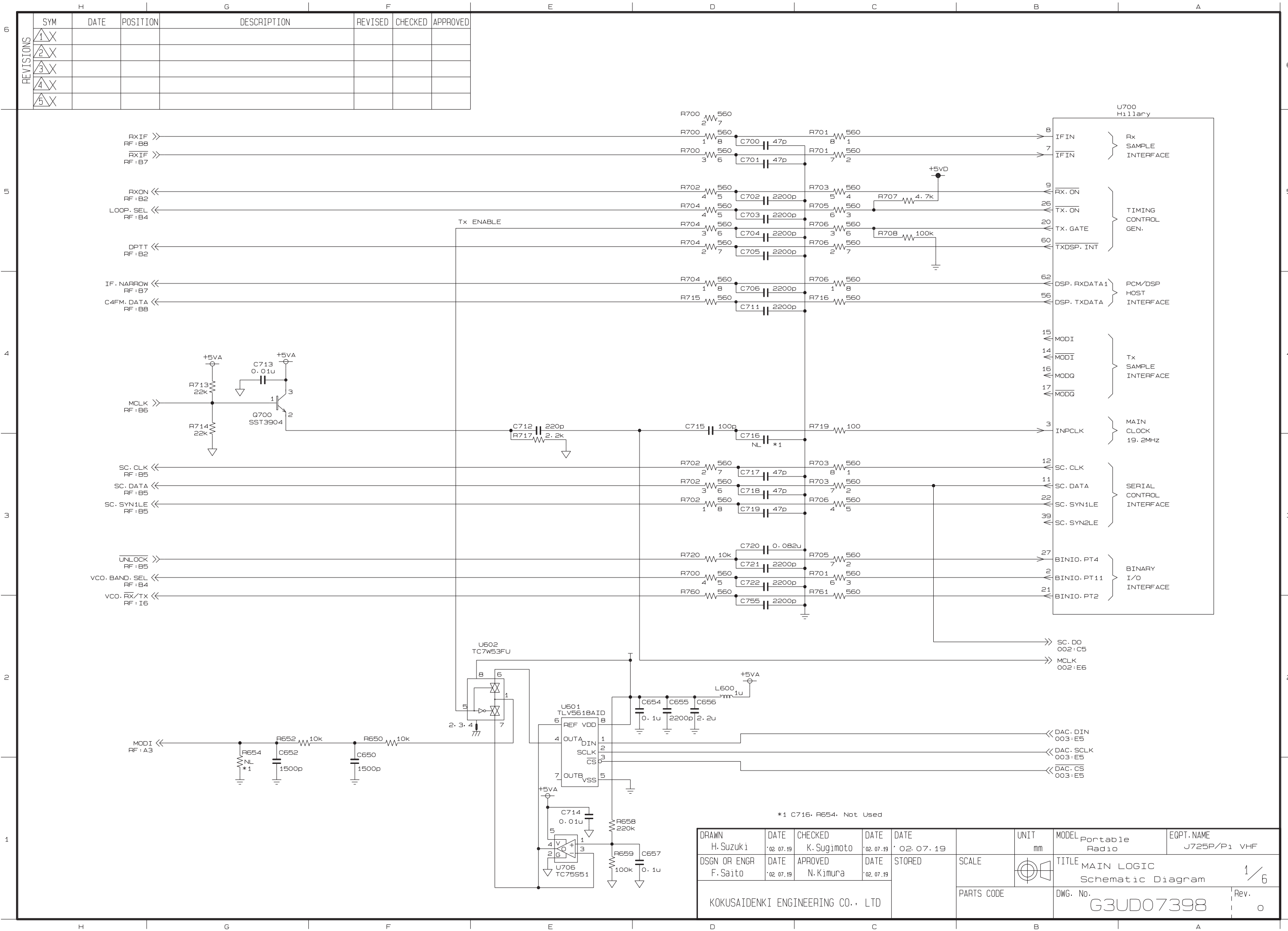


Rhein Tech Laboratories
360 Herndon Parkway
Suite 1400
Herndon, VA 20170
<http://www.rheintech.com>

M/A Com Private Radio Systems, Inc.
Model: P7100(IP) VHF Radio
FCC ID: OWDTR-0013-E
FCC & IC: Part 90 and RSS-119
RTL WO: 2002158

APPENDIX E: SCHEMATICS

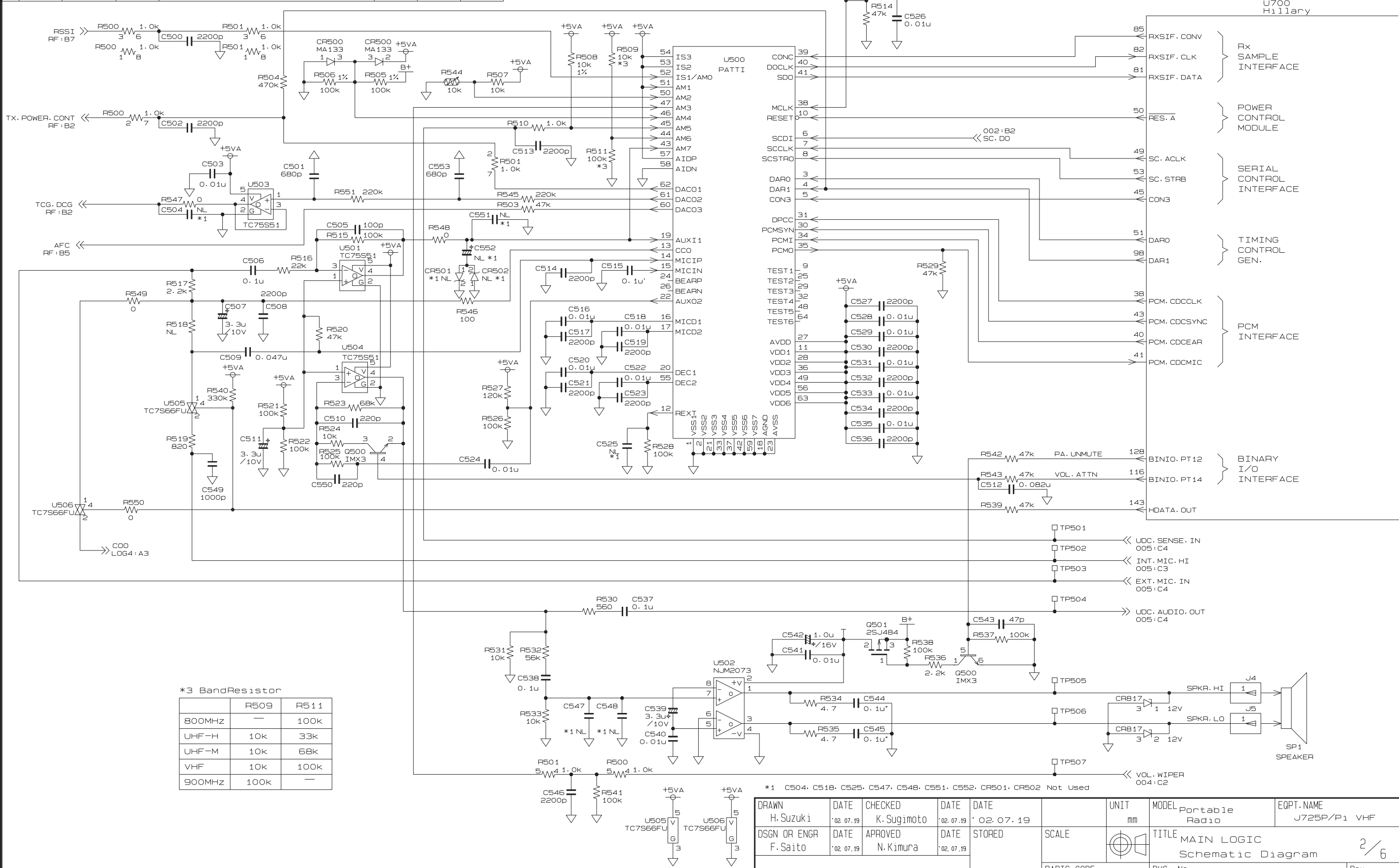
Please refer to the following pages.



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3	X						
4	X						
5	X						

DRAWN H. Suzuki	DATE '02.07.19	CHECKED K. Sugimoto	DATE '02.07.19	DATE '02.07.19	UNIT mm	MODEL Portable Radio	EQPT. NAME J725P/P1 VHF
DSGN OR ENGR F. Saito	DATE '02.07.19	APPROVED N. Kimura	DATE '02.07.19	STORED	SCALE	TITLE MAIN LOGIC Schematic Diagram	1/6
KOKUSAI DENKI ENGINEERING CO., LTD					PARTS CODE	DWG. No. G3UD07398	Rev. 0

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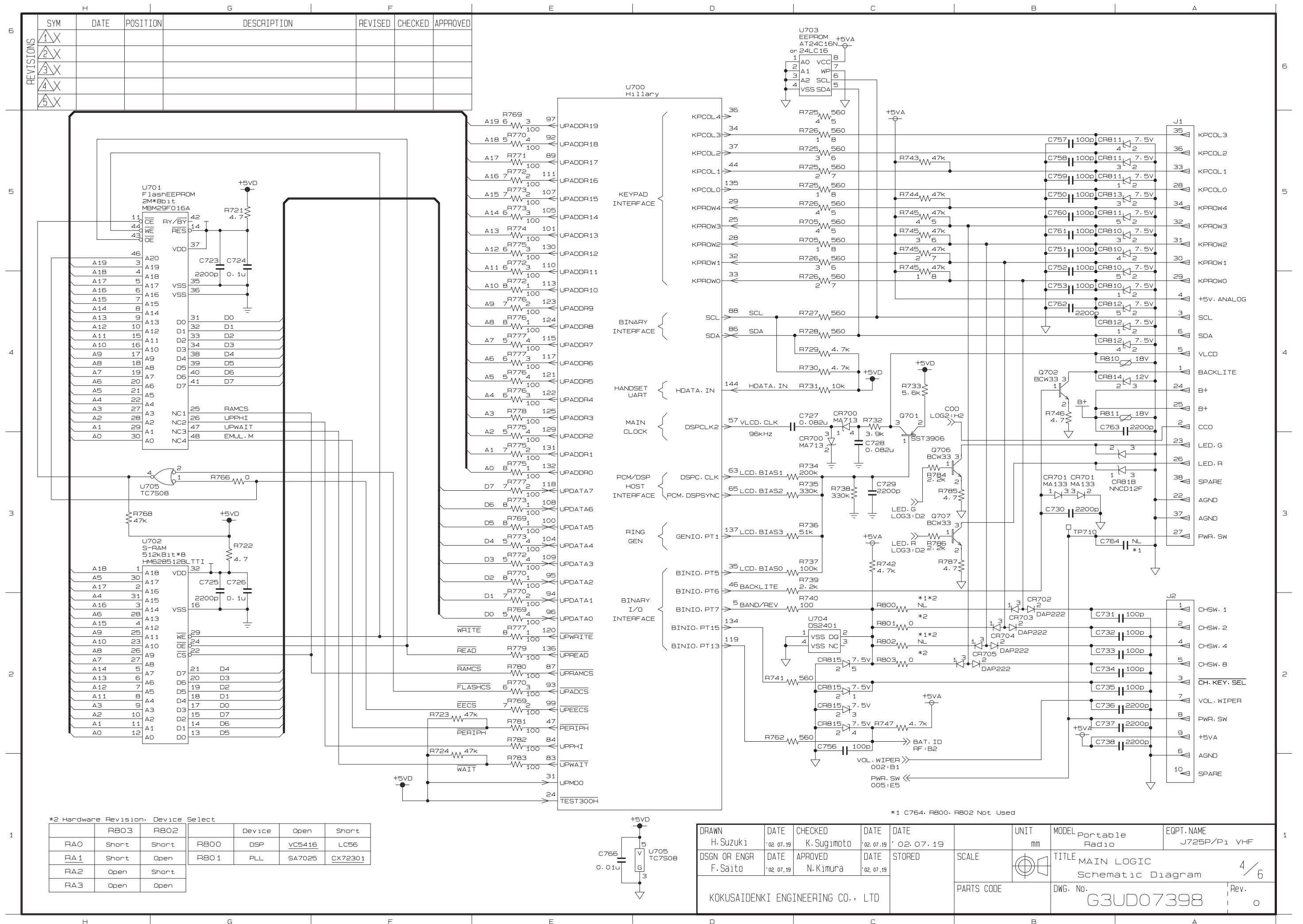


*3 BandResistor

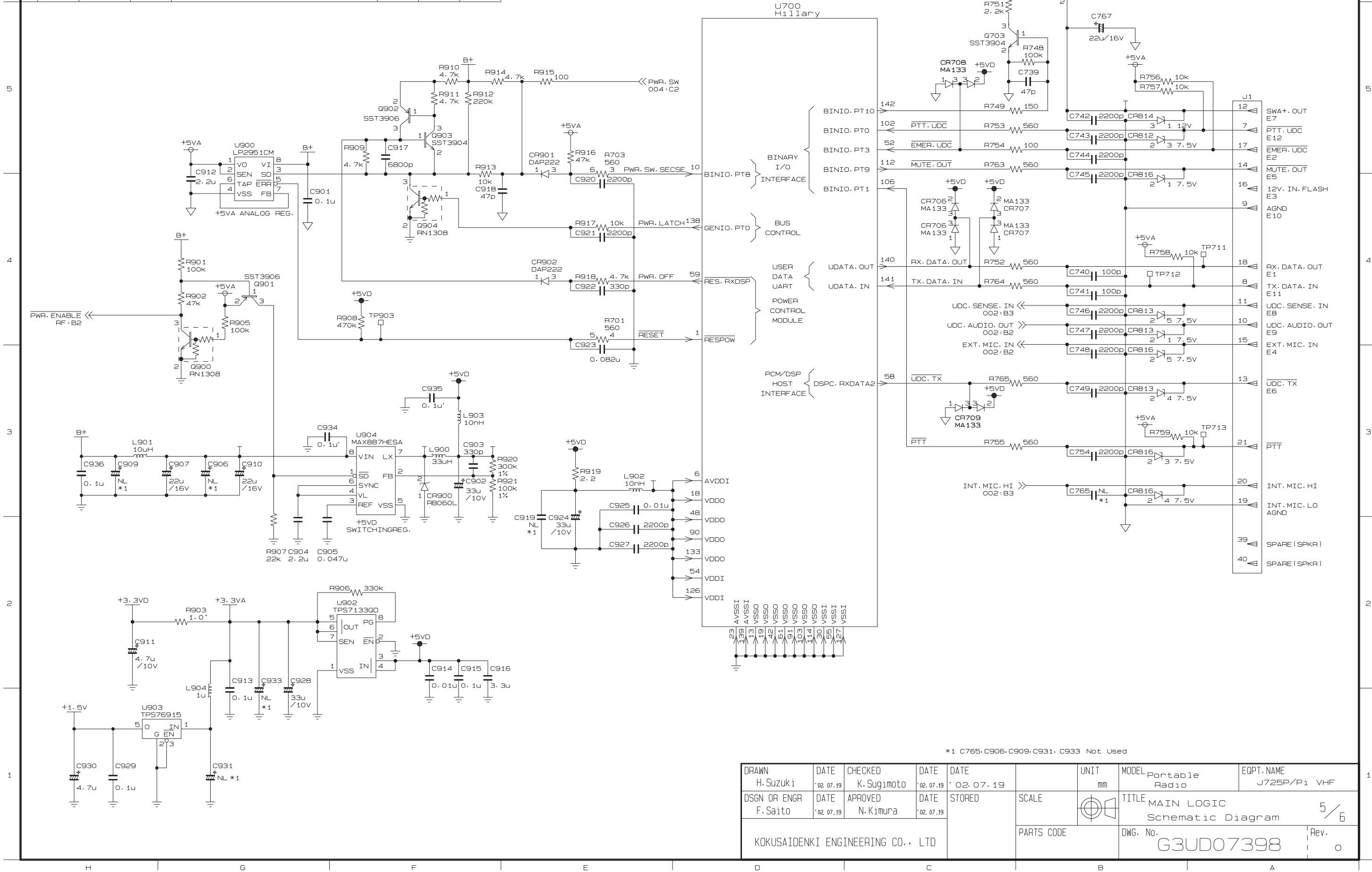
	R509	R511
800MHZ	—	100k
UHF-H	10k	33k
UHF-M	10k	68k
VHF	10k	100k
900MHZ	100k	—

*1 C504, C518, C525, C547, C548, C551, C552, CR501, CR502 Not Used

DRAWN H. Suzuki	DATE '02.07.19	CHECKED K. Sugimoto	DATE '02.07.19	DATE '02.07.19	UNIT mm	MODEL Portable Radio	EQPT. NAME J725P/P1 VHF
DSGN OR ENGR F. Saito	DATE '02.07.19	APPROVED N. Kimura	DATE '02.07.19	STORED	SCALE	TITLE MAIN LOGIC Schematic Diagram	2 / 6
KOKUSAIDENKI ENGINEERING CO., LTD					PARTS CODE	DWG. No. G3UD07398	Rev. o



SYM	DATE	POSITION	DESCRIPTION	REVISED	CHECKED	APPROVED
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② X						
③ X						
④ X						
⑤ X						



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3

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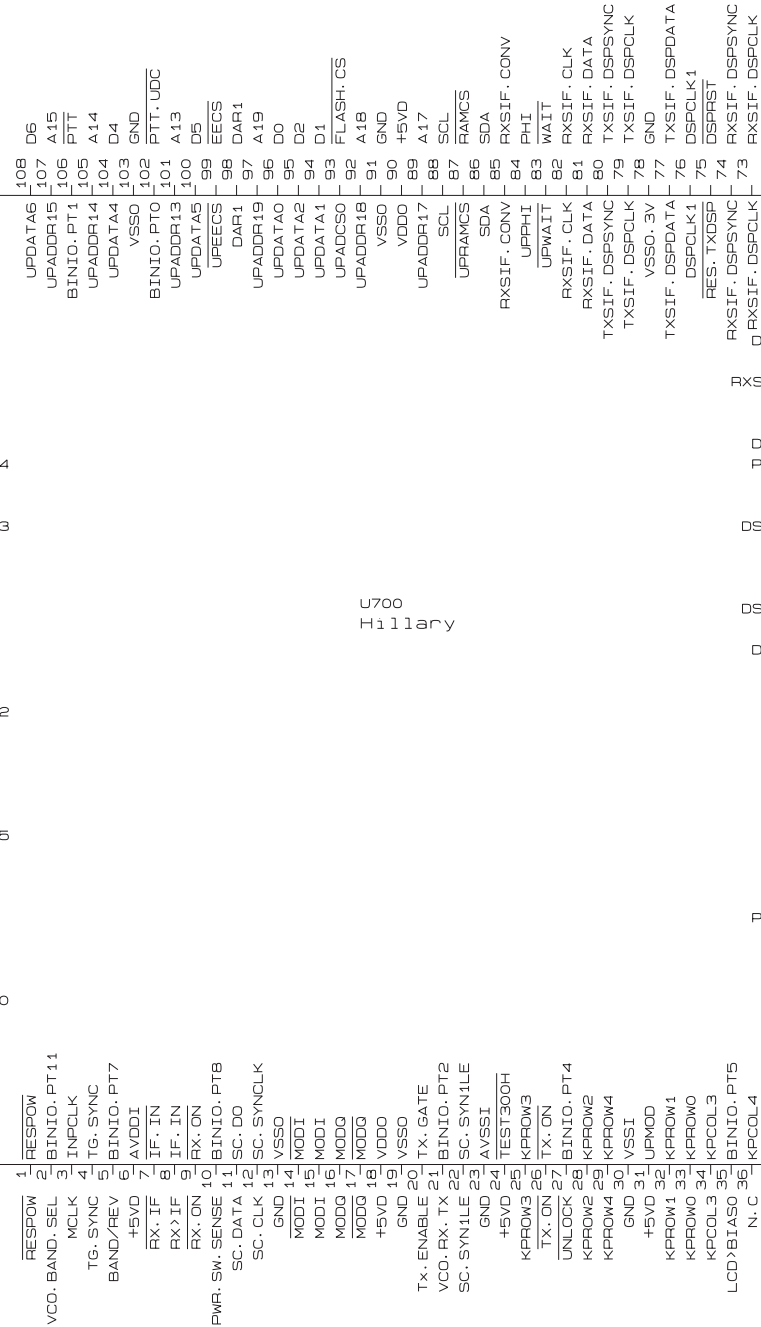
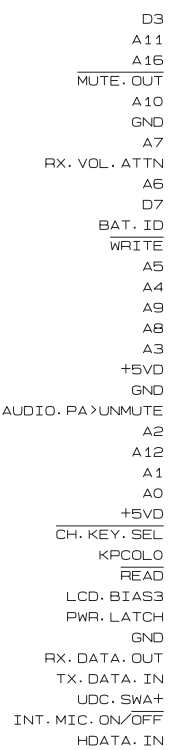
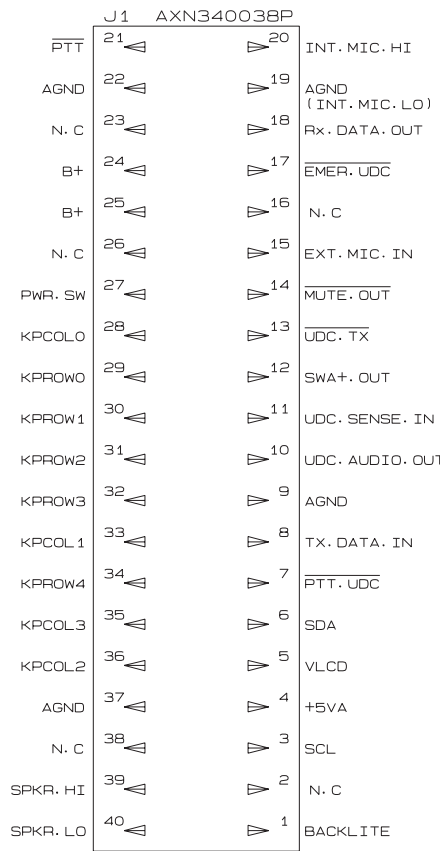
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	H		G		F		E		D		C		B		A
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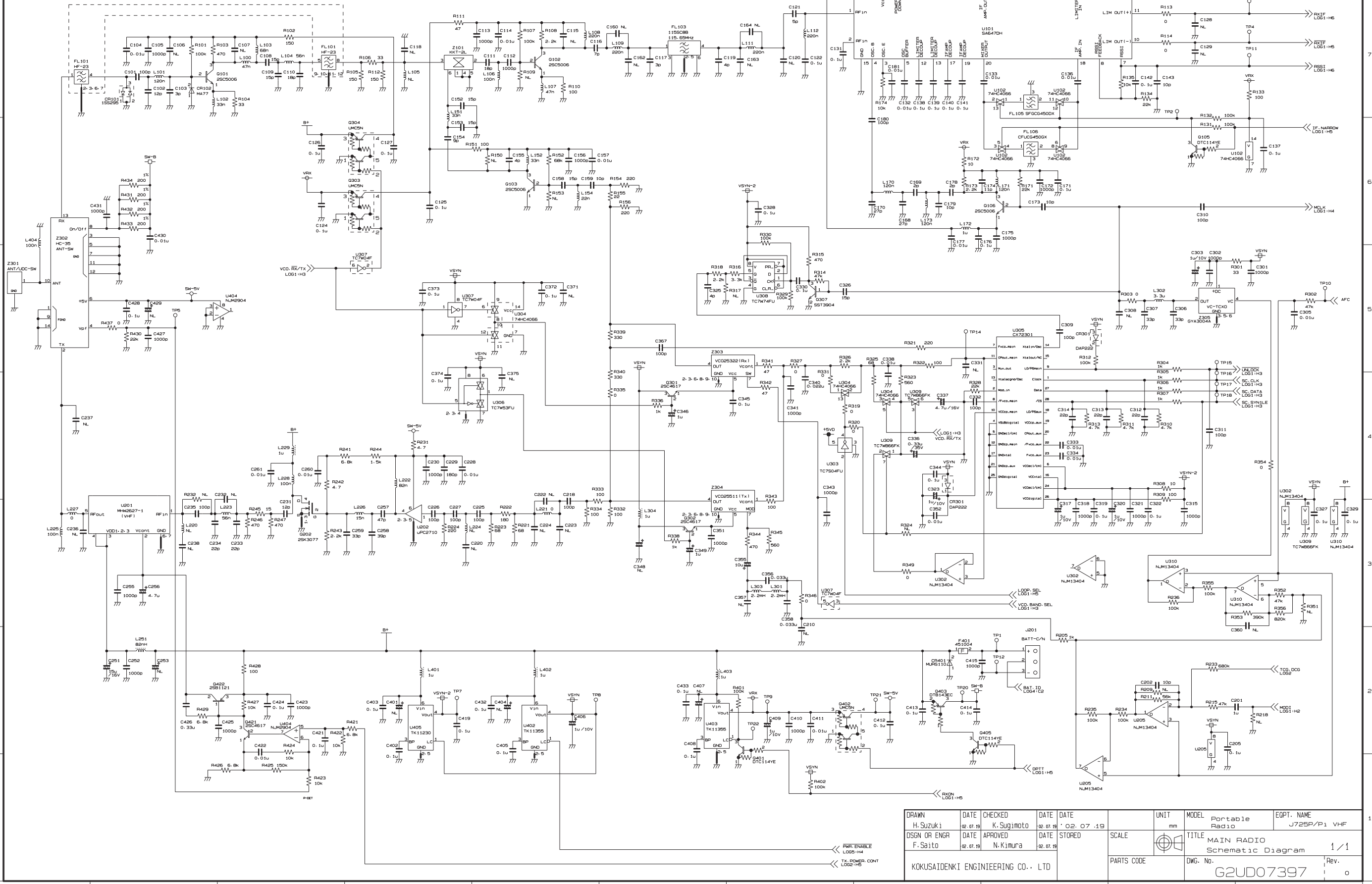
REVISIONS



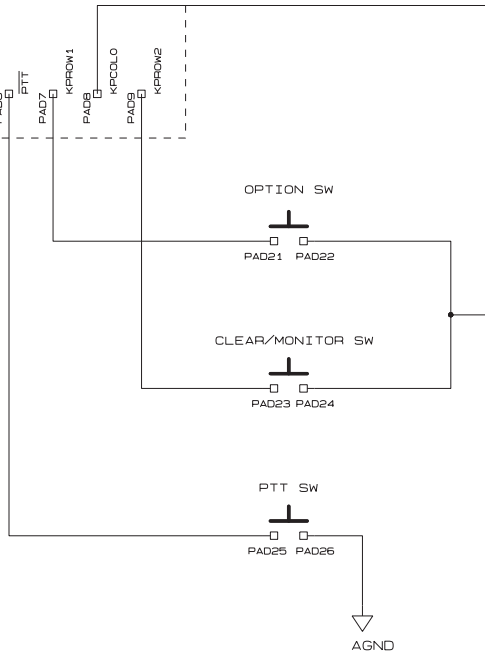
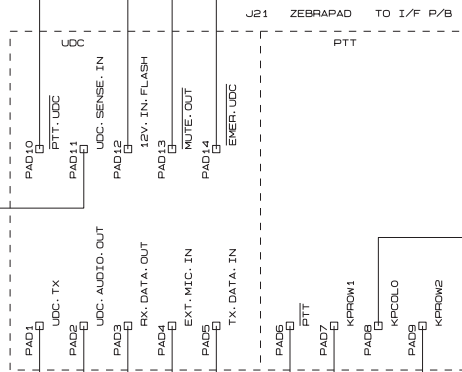
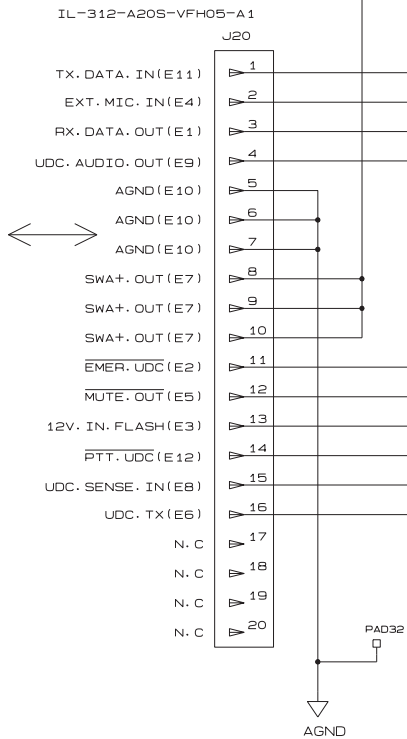
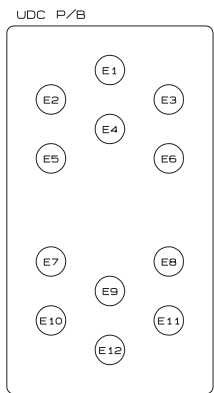
U700
Hillary

DRAWN H. Suzuki	DATE 02.07.19	CHECKED K. Sugimoto	DATE 02.07.19	DATE 02.07.19		UNIT mm	MODEL portable Radio	EQPT. NAME J725P/P1 VHF
DSGN. OR ENGR F. Saito	DATE 02.07.19	APPROVED N. Kimura	DATE 02.07.19	STORED	SCALE		TITLE MAIN LOGIC Schematic Diagram	6/6
KOKUSAIDENKI ENGINEERING CO., LTD					PARTS CODE		DWG. No. G3UD07398	Rev. o

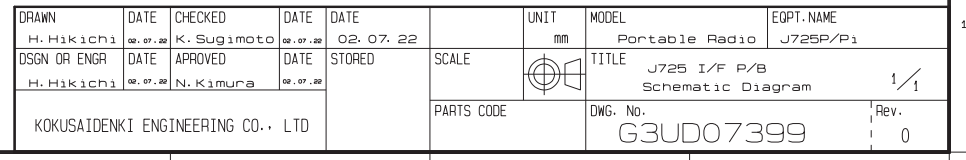
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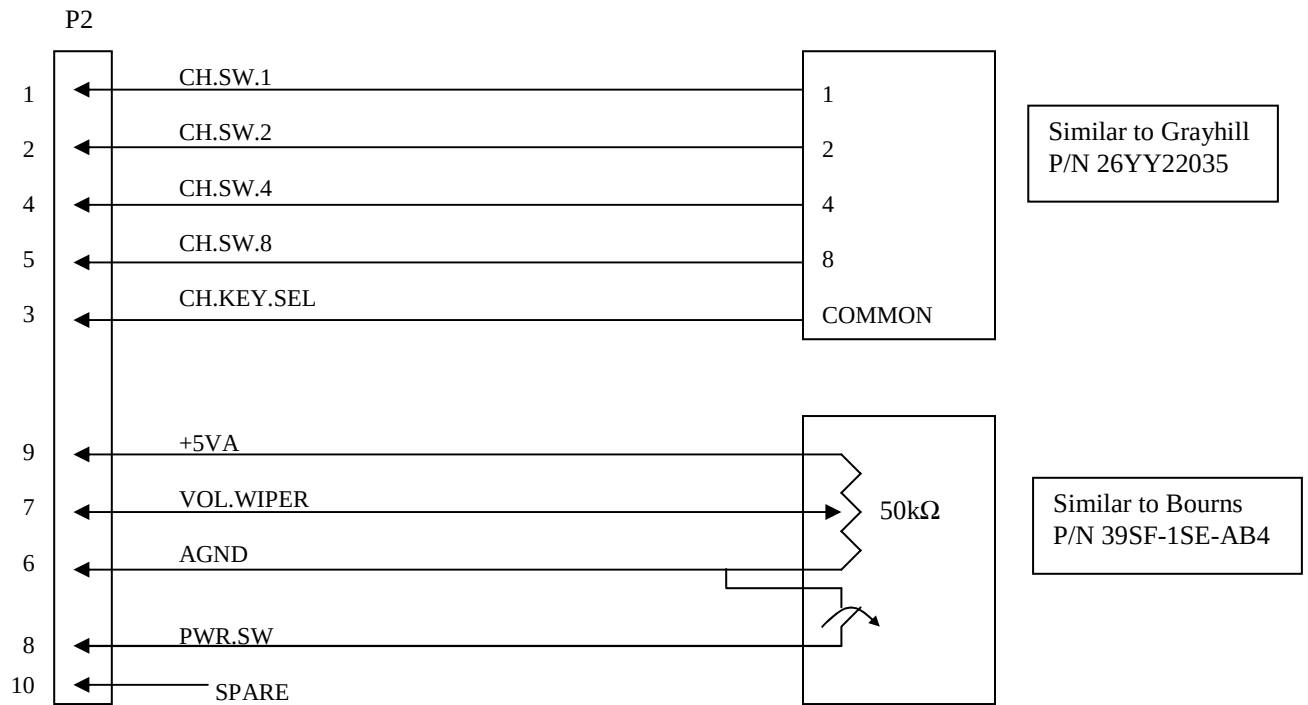


REVISIONS	SYM	DATE	POSITION	DESCRIPTION	REVISED	CHECKED	APPROVED
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	△X						



DRAWN H. Hikichi	DATE 02.07.20	CHECKED K. Sugimoto	DATE 02.07.22	DATE 02.07.22	UNIT mm	MODEL Portable Radio	EQPT. NAME J725P/P1
DSGN OR ENGR H. Hikichi	DATE 02.07.20	APPROVED N. Kimura	DATE 02.07.20	STORED	SCALE	TITLE J725 FLEX P/B Schematic Diagram	1/1
KOKUSAI DENKI ENGINEERING CO., LTD				PARTS CODE	DWG. No. G3UD07276	Rev. 0	

6



Channel Switch Switch Position	Truth Table Gray Output*			
	1	2	4	8
1				
2	•			
3	•	•		
4		•		
5		•	•	
6	•	•	•	
7	•		•	
8			•	
9			•	•
10	•		•	•
11	•	•	•	•
12		•	•	•
13		•		•
14	•	•		•
15	•			•
16				•

* Dot indicates terminal is tied to common

Date: July/01/2002			Stored	Equipment Name: J700P/J725P		
Approved	Checked	Drawn		Title		
N.Kimura	K.Sugimoto	S.Kumagai		Switch Module Assembly Schematic Diagram		
Kokusai Denki Engineering Co., LTD.				DWG. No.	Page	Rev.
				G4UD07379	1/1	0