

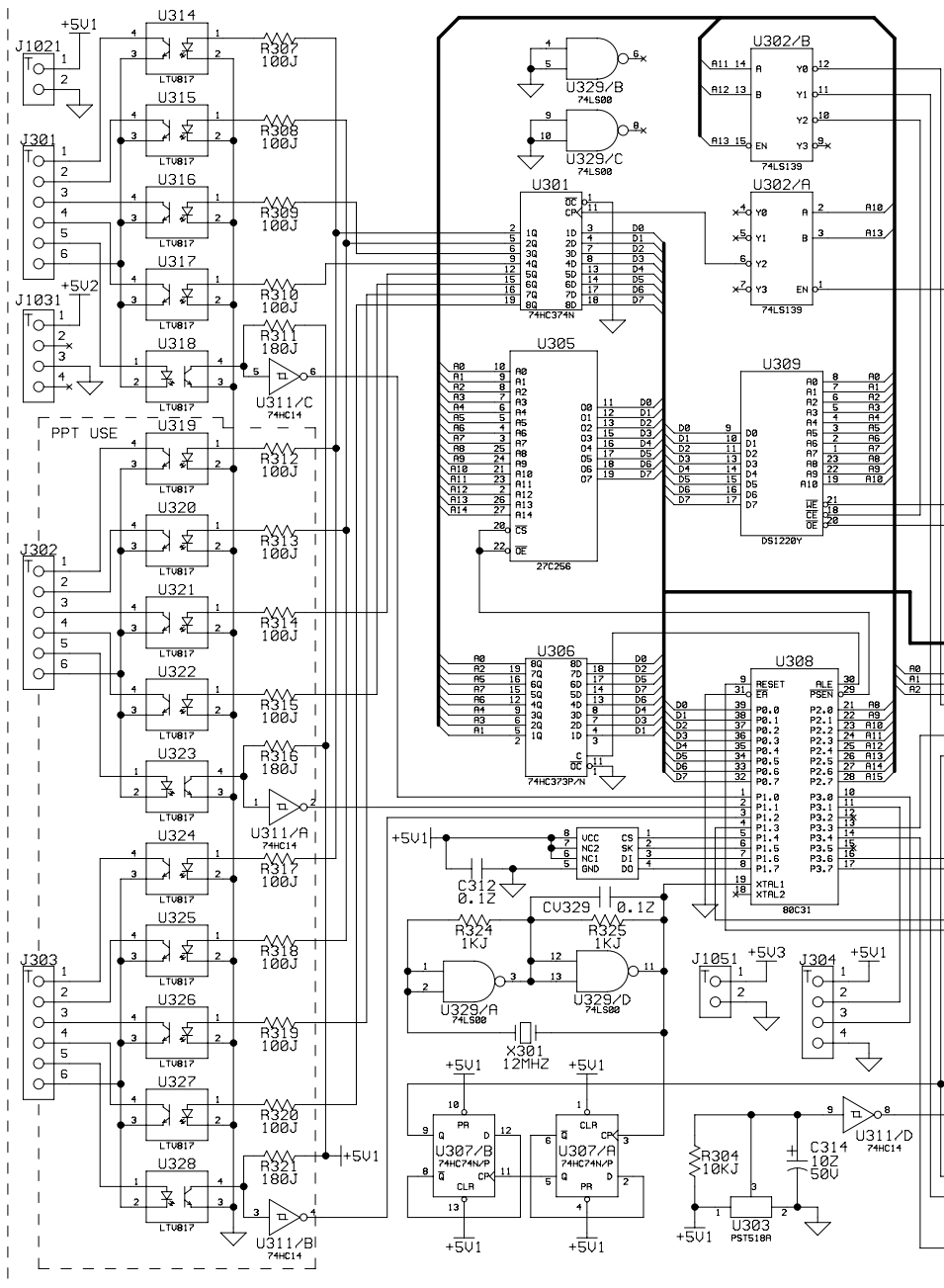
線 路 圖

適用機種 PPS / PPT SERIES

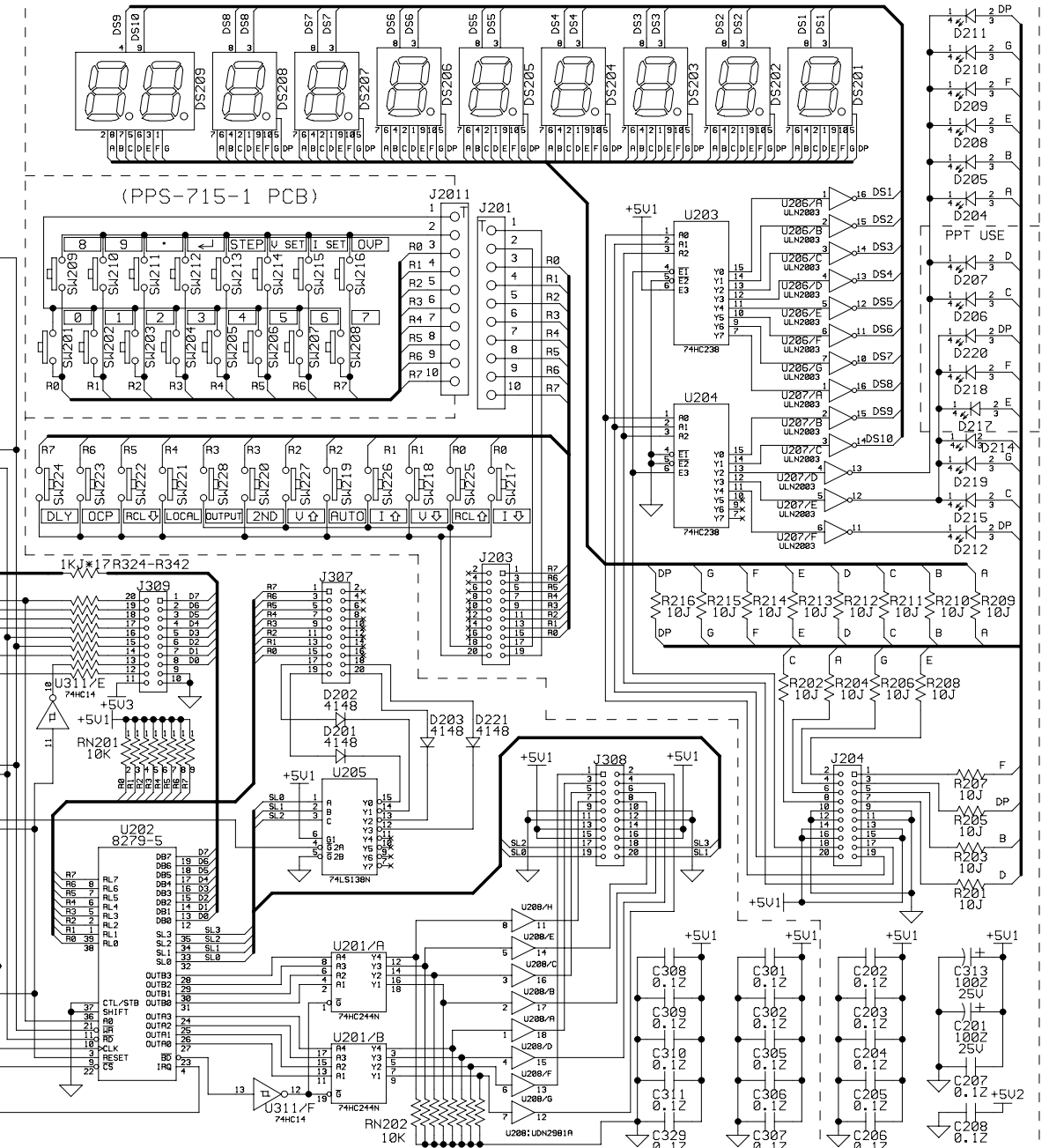
總頁數 共 10 頁

版本	發 行 / 變 更 說 明	ECR NO.	修訂日期
0	重新REVIEW 為ISO 標準格式		82/9/20
A	PPS: 加載OSC解決 ; PPT:變更C523 / C623	PE-BR-3050 PE-BR-3007	83/5/18 83/1/18
B	PPT: 加載OSC	PE-BR-3050	83/5/18
C	配合CE修改, 重新出圖	PE-BR-4396	84/12
D	BOM和線路圖差異頗大予以修正		85/9/13
E	增加R326~342 1K $\Omega$ 電阻 D417~421由4148改成1N4004 增加C437 1000pK/50V電容 增加Q402~403 , Q413 TR 2SA1346 增加Q401 & Q414, TR 2SC3402 增加R568~569 20R , R668~669 20R , C537 & C638 10u/50V R511 & R611 由 3.83K=>3.65KF , R510 & R610 由5.11KF=>4.99K	PE-M-4246 PE-BR-4341 PE-BR-6213 98084 PE-BR-5275 PE-BR-6155	87/8/8
F	R430 & R530 & R630由1.5K=>10K VR501 & VR601 由200RB=>500RB 增加C439 & C539 & C639 4700pF/50V電容 增加排阻RN202 10K	PE-BR-7438 PE-BR-8102	88/9/7
G	重新REVIEW		91/11/19
H	改善並聯電流輸出值偏低問題PPT-3615 R535 10M=>6.8M 改善CH3小電壓偏壓負問題R424 10M=>6.8M 使訊號延遲時間縮小R406 & R506 & R606 100R=>220R 更換PPS-5-1/PPT-8-1 & PPS-5-3/PPT-8-3 & PPT-8-5 ~ PPT-8-8	530020 830024 8C0026 09022	98/3/20

(PPS-714-2 PCB)



(PPS-714-1 PCB)



+5V1 (U201, U202, U203, U204, U205, U206, U207, U301, U302, U305, U306, U307, U308, U309, U310, U311, U312) PS: C202-208/301-302/305-312/329  
+5V2 (U208)

VOLTAGE VOLUME 50V

NOTE: 1. MODIFY HC04 (U311) TO HC14  
2. MODIFY HC00 (U329) TO LS00

1. \* ADJUSTED IN FACTORY.

2. CIRCUIT ARE SUBJECT TO CHANGE WITHOUT NOTICE FOR FUTHER IMPROVEMENT.

3. RESISTANCE VALUES IN 0.25 WATT AND CAPACITANCE IN UF UNLESS OTHERWISE SPECIFIED.

DRAWN BY

CHECKED BY

APPROVED BY

MODEL NO

PPS/PPT SERIES

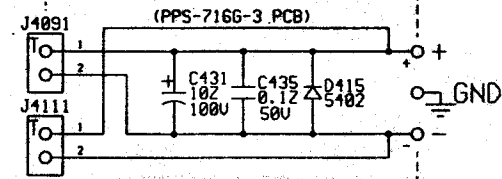
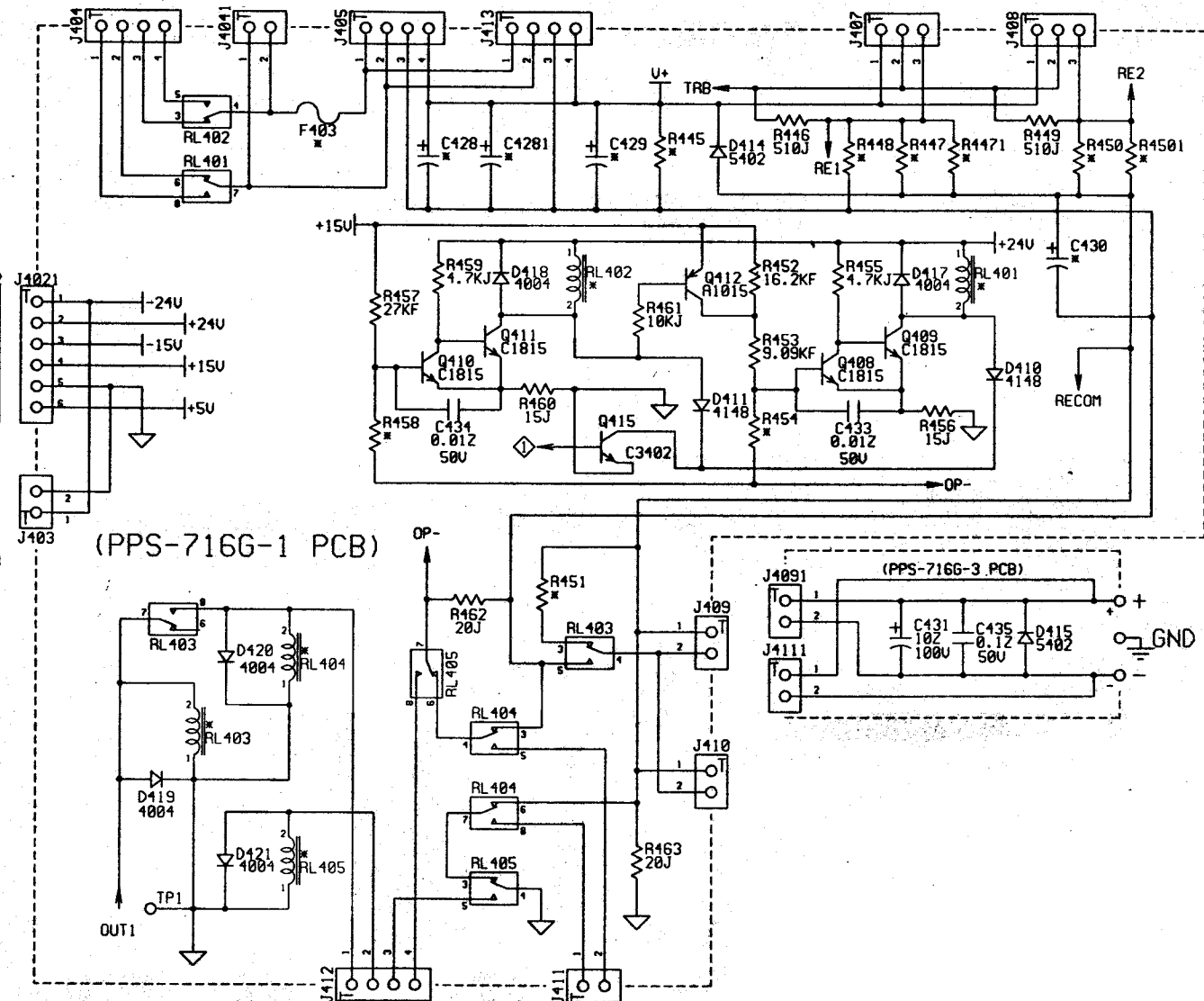
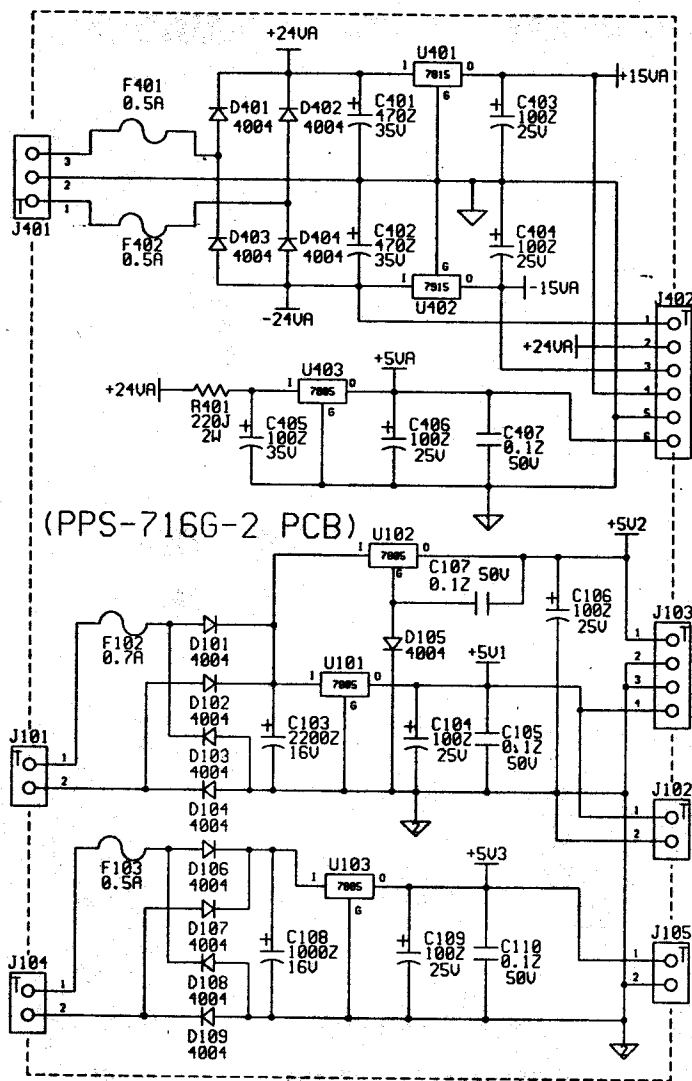
DESCRIPTION

CPU CONTROL (GW)

DRAWING NO

PPS-5-1/PPT-8-1

MODEL	PART	F403	C428 & C429	C4281	C430	R445 & R448	R447 & R450	R4471&R4501	R451	R458	R451	J401	J4011	J413	RL401-RL402
PPS-1860		12A	50V 6800U	50V 6800U	50V 470U	2W 1.8KJ	5W 0.3RJ	5W 0.3RJ	9KF	18KF	18KJ	8 PIN WAFER		4 PIN WAFER	SRET-103P
PS25116		15A	50V 6800U	50V 6800U	50V 470U	2W 1.8KJ	5W 0.3RJ	5W 0.3RJ	10KF	20KF	18KJ	8 PIN WAFER		4 PIN WAFER	SRET-103P
PPS-3635 (PS25106)		8A	63V 6800U		50V 220U	2W 4.7KJ	5W 0.3RJ		18KF	36KF	39KJ	4 PIN WAFER			SRET-103P
PPS-6020		5A	160V 1500U		100V 100U	2W 10KJ	5W 0.3RJ		30.1KF	60.1KF	62KJ	4 PIN WAFER			SRET-103P
PPT-1830		10A	25V 10000U		25V 330U	2W 1KJ	5W 0.3RJ	5W 0.3RJ	3.01KF	6.04KF	6.2KJ		4 PIN WAFER		
PS25216		10A	25V 10000U		25V 330U	2W 1KJ	5W 0.3RJ	5W 0.3RJ	3.01KF	6.04KF	6.2KJ		4 PIN WAFER		
PPT-3615 (PS25206)		6A	25V 6800U		25V 220U	2W 1KJ	5W 0.3RJ		3.01KF	6.04KF	6.2KJ		2 PIN WAFER		



NOTE:1. 83'4 12 ADD D410 D411 Q415

DRAWN BY

胡  
91.11.20  
淑娟

CHECKED BY

王  
91.11.20  
春忠

APPROVED BY

傅  
91.11.20  
國正

MODEL NO

DESCRIPTION

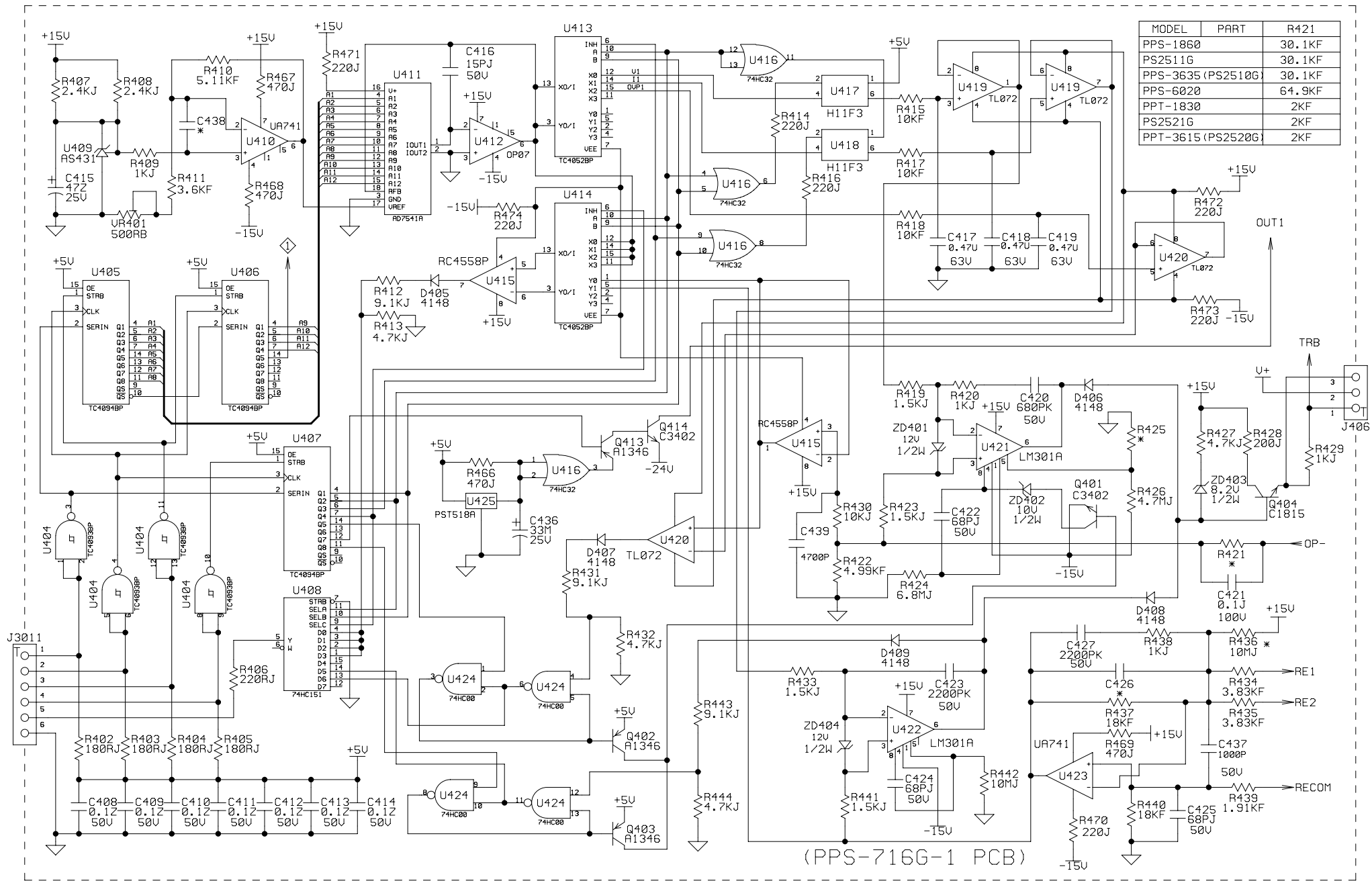
DRAWING NO

PPS/PPT SERIES

POWER&RELAY CONTROL

PPS-5-2/PPT-8-2

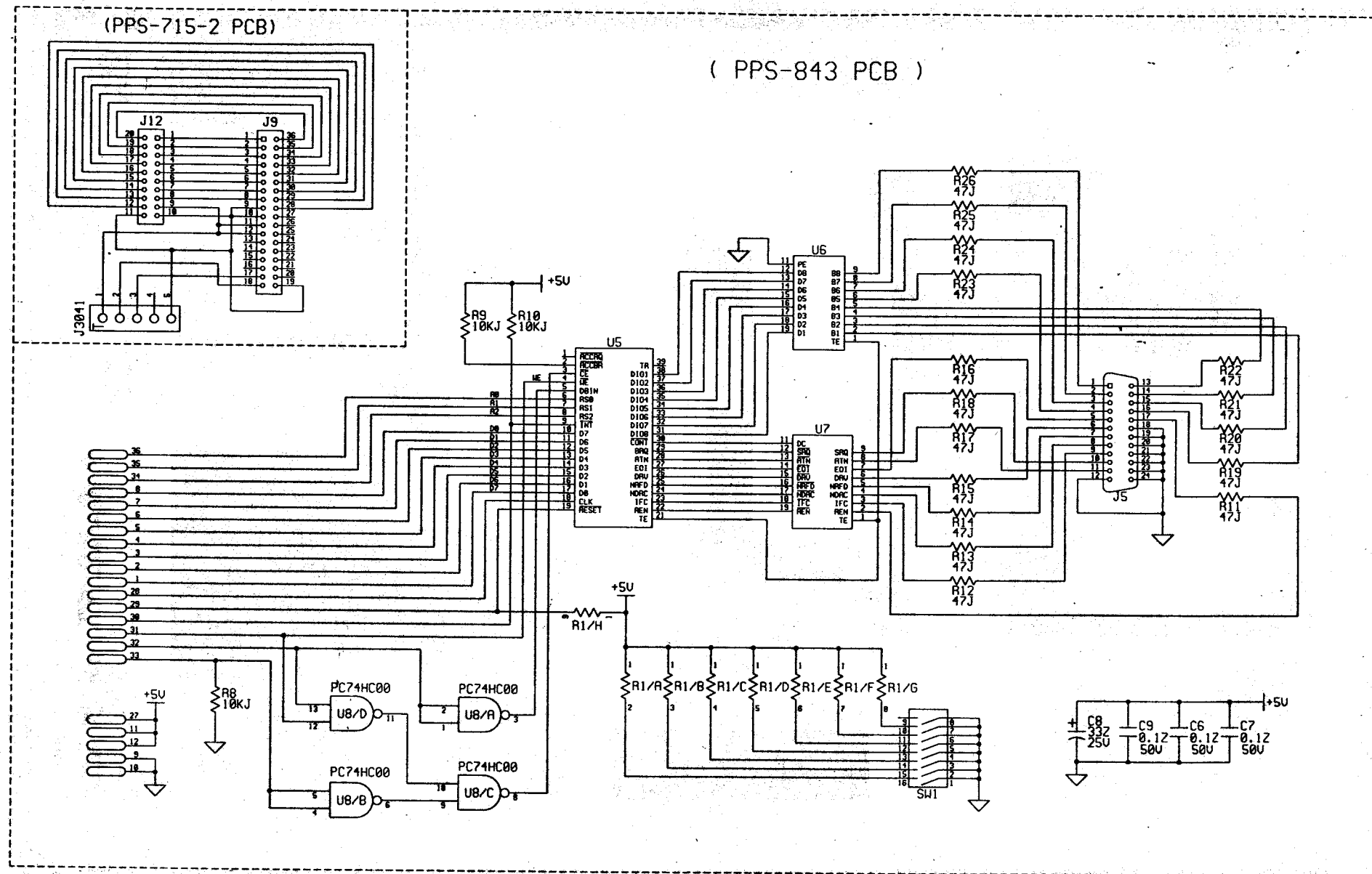
REV: 6



MODEL	PART	R421
PPS-1860		30.1KF
PS2511G		30.1KF
PPS-3635 (PS2510G)		30.1KF
PPS-6020		64.9KF
PPT-1830		2KF
PS2521G		2KF
PPT-3615 (PS2520G)		2KF

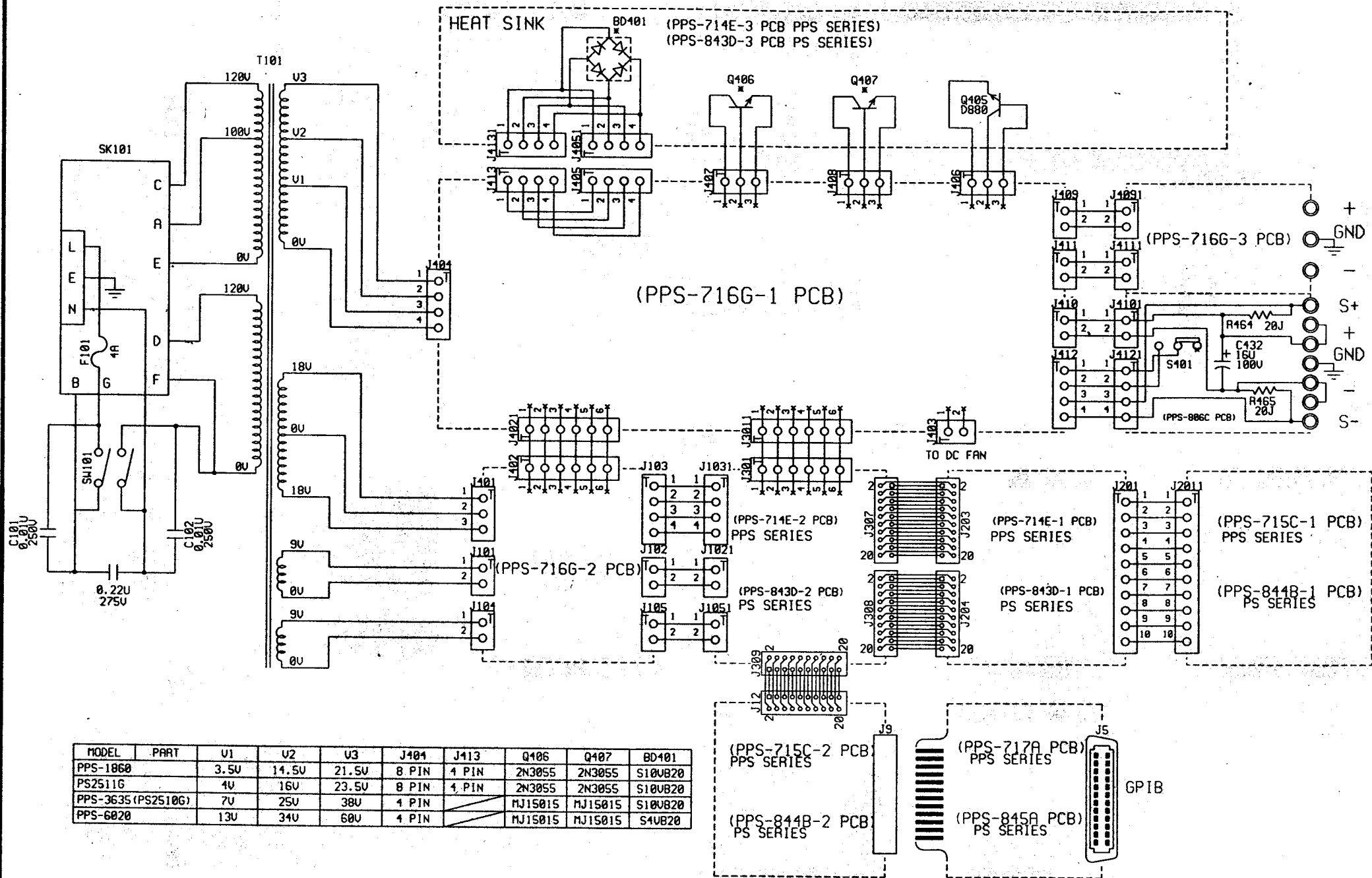
NOTE: 1. 83'4 12 MODIFY U406 PIN 14  
 NOTE: 2. 84'12 14 ADD R474 (FOR CE)

DRAWN BY	CHECKED BY	APPROVED BY	MODEL NO	PPS/PPT SERIES
			DESCRIPTION	MAIN CONTROL
			DRAWING NO	PPS-5-3/PPT-8-3



1. \* ADJUSTED IN FACTORY.
2. CIRCUITRY ARE SUBJECT TO CHANGE WITHOUT NOTICE FOR FUTHER IMPROVEMENT.
3. RESISTANCE VALUES IN 0.25 WATT AND CAPACITANCE IN UF UNLESS OTHERWISE SPECIFIED.

DRAWN BY	CHECKED BY	APPROVED BY	MODEL NO	PPS/PPT SERIES
91.11.20	91.11.20	91.11.20	DESCRIPTION	GP1B INTERFACE
91.11.20	91.11.20	91.11.20	DRAWING NO	PPS-5-4/PPT-8-4
				REV: 6



DRAWN BY

CHECKED BY

APPROVED BY

MODEL NO

PPS SERIES

DESCRIPTION

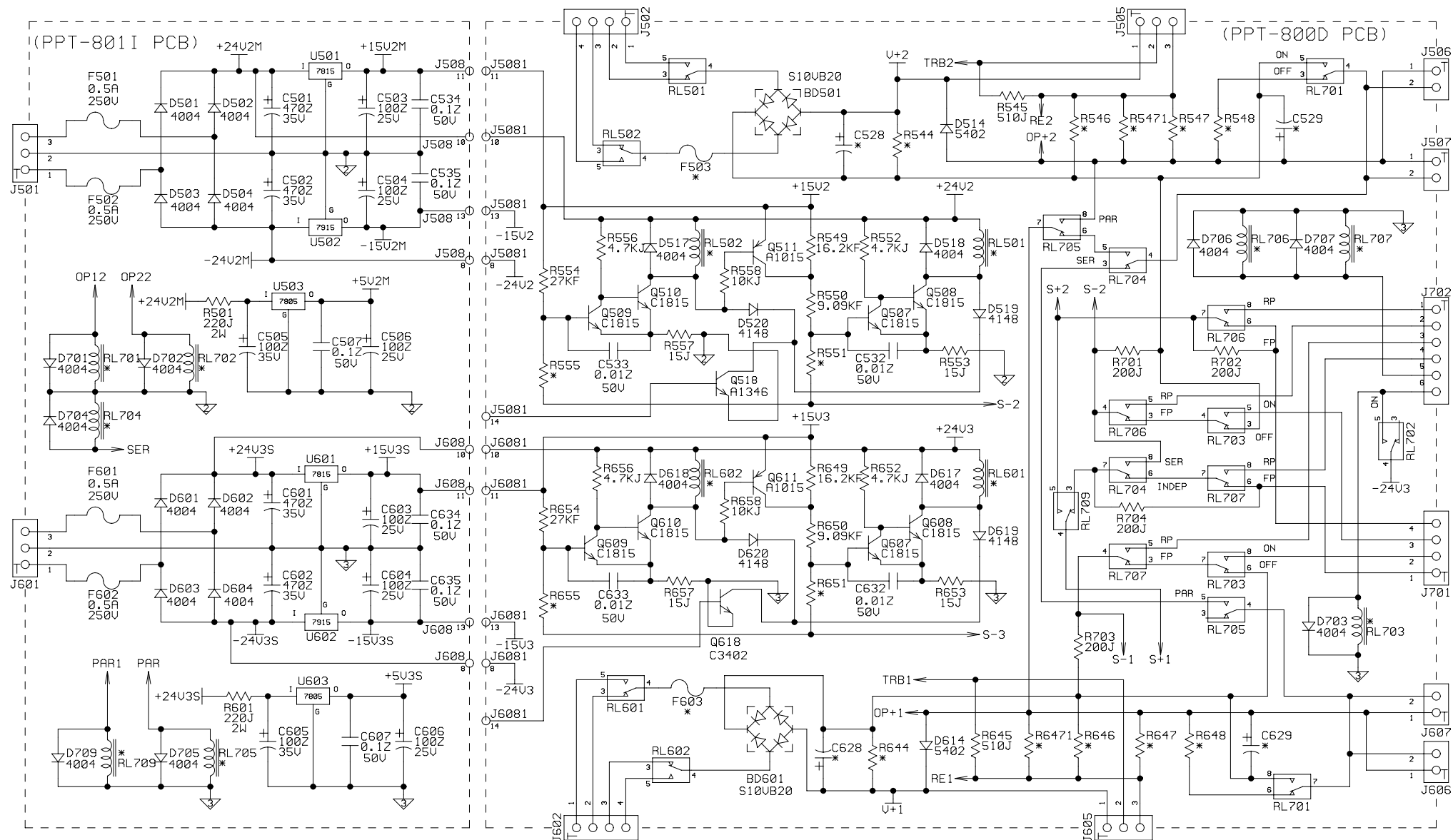
ASS'Y

DRAWING NO

PPS-5-5

REV: 6

MODEL	PART	R544&R546	R644&R646	R547&R647	R5471&R6471	R548&R648	R551&R651	R555&R655	C528&C628	C529&C629	F503&F603
PPT-1830		2W 1.8KJ	2W 1.8KJ	5W 0.3RJ	5W 0.3RJ	20KJ	9KF	18KF	50V 1000U	50V 220U	6A
PS2521G		2W 1.8KJ	2W 1.8KJ	5W 0.3RJ	5W 0.3RJ	20KJ	10KF	20KF	50V 1000U	50V 220U	5A
PPT-3615 (PS2520G)		2W 4.7KJ	2W 4.7KJ	5W 0.3RJ		39KJ	18KF	36KF	63V 4700U	50V 100U	4A



NOTE: 1. 83'4 12 ADD D519 D520 Q518 D619 D620 Q618

1.\* ADJUSTED IN FACTORY.

2.CIRCUIT ARE SUBJECT TO CHANGE WITHOUT NOTICE FOR FUTHER IMPROVEMENT.

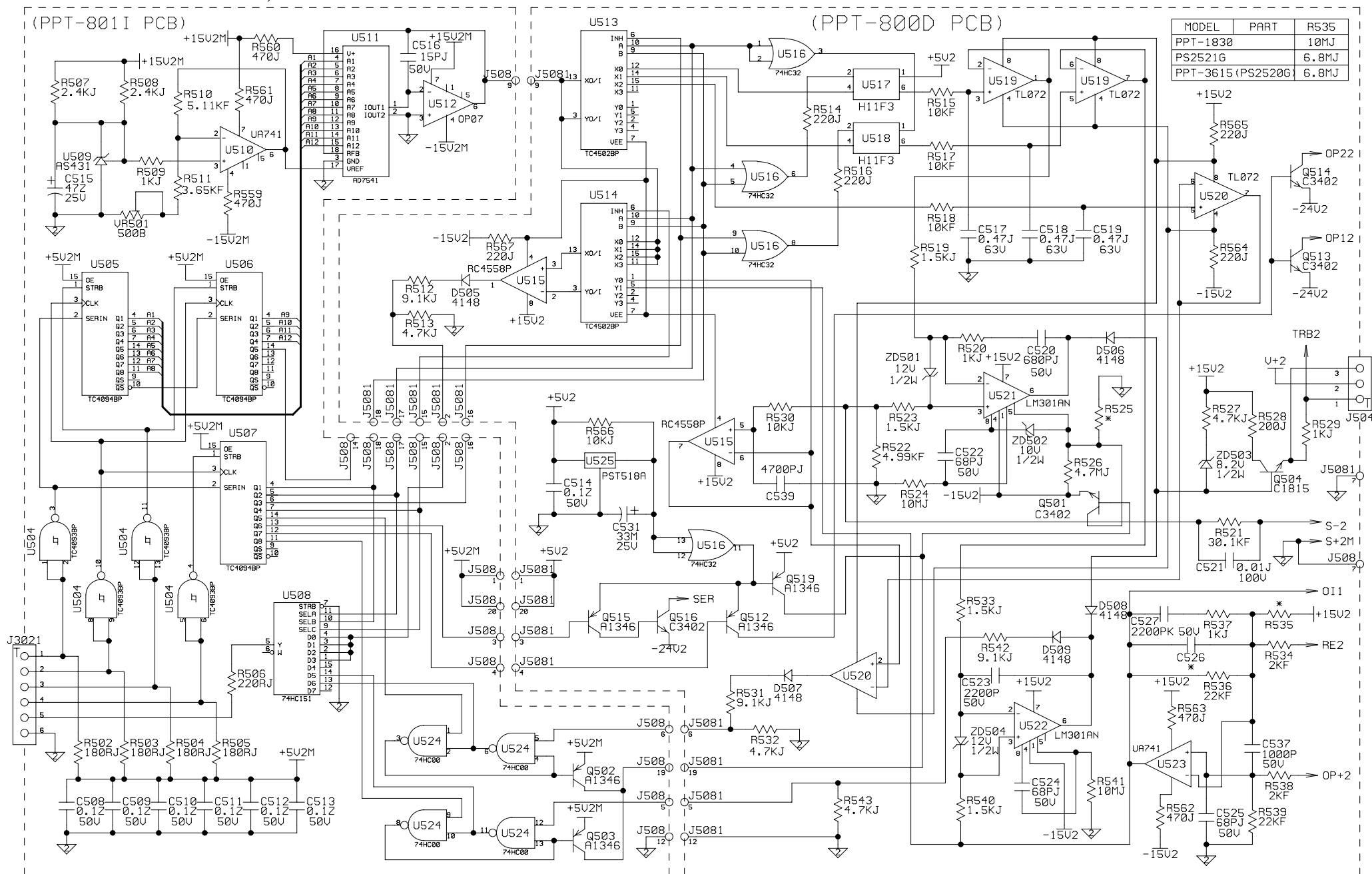
3.RESISTANCE VALUES IN 0.25 WATT AND CAPACITANCE IN UF UNLESS OTHERWISE SPECIFIED.

DRAWN BY	CHECKED BY	APPROVED BY	MODEL NO	PPT SERIES
			DESCRIPTION	POWER&RELAY CONTROL
			DRAWING NO	PPT-8-5

R511:5.11KF (GW) ,3.83KF (TEK)

(PPT-8011 PCB)

(PPT-800D PCB)



MODEL	PART	R535
PPT-1830		10MJ
PS25216		6.8MJ
PPT-3615 (PS2520G)		6.8MJ

NOTE: 1. 83'4 12 MODIFY U506 PIN 14 TO J508 PIN14  
 NOTE: 2. 84'12 14 ADD R567 (FOR CE)  
 1.\* ADJUSTED IN FACTORY.  
 2.CIRCUIT ARE SUBJECT TO CHANGE WITHOUT NOTICE FOR FUTHER IMPROVEMENT.  
 3.RESISTANCE VALUES IN 0.25 WATT AND CAPACITANCE IN UF UNLESS OTHERNISE SPECIFIED.

DRAWN BY

CHECKED BY

APPROVED BY

MODEL NO

PPT SERIES

DESCRIPTION

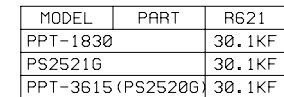
CH1 MAIN CONTROL

DRAWING NO

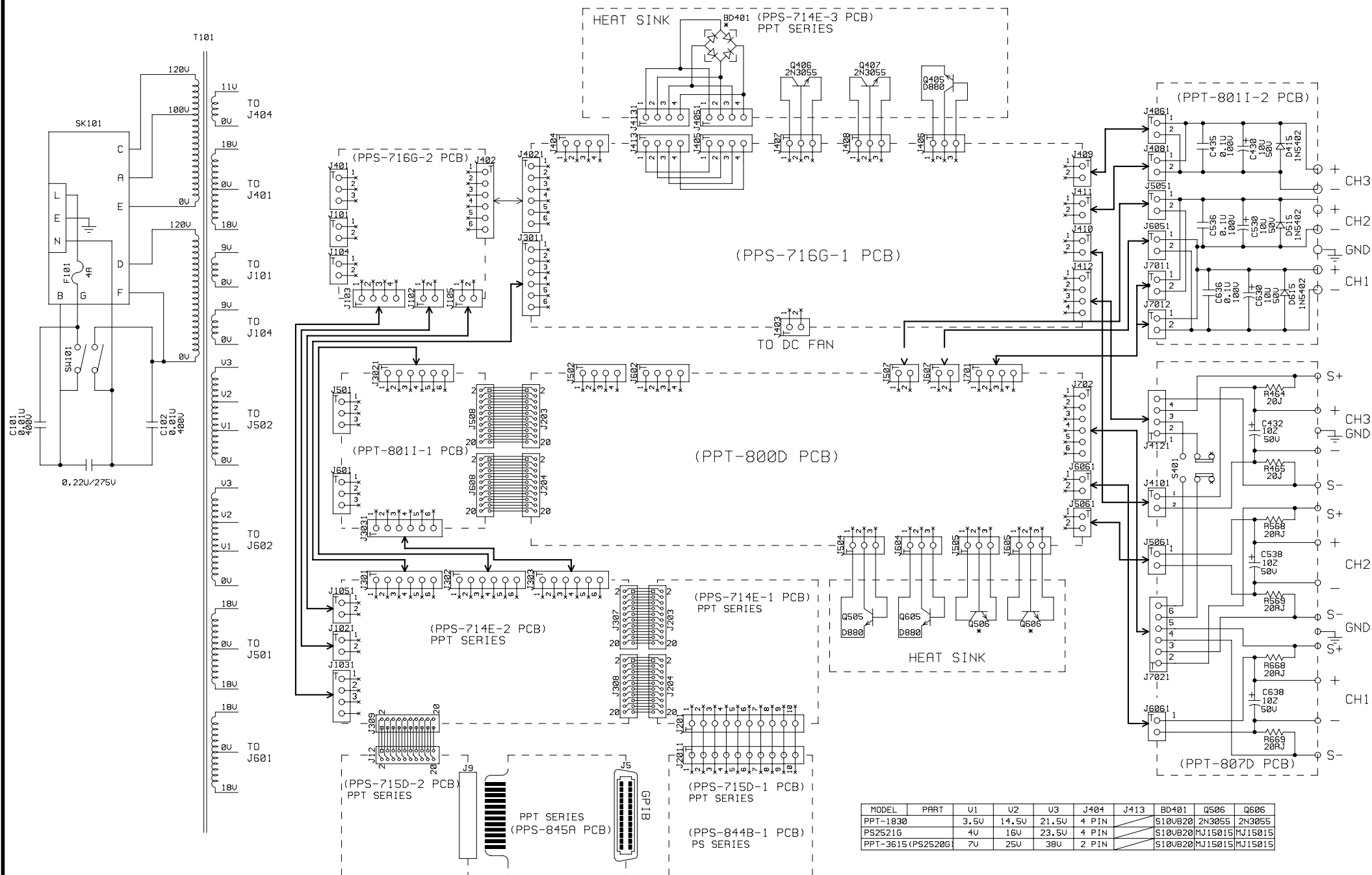
PPT-8-6



1 (PPT-801 I PCB)



PPT-8-7



DRAWN BY

CHECKED BY

APPROVED BY

MODEL NO

PPT SERIES

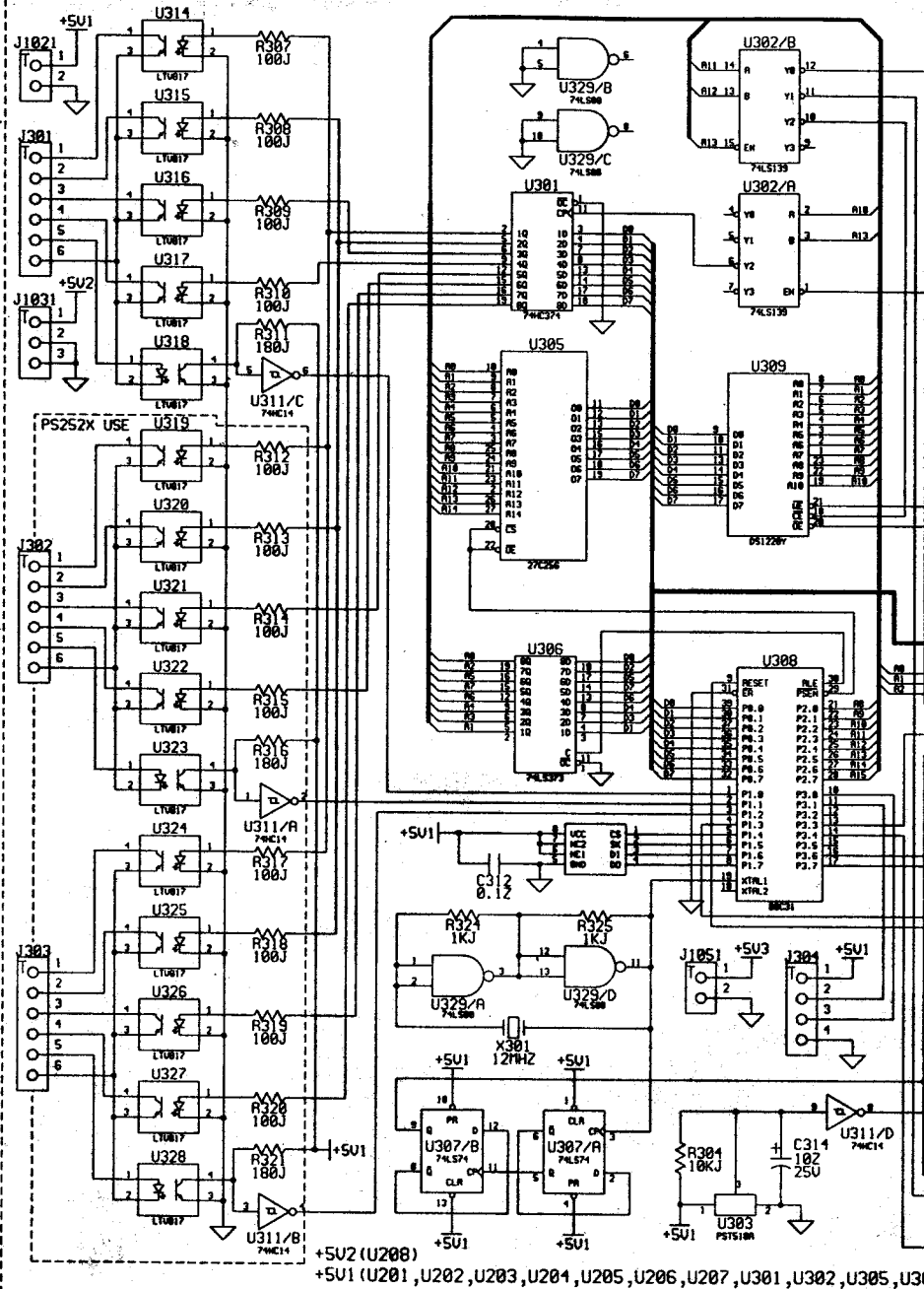
DESCRIPTION

ASS'Y

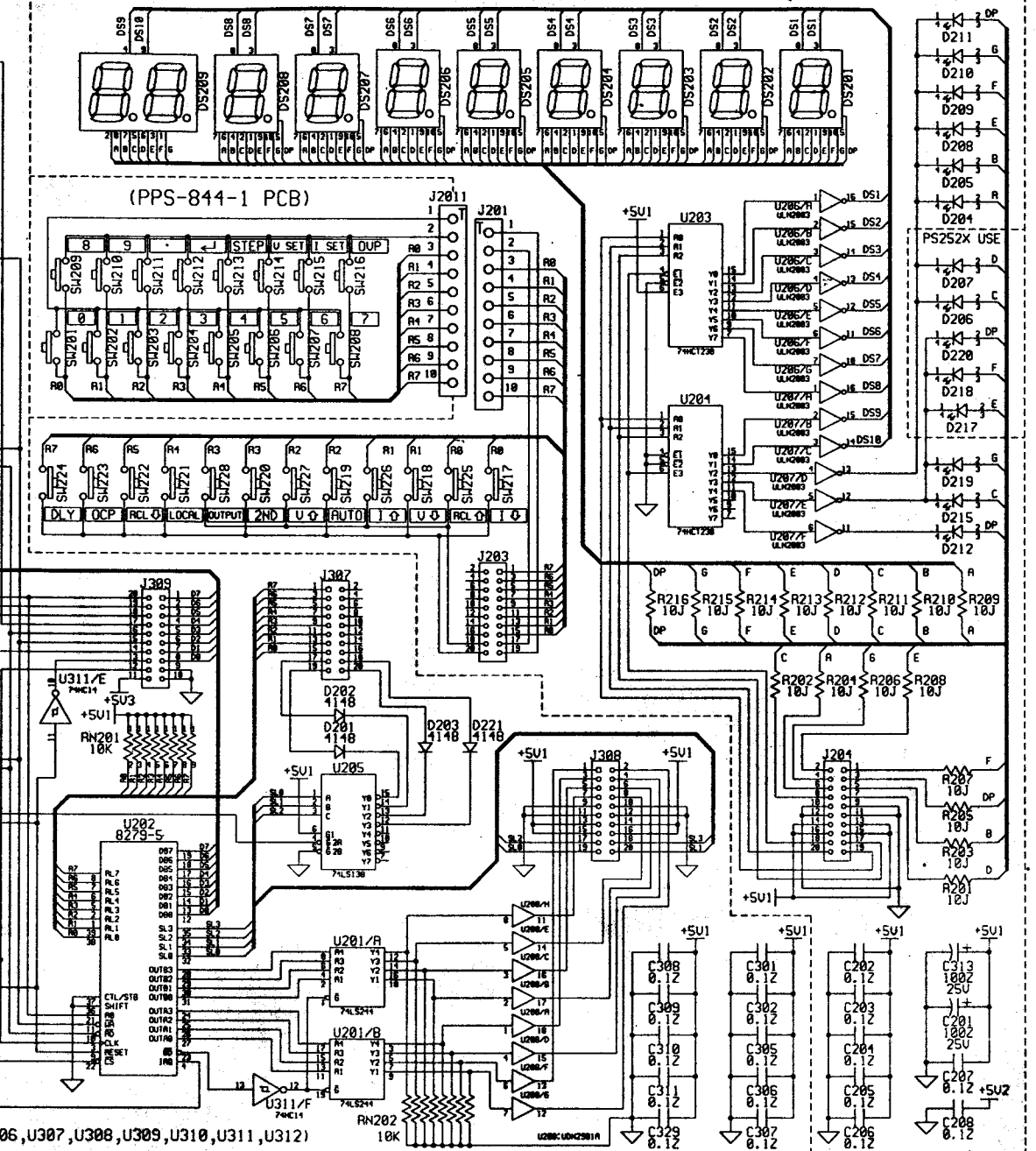
DRAWING NO

PPT-8-8

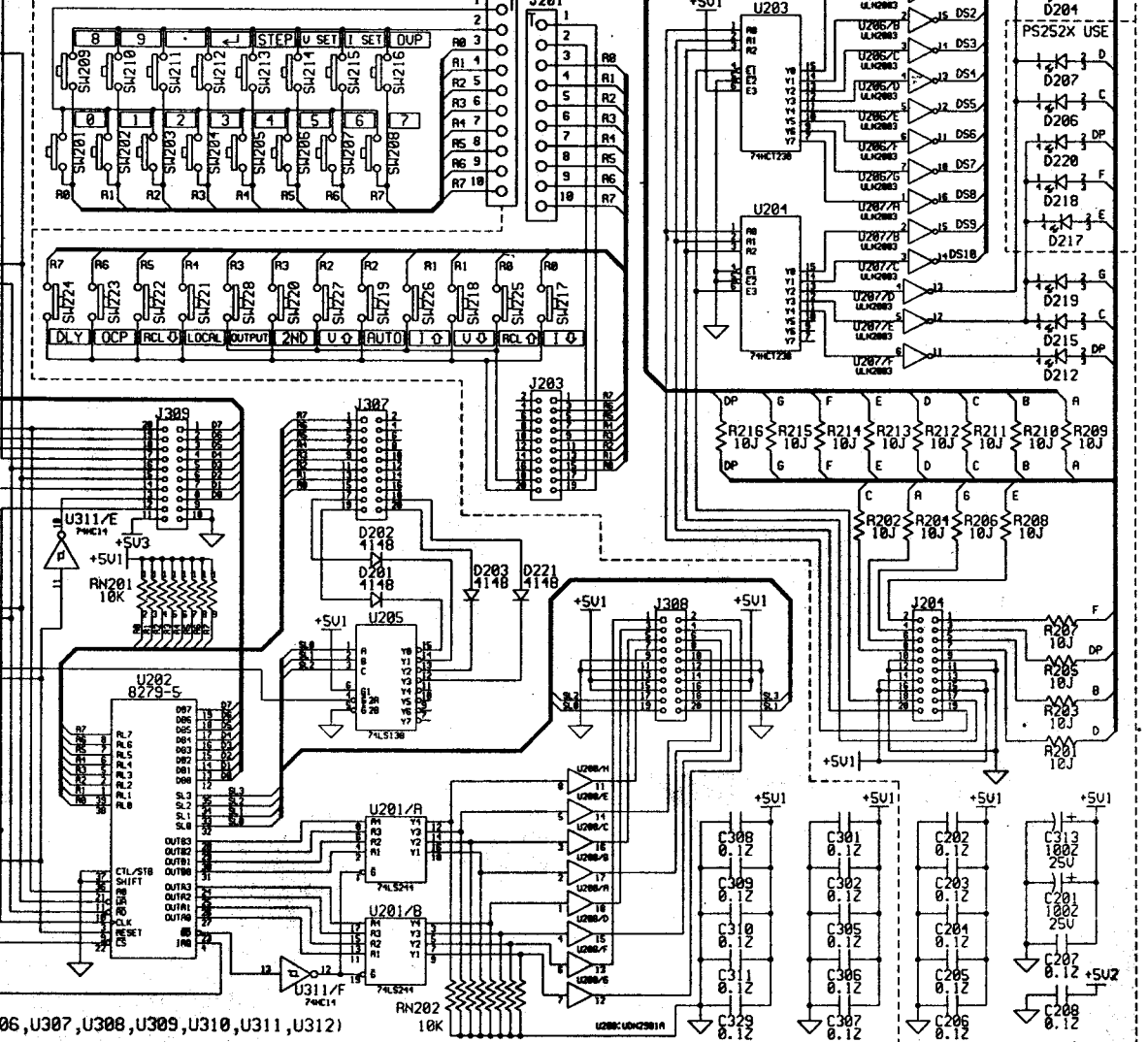
(PPS-843-2 PCB)



(PPS-843-1 PCB)



(PPS-844-1 PCB)



NOTE: 1. MODIFY HC04 (U311) TO HC14  
2. MODIFY HC08 (U329) TO LS08

DRAWN BY

胡  
91.11.20  
张娟

CHECKED BY

王  
91.11.20  
春志

APPROVED BY

周正

MODEL NO

DESCRIPTION

DRAWING NO

PS251X&amp;PS252X SERIES

CPU CONTROL

PS251X-5-1/PS252X-8-1 REV:G