

線 路 圖

適用機種 PPS / PPT SERIES

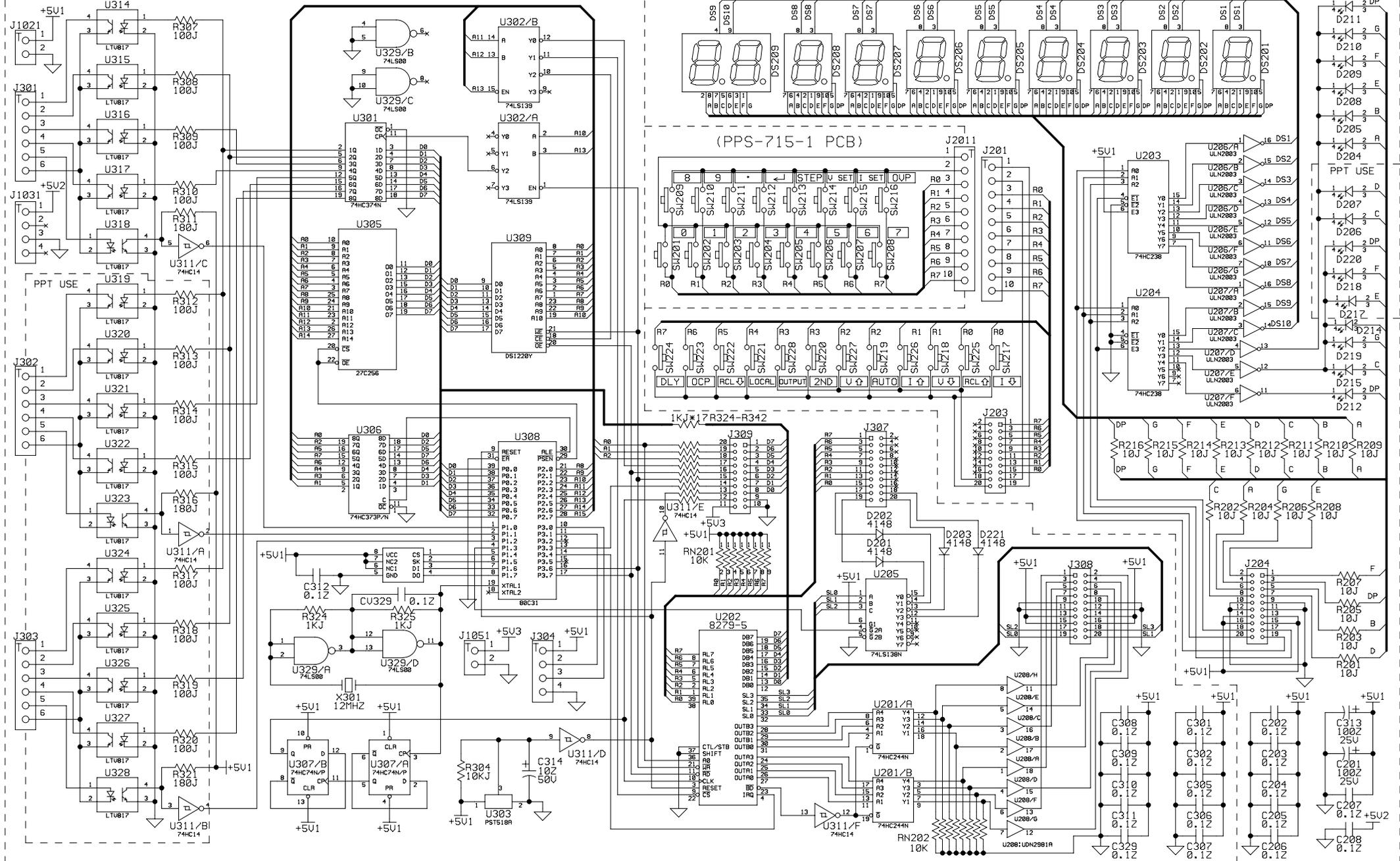
總頁數 共 10 頁

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 1KΩ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)

(PPS-715-1 PCB)

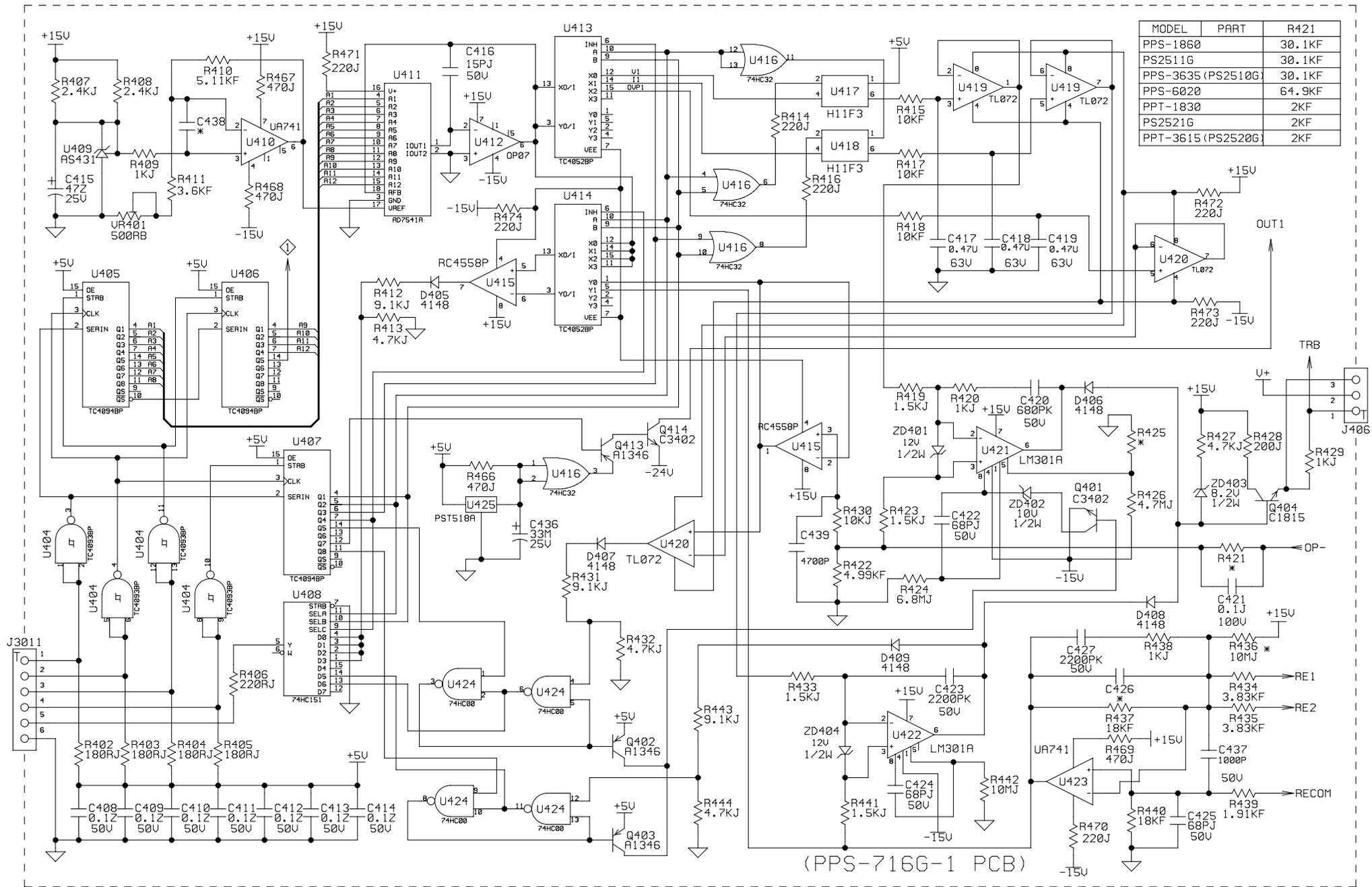


+5V1 (U201, U202, U203, U204, U205, U206, U207, U301, U302, U305, U306, U307, U308, U309, U310, U311, U312) PS: C202-208/301-302/305-312/329
 +5V2 (U208)

VOLTAGE VOLUME 50V

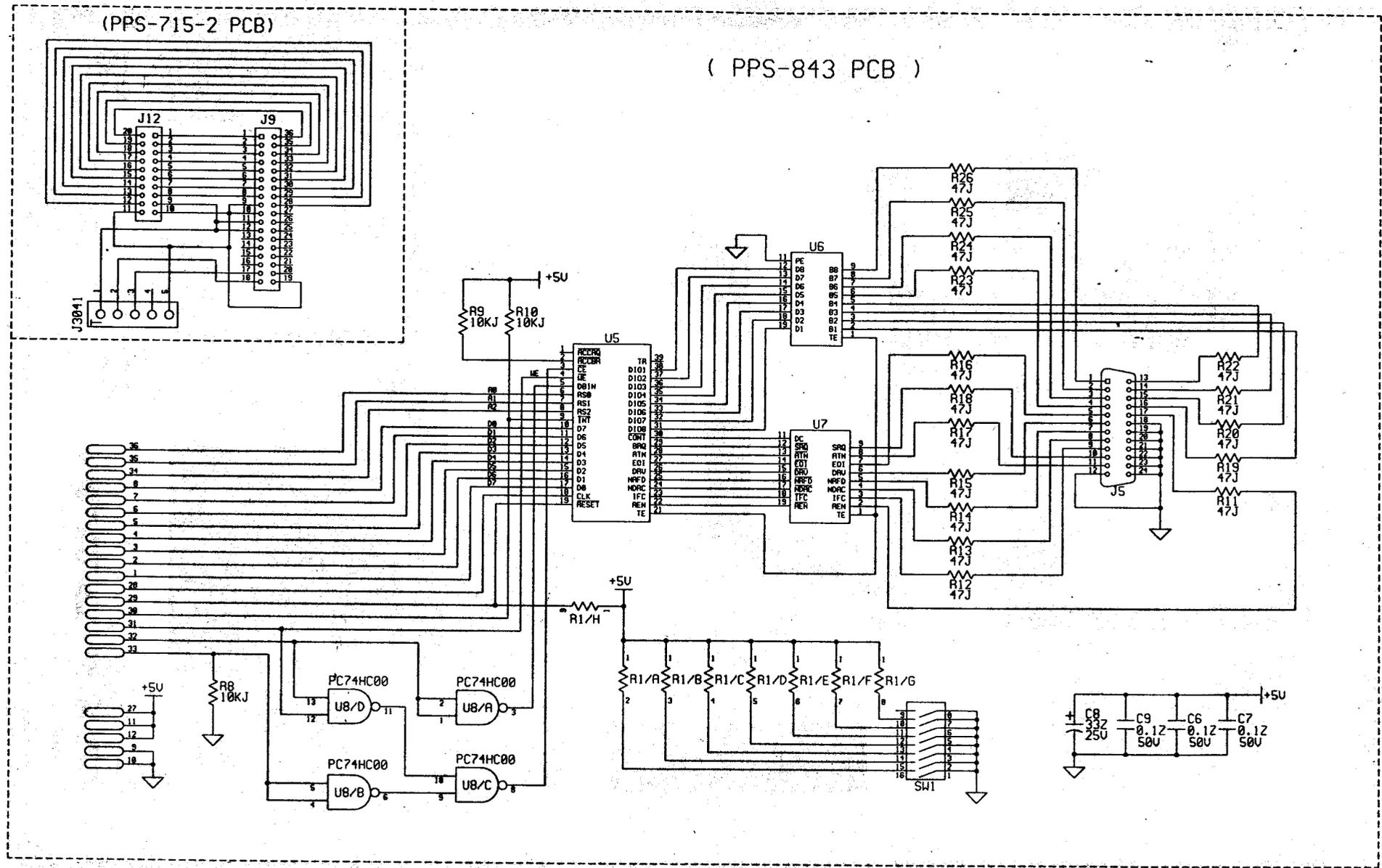
- NOTE: 1. MODIFY HC04 (U311) TO HC14
 2. MODIFY HC00 (U329) TO LS00
 1. * ADJUSTED IN FACTORY.
 2. CIRCUIT ARE SUBJECT TO CHANGE WITHOUT NOTICE FOR FUTHER IMPROVEMENT.
 3. RESISTANCE VALUES IN 0.25 WATT AND CAPACITANCE IN UF UNLESS OTHERWISE SPECIFIED.

DRAWN BY	CHECKED BY	APPROVED BY	MODEL NO	PPS/PPT SERIES
			DESCRIPTION	CPU CONTROL (GW)
			DRAWING NO	PPS-5-1/PPT-8-1



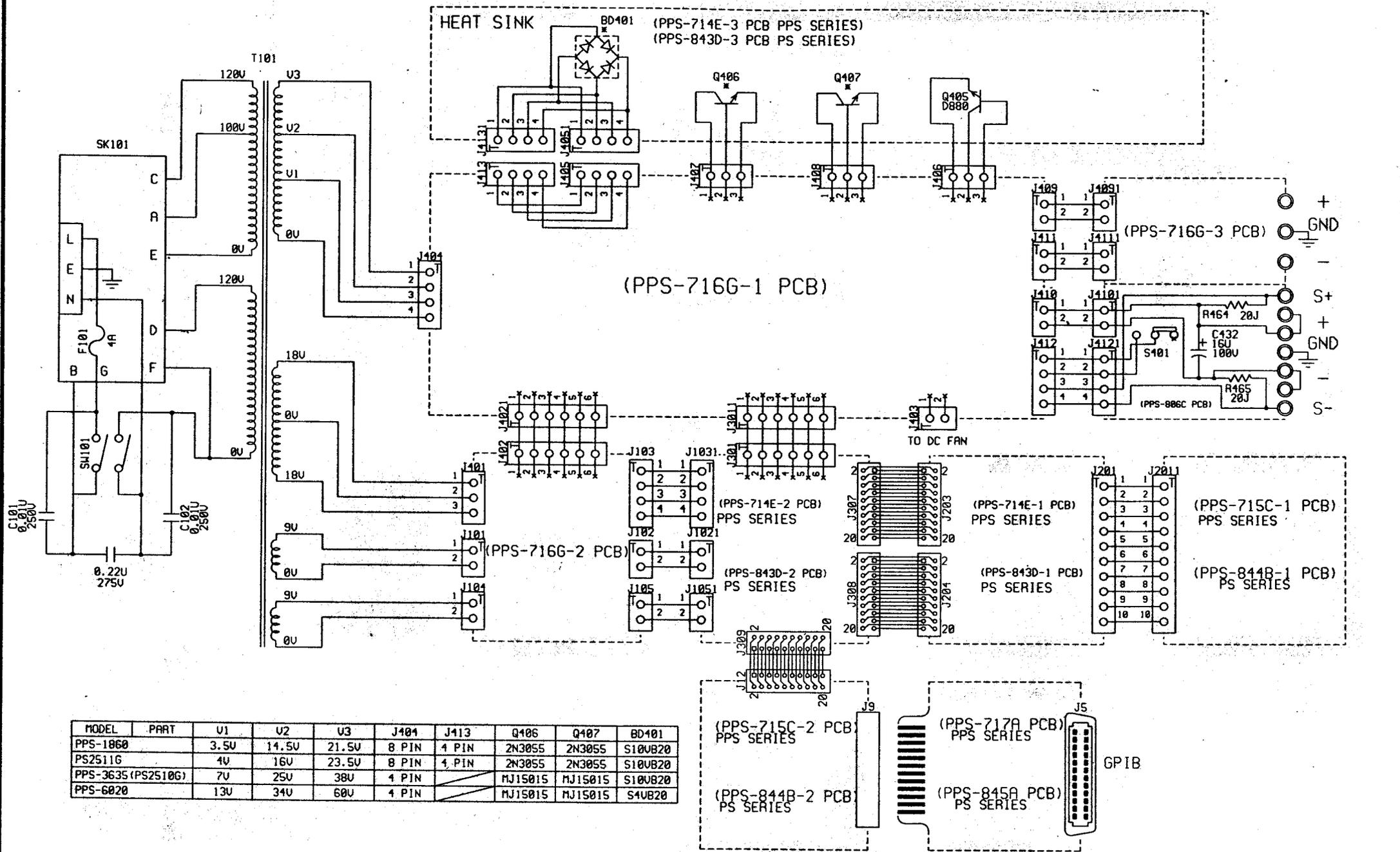
NOTE: 1. 83'4 12 MODIFY U406 PIN 14
 NOTE: 2. 84'12 14 ADD R474 (FOR CE)

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



- * ADJUSTED IN FACTORY.
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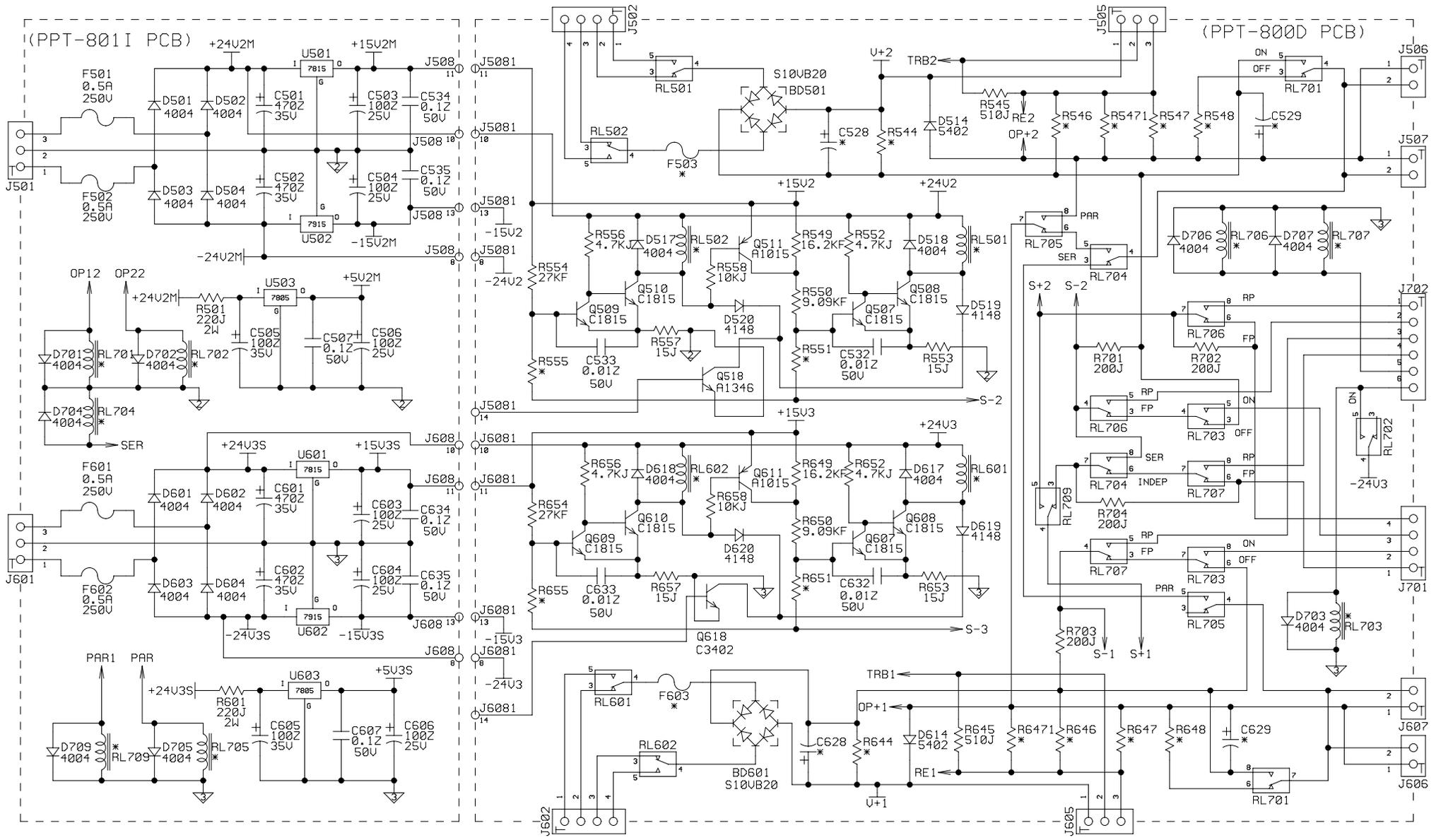
DRAWN BY 柳 91.11.20 淑娟	CHECKED BY 王 91.11.20 春忠	APPROVED BY 傅 91.11.20 國正	MODEL NO PPS/PPT SERIES	PPS-5-4/PPT-8-4
DESCRIPTION GPIB INTERFACE			DRAWING NO	REV: 6



MODEL	PART	V1	V2	V3	J404	J413	Q106	Q107	BD401
PPS-1860		3.5V	14.5V	21.5V	8 PIN	4 PIN	2N3055	2N3055	S10UB20
PS25116		4V	16V	23.5V	8 PIN	4 PIN	2N3055	2N3055	S10UB20
PPS-3635 (PS2510G)		7V	25V	38V	4 PIN		NJ15015	NJ15015	S10UB20
PPS-6020		13V	34V	60V	4 PIN		NJ15015	NJ15015	S4UB20

DRAWN BY	CHECKED BY	APPROVED BY	MODEL NO	PPS SERIES
胡 91.11.20	王 91.11.20		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 10000U	50V 220U	6A
PS2521G		2W 1.8KJ	2W 1.8KJ	5W 0.3RJ	5W 0.3RJ	20KJ	10KF	20KF	50V 10000U	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.
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 3.RESISTANCE VALUES IN 0.25 WATT AND CAPACITANCE IN UF UNLESS OTHERWISE SPECIFIED.

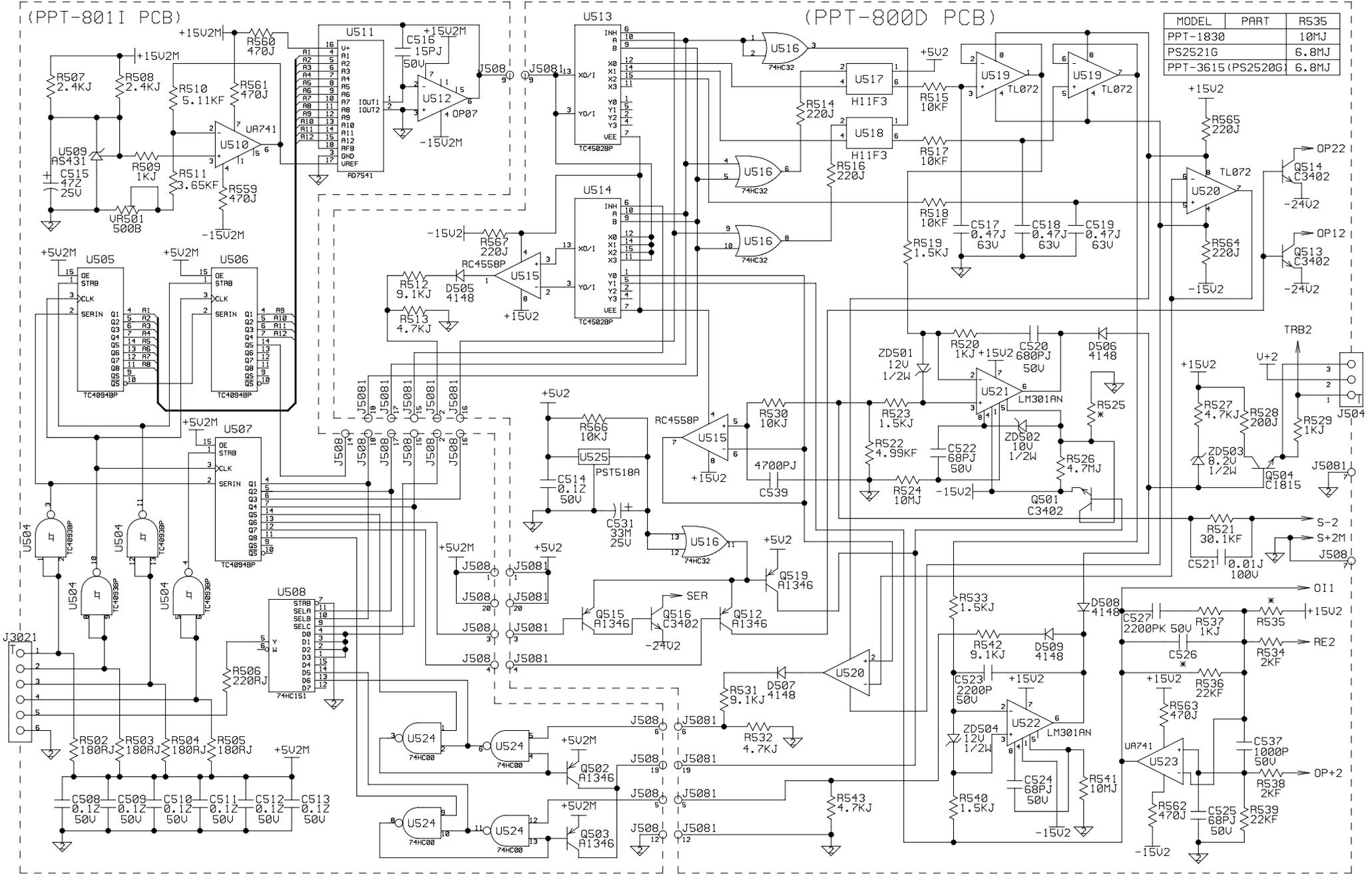
DRAWN BY	CHECKED BY	APPROVED BY	MODEL NO	PPT SERIES
			DESCRIPTION	POWER&RELAY CONTROL
			DRAWING NO	PPT-8-5

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

(PPT-8011 PCB)

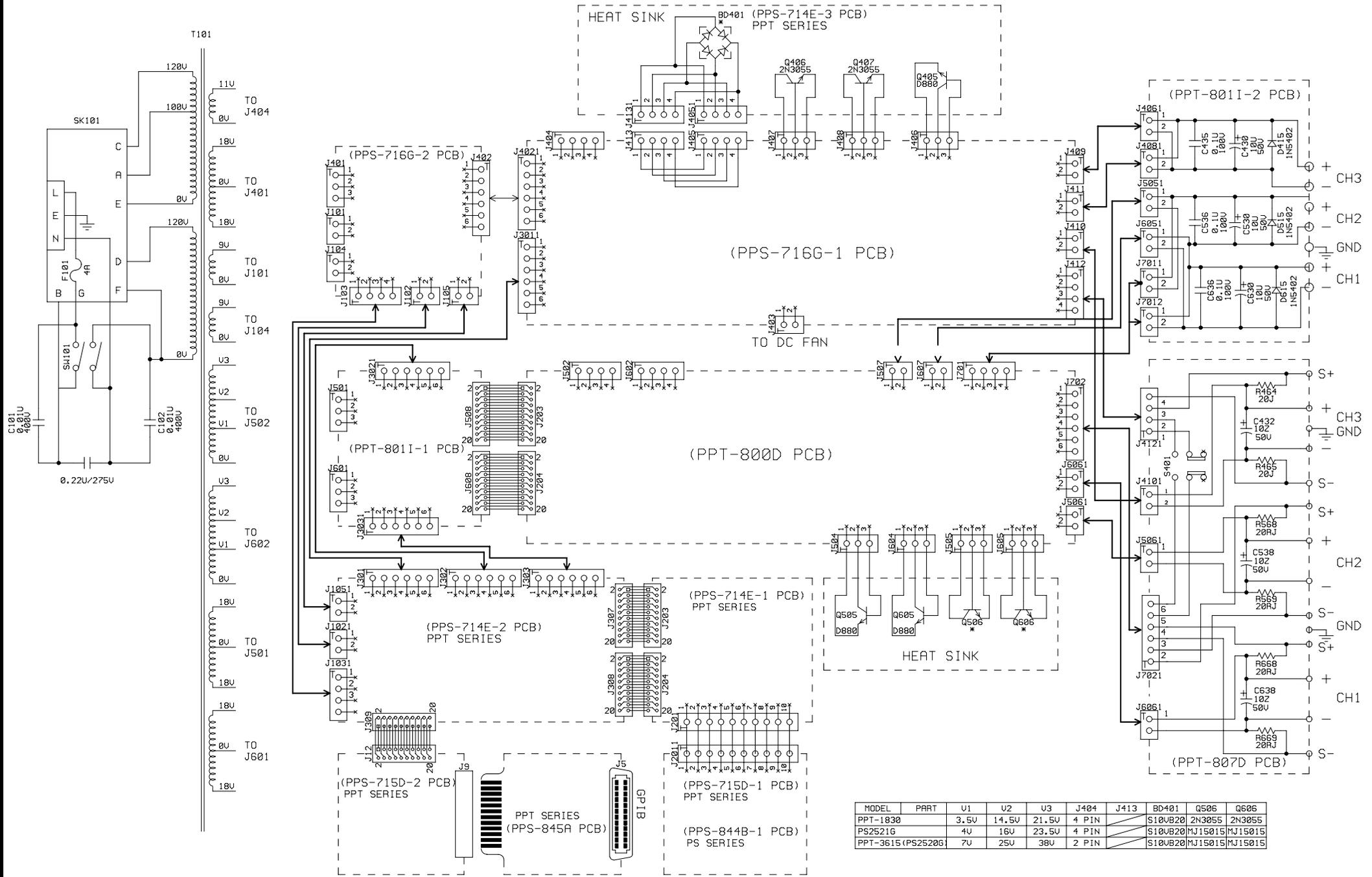
(PPT-800D PCB)

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 OTHERWISE SPECIFIED.

DRAWN BY	CHECKED BY	APPROVED BY	MODEL NO	PPT SERIES
			DESCRIPTION	CH1 MAIN CONTROL
			DRAWING NO	PPT-8-6



- * ADJUSTED IN FACTORY.
- CIRCUIT ARE SUBJECT TO CHANGE WITHOUT NOTICE FOR FUTHER IMPROVEMENT.
- RESISTANCE VALUES IN 0.25 WATT AND CAPACITANCE IN UF UNLESS OTHERWISE SPECIFIED.

MODEL	PART	V1	V2	V3	J404	J413	BD401	Q505	Q605
PPT-1830		3.5V	14.5V	21.5V	4 PIN		S10VB20	2N3055	2N3055
PS2521G		4V	16V	23.5V	4 PIN		S10VB20	MJ15015	MJ15015
PPT-3615 (PS2520G)		7V	25V	38V	2 PIN		S10VB20	MJ15015	MJ15015

DRAWN BY

CHECKED BY

APPROVED BY

MODEL NO

PPT SERIES

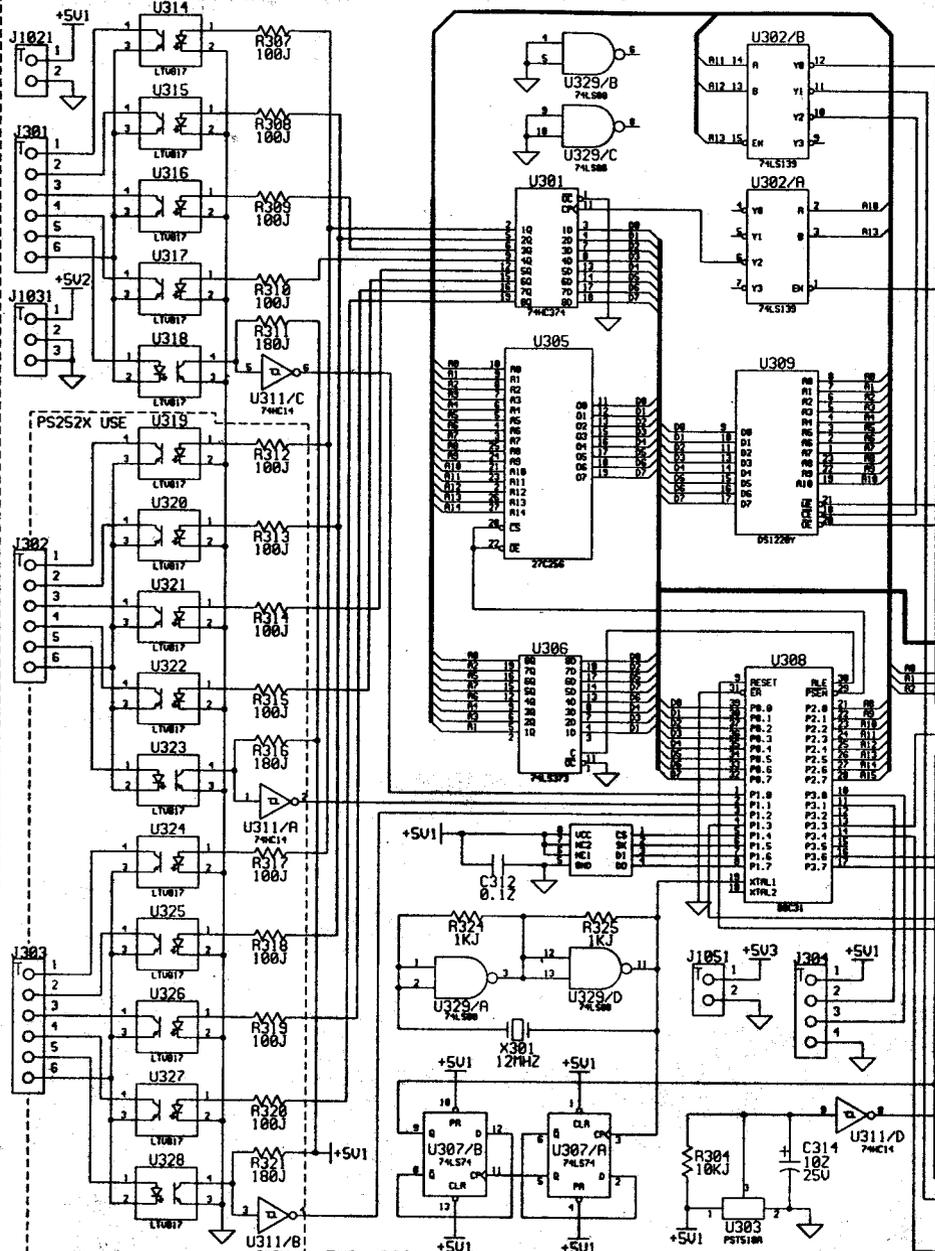
DESCRIPTION

ASS'Y

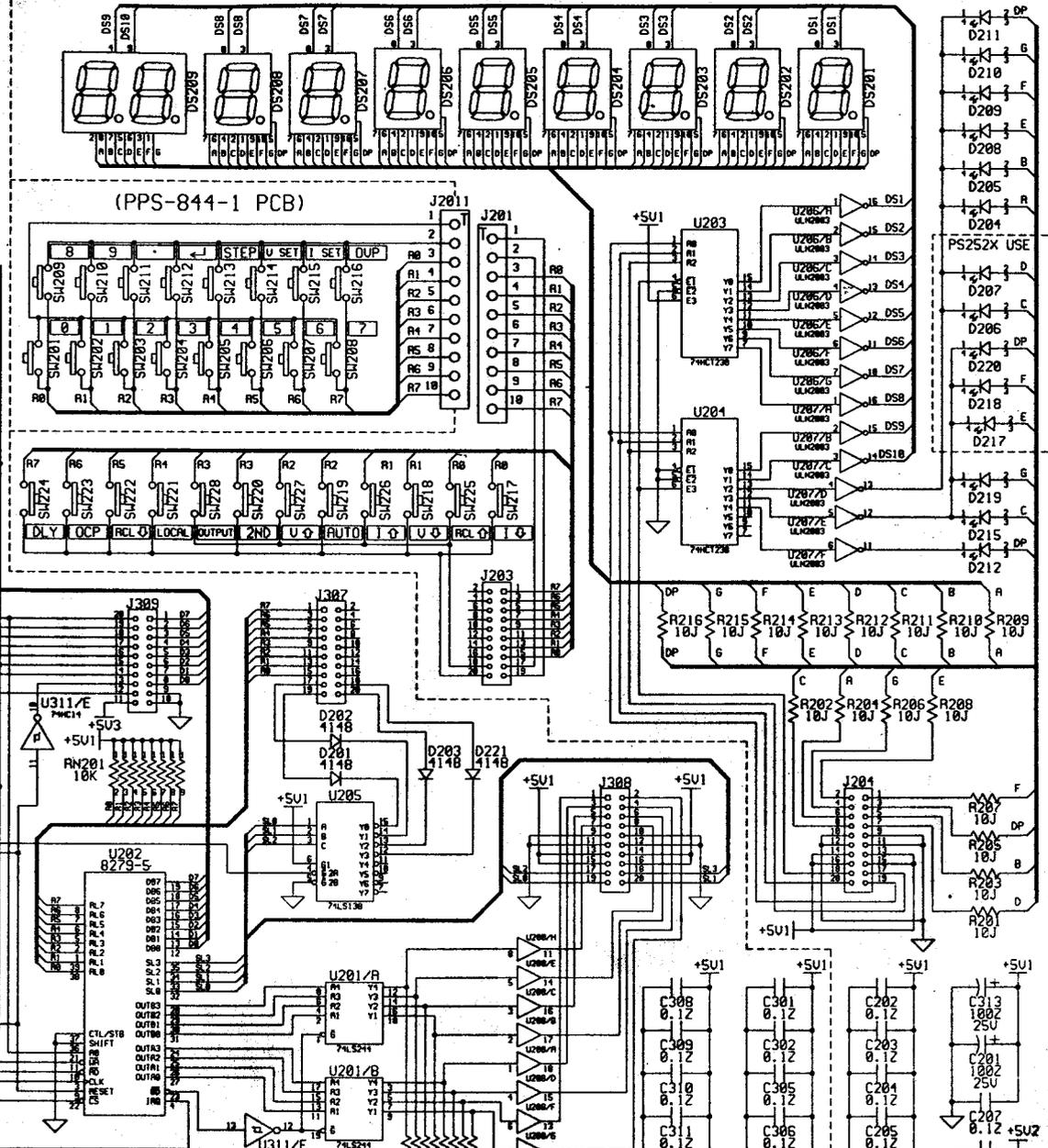
DRAWING NO

PPT-8-8

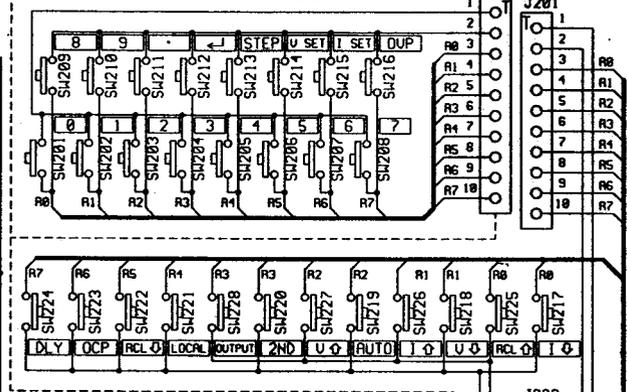
(PPS-843-2 PCB)



(PPS-843-1 PCB)



(PPS-844-1 PCB)



+SU2 (U208)
 +SU1 (U201, U202, U203, U204, U205, U206, U207, U301, U302, U305, U306, U307, U308, U309, U310, U311, U312)

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

DRAWN BY	CHECKED BY	APPROVED BY	MODEL NO	PS251X&PS252X SERIES
胡 91.11.20	王 91.11.20	周正 91.11.20	DESCRIPTION	CPU CONTROL
			DRAWING NO	PS251X-5-1/PS252X-8-1 REV:G