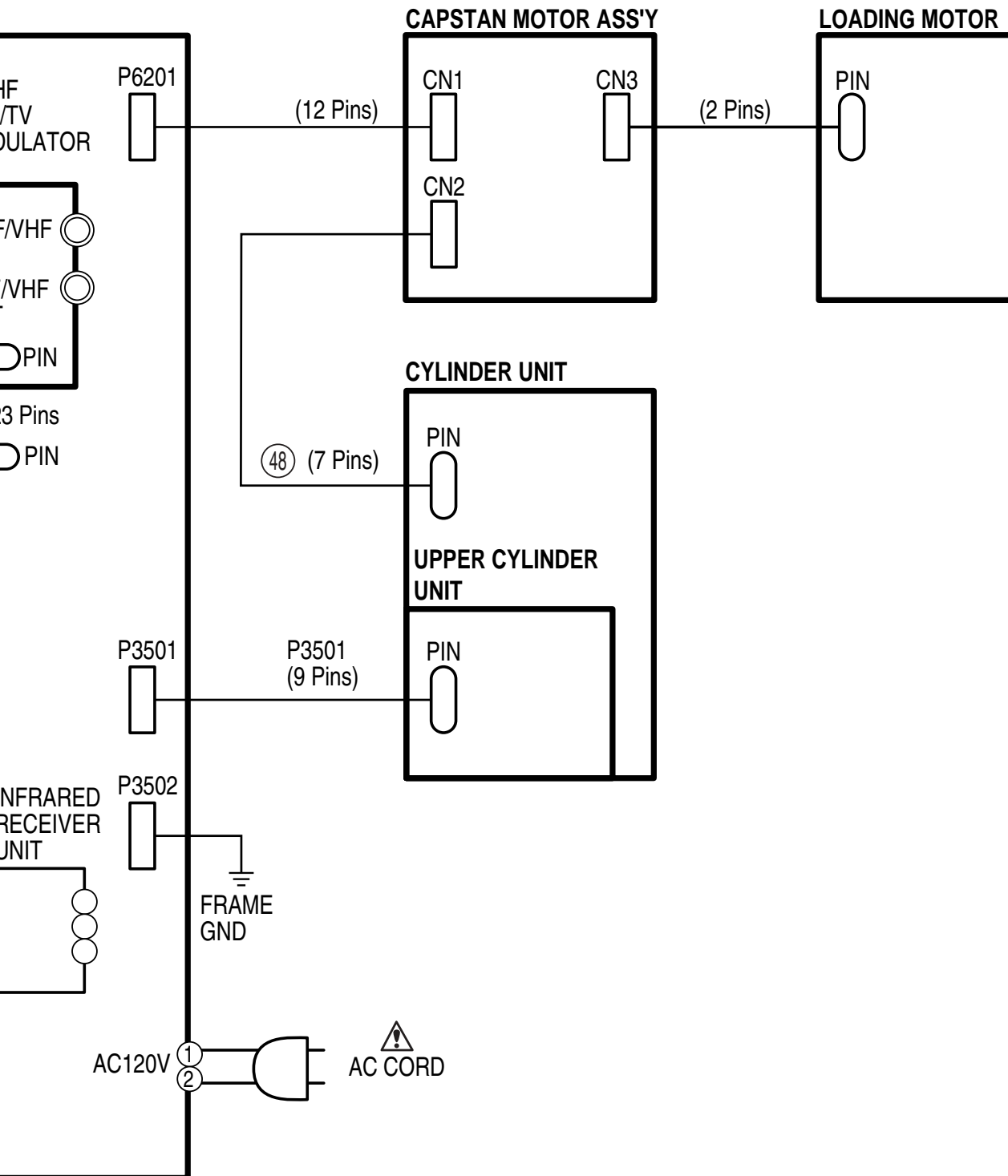


IMPORTANT SAFETY NOTICE:  
COMPONENTS IDENTIFIED BY THE SIGN  HAVE  
SPECIAL CHARACTERISTICS IMPORTANT FOR SAFETY.  
WHEN REPLACING ANY OF THESE COMPONENTS,  
USE ONLY THE SPECIFIED PARTS.

NOTE:  
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES,  
REFER TO BEGINNING OF SCHEMATIC SECTION.

COMPARISON CHART  
OF MODELS & MARKS

MODEL	MARK
PV-452-K	A
PV-V4622-K	B
PV-V4662-K	C
Not Used	PT



PV-452-K/PV-V4622-K/PV-V4662-K  
INTERCONNECTION SCHEMATIC DIAGRAM