

IBK

CA-520

SERVICE MANUAL

CONTENT

CHAPTER 1(ACOUSTIC)

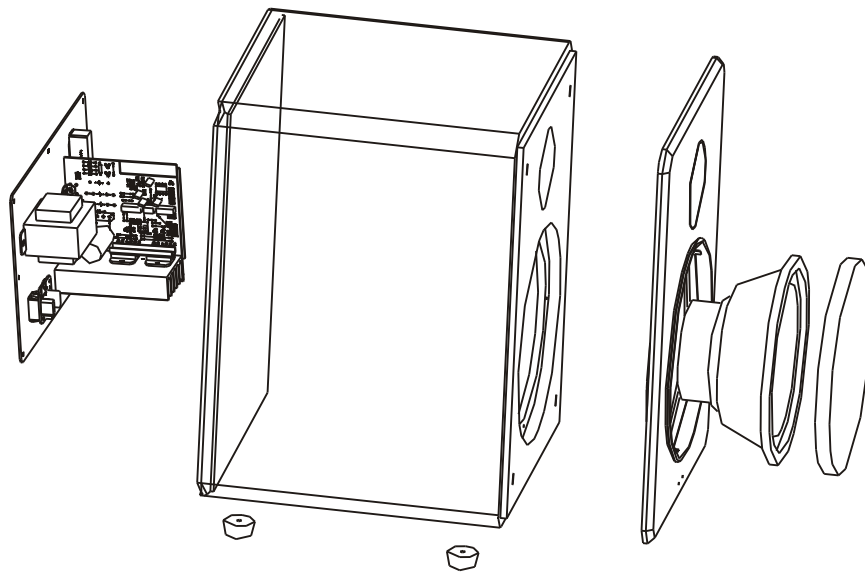
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Chapter 1 (Acoustic)

GENERAL CHART



BILL OF MATERIAL

Product code: ECA-520S S B-BB Product name: CA-520S S export surround speaker black BE

Item	Material code	Material description	Specification	Unit	Dosage	Remark
1	RW150S39B8P13-1	woofer 8 Ω (0)	PSV 13.28 core YDD52S39-1A ROHS	PCS	2.0000	W0208-0141-002

Product code: ECA-520S F B-BB Product name: CA-520S F export front speaker black BBK

Item	Material code	Material description	Specification	Unit	Dosage	Remark
1	RW150S39B8P13-1	woofer 8 Ω (0)	PSV 13.28 core YDD52S39-1A ROHS	PCS	2.0000	W0208-0141-002

Product code: ECA-520S SUB B-BB Product name: CA-520S SUB export subwoofer black BBK

Item	Material code	Material description	Specification	Unit	Dosage
1	RW0165R60B8A20-2	woofer	8 Ω 20 core ROHS	PCS	1.0000
2	RB11342	remote control RC-328 BBK black CA-520S	ROHS	PCS	1.0000

Product code: ECA-520S S B-BB Product name: CA-520S S export surround speaker black BE

Item	Material code	Material description	Specification	Unit	Dosage	Remark
1	RW150S39B8P13-1	woofer 8 Ω (0)	PSV 13.28 core YDD52S39-1A ROHS	PCS	2.0000	W0208-0141-002

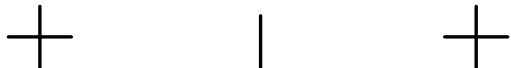
Product code: EDCA-520S Product name: CA-520S wired control

Item	Material code	Material description	Specification	Unit	Dosage
1	R08014	crystal HC/49S 12.00MHz $\pm$ 30ppm 20pF	ROHS	PCS	1.0000
2	R090101	switch 6x6 H=17mm(F)	ROHS	PCS	4.0000
3	R090192	encoder EC11BHS-D2-WF-20C-HPC-15KQ	ROHS	PCS	1.0000
4	RB10198	decoder board WS888B-0101-B USB HOST MP3+WMA	ROHS	PCS	1.0000

Chapter 2

(Acoustic)

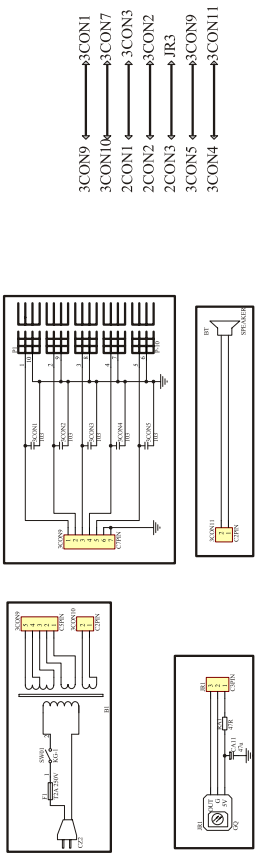
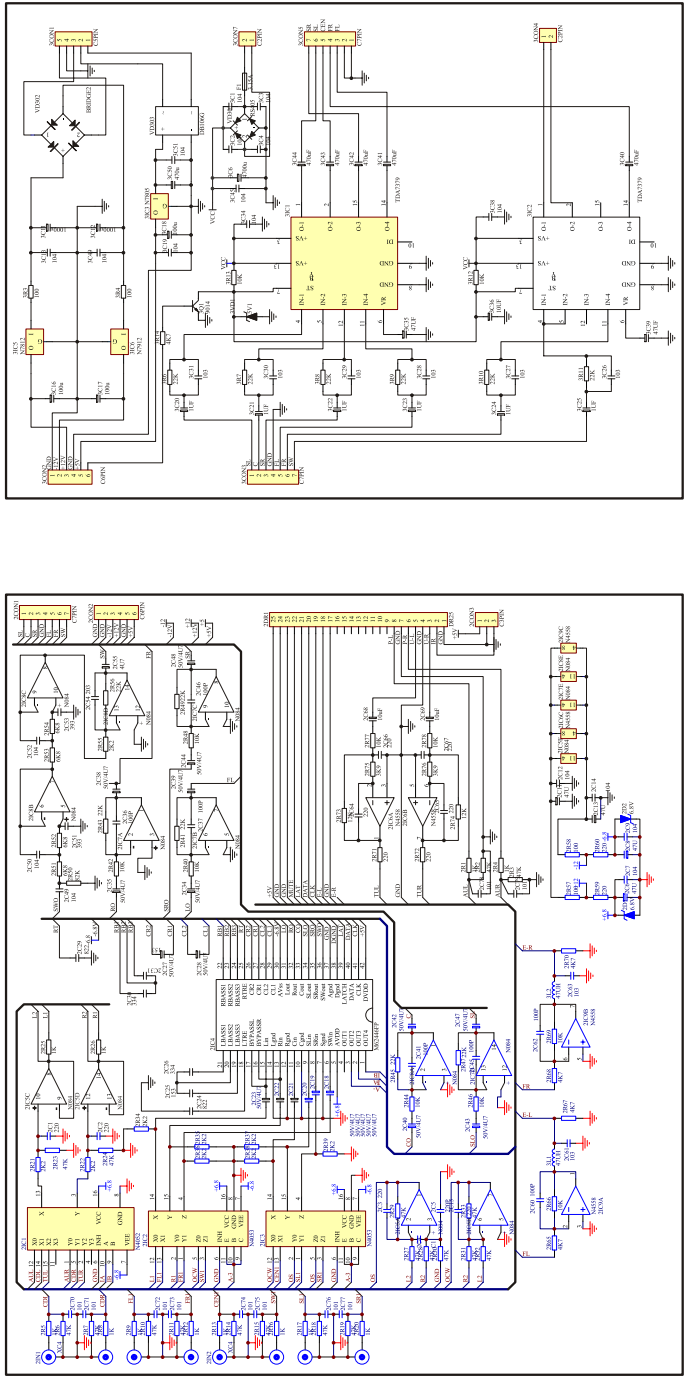
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	Signature	Data	Schematic Diagram number
Design			<i>CA-520/510S, SCH.01.0,</i>
Proof			
Process			
Standardization			
Review			
Approval			First Industrial International Holdings, Ltd.
			Page : <i>1</i>
			A3 (320430)

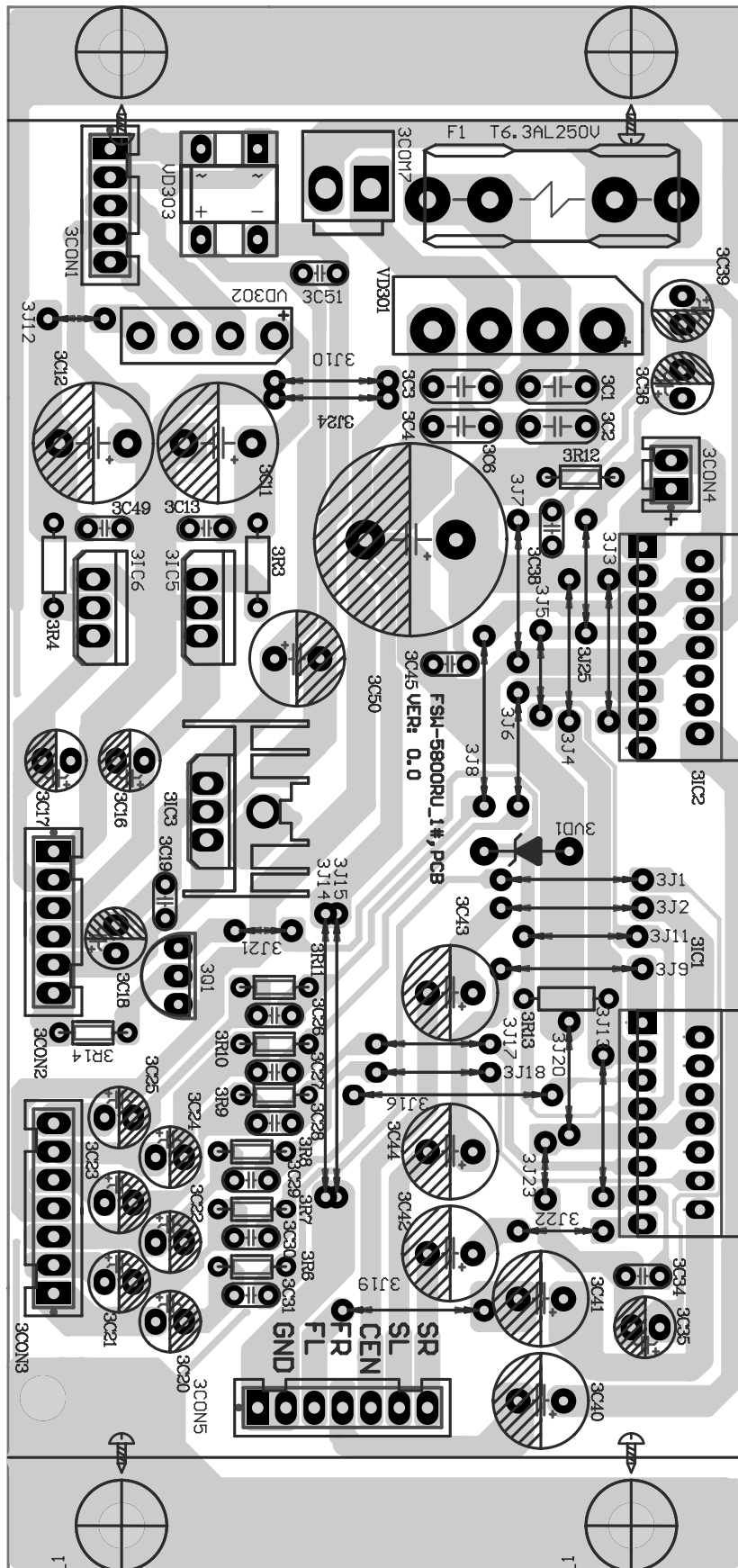
PRINCIPLE CHART

CA-520/510S.SCH.02.0.

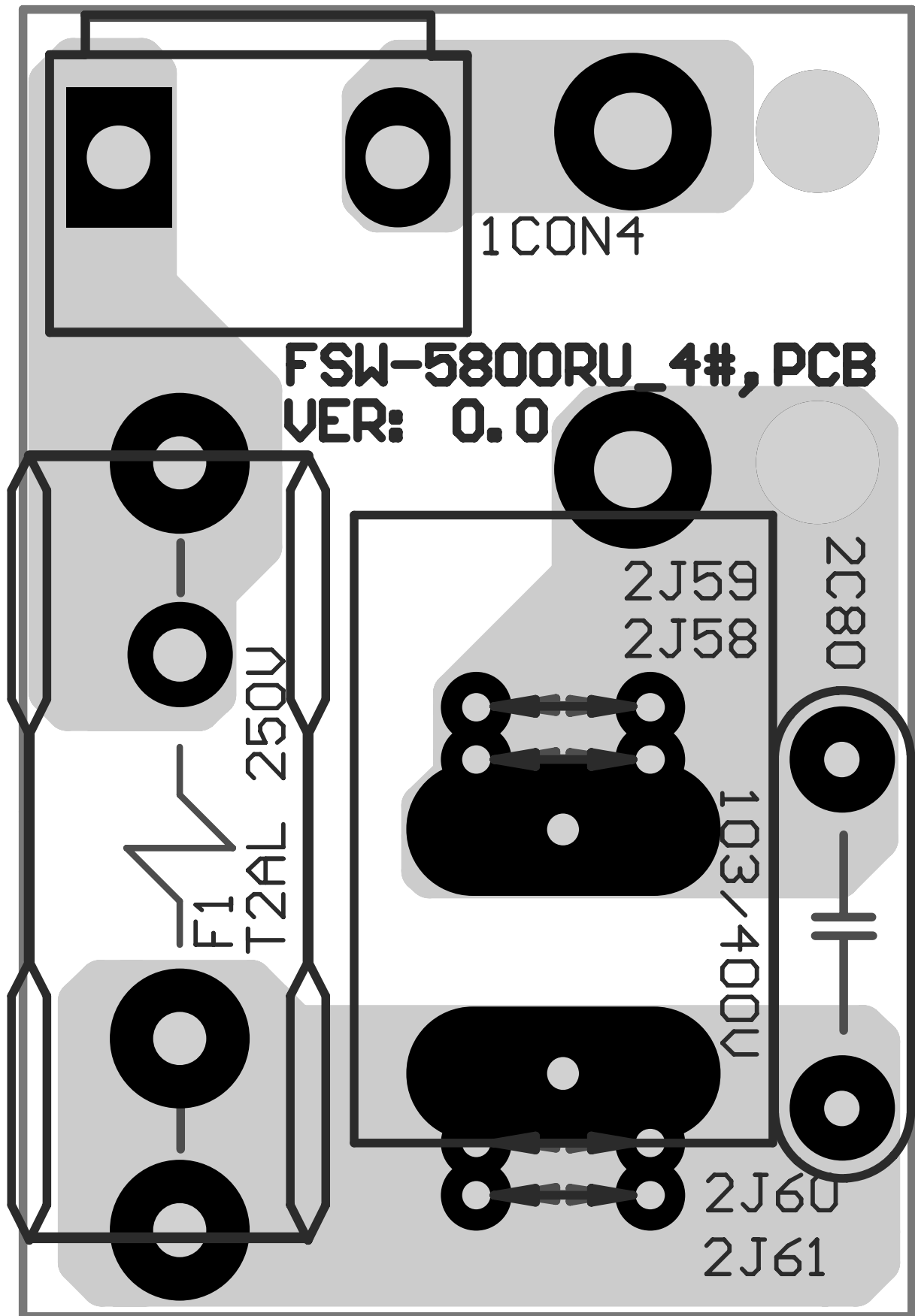


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Process			Description
Standardization			
Review			First Industrial International Holdings Ltd.
Approval			Page : 1 A2 (440620)

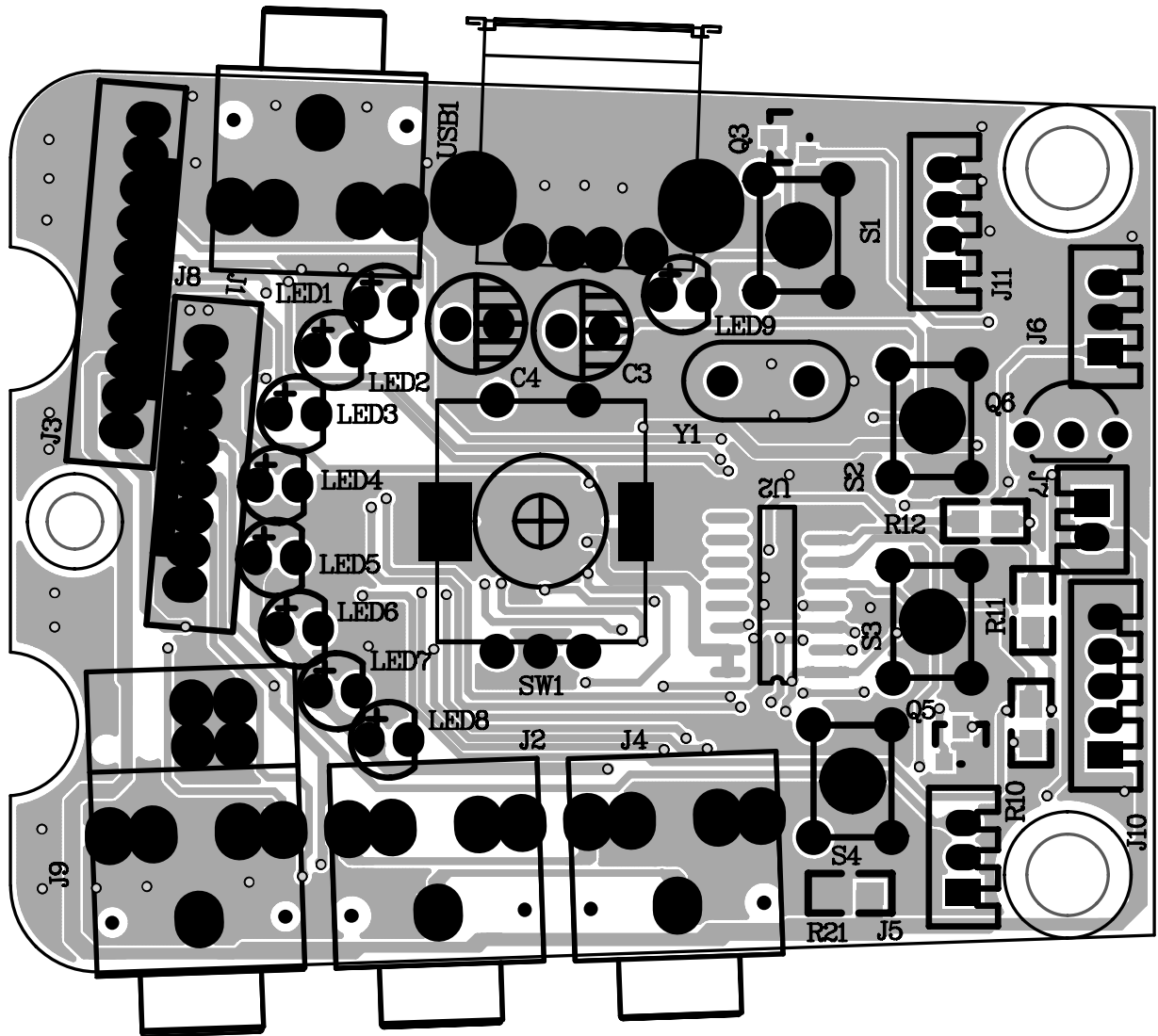
PCB BOARD



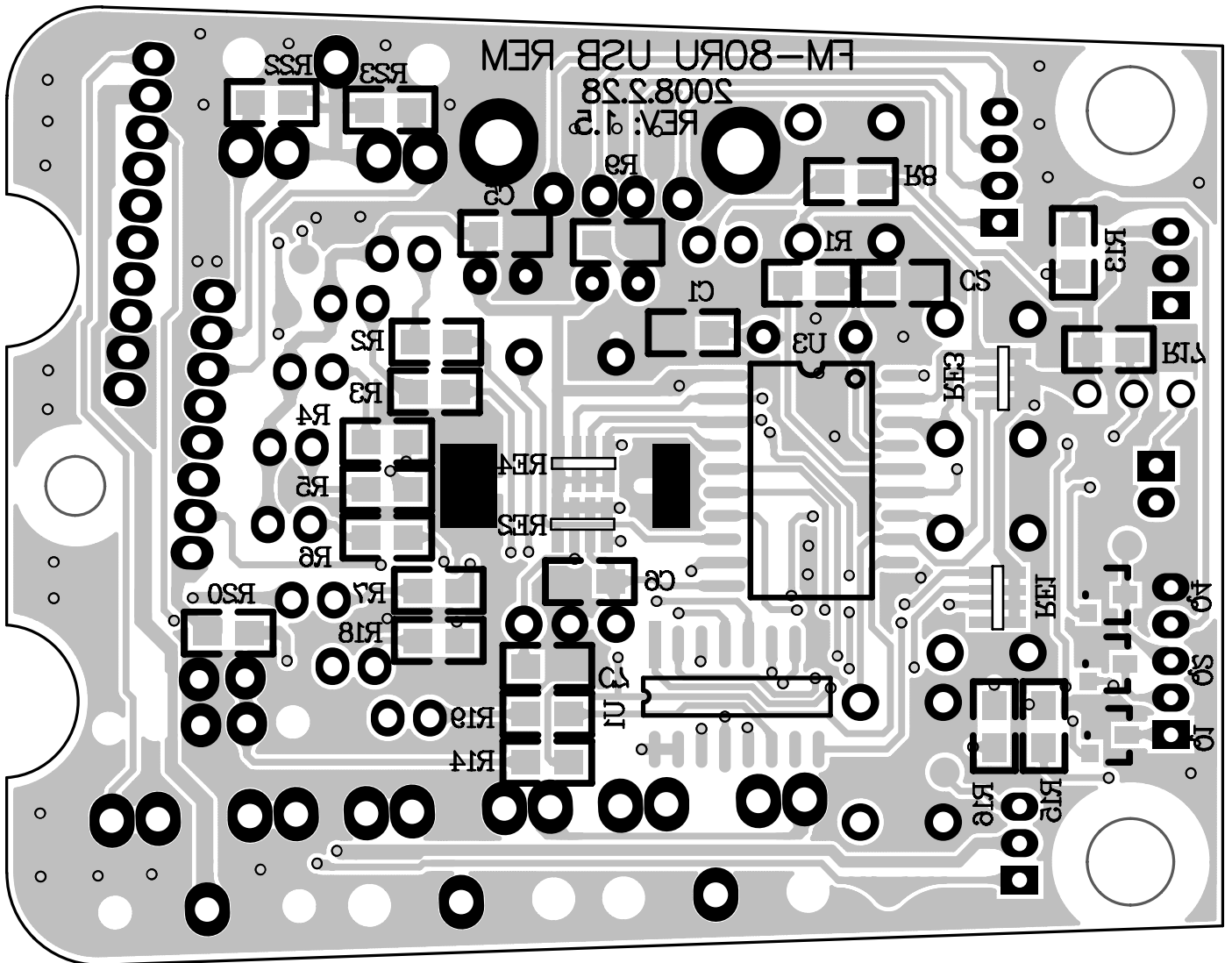
PCB BOARD



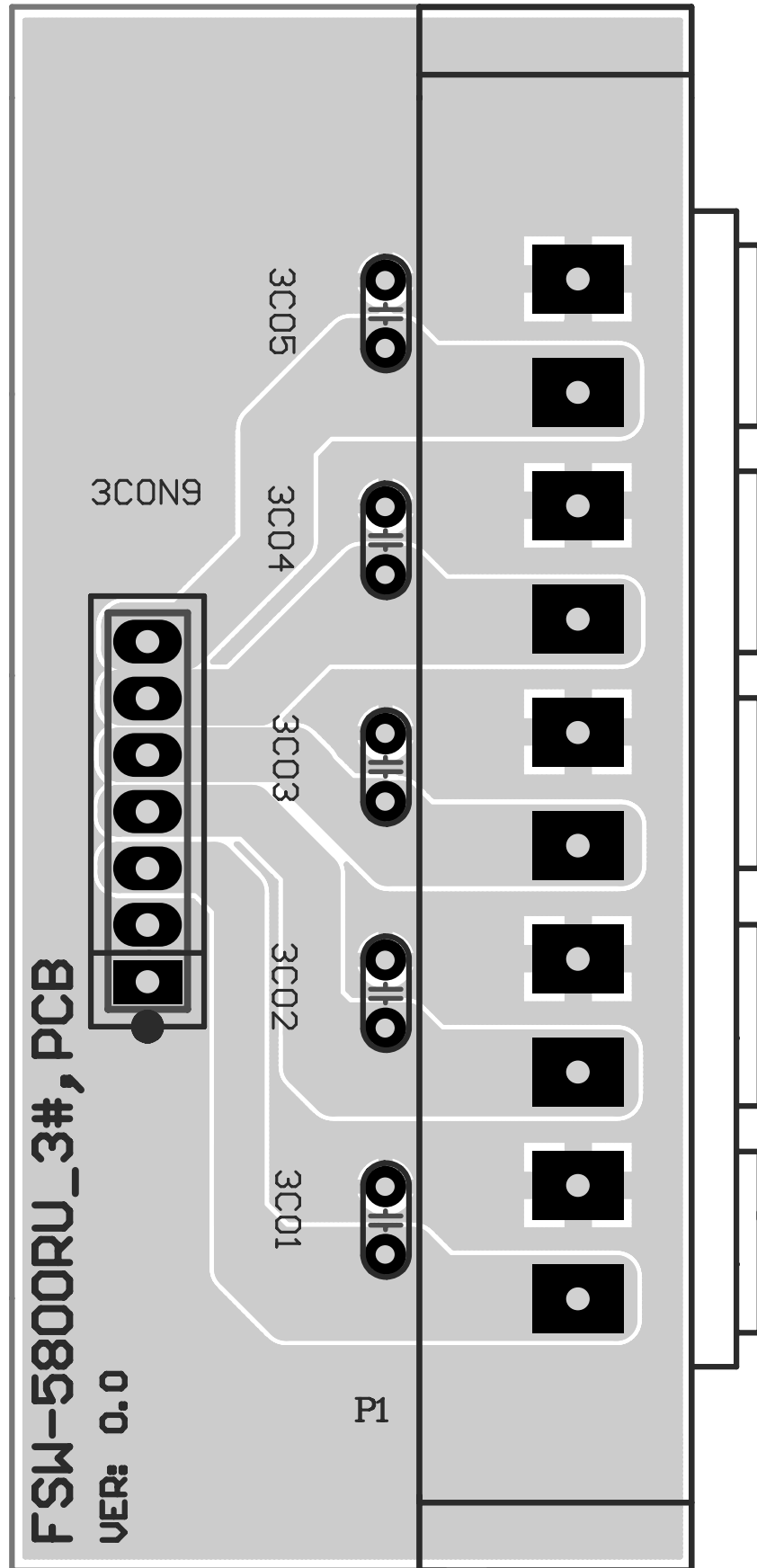
PCB BOARD



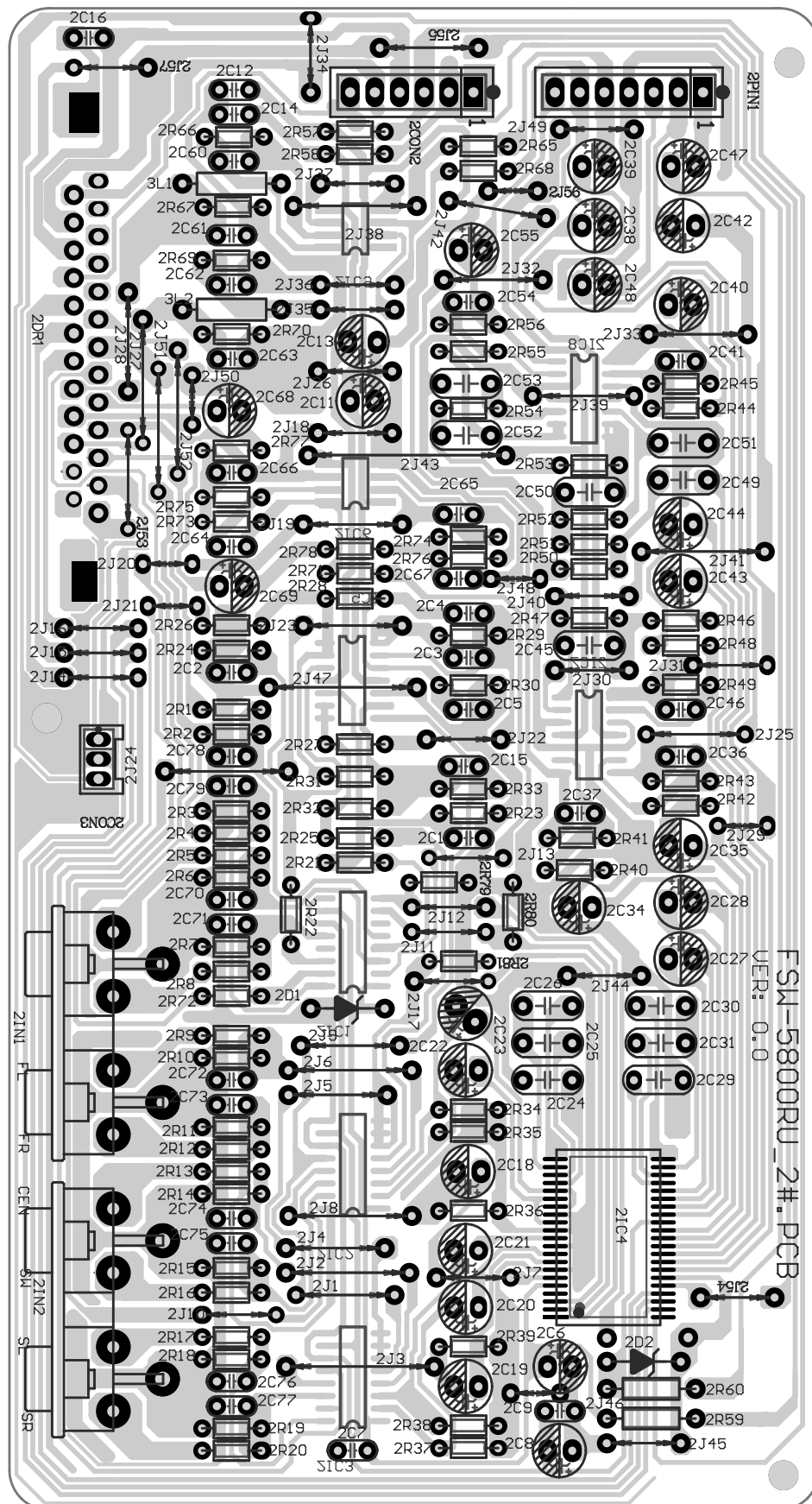
PCB BOARD



PCB BOARD



PCB BOARD



BILL OF MATERIAL

CA-520S

Item	Material code	Material description	Specification	Unit	Dosage
1	R0300062	capacitor electrolyse 25V 1000uF±20% 10x20 (VI)	ROHS	PCS	2.0000
2	R0300185	capacitor electrolyse 25V 4700uF±20% 16x30 (VI)	ROHS	PCS	1.0000
3	R05169	IC KA7805 TO-220 FAIRCHILD	ROHS	PCS	1.0000
4	R05177	IC KA7812 TO-220 FAIRCHILD	ROHS	PCS	1.0000
5	R05191	IC KA7912 TO-220 FAIRCHILD	ROHS	PCS	1.0000
6	R05596	IC TDA7379 ZIP-15P ST	ROHS	PCS	2.0000
7	R090190	power switch	UL/VDE/3C ROHS	PCS	1.0000
8	R12015	receiver FPS-6038T1	ROHS	PCS	1.0000

BBK